

**Board of Directors**  
**Thursday 7<sup>th</sup> February, 2019 at 12.15pm**  
**Clinical Education Centre**  
**AGENDA**

**Meeting in Public Session**

**All matters are for discussion/decision except where noted**

|     | Item   | Enc. No.     | By            | Item Related to Strategic Objective | Action                                   | Time  |
|-----|--|--------------|---------------|-------------------------------------|--|-------|
| 11. | <b>Chairmans Welcome and Note of Apologies – R Welford</b>                                   |              | J Ord         |                                     | To Note                                  | 12.15 |
| 12. | <b>Declarations of Interest</b><br>Standing declaration to be reviewed against agenda items. |              | J Ord         |                                     | To Note                                  | 12.15 |
| 13. | <b>Announcements</b>   |              | J Ord         |                                     | To Note                                  | 12.15 |
| 14. | <b>Minutes of the previous meeting</b>   |              |               |                                     |  |       |
|     | 14.1 Thursday 10 January 2019  | Enclosure 11 | J Ord         |                                     | To Approve                               | 12.15 |
|     | 14.2 Action Sheet 10 January 2019  | Enclosure 12 | J Ord         |                                     | To Action                                | 12.20 |
| 15. | <b>Patient Story</b>   | Video        | L Abbiss      |                                     | To Note & Discuss                        | 12.25 |
| 16. | <b>Chief Executive's Overview Report</b>   | Enclosure 13 | K Kelly       | All                                 | To Discuss                               | 12.35 |
| 17. | <b>Safe and Caring</b>   |              |               |                                     |  |       |
|     | 17.1 Clinical Quality, Safety and Patient Experience Committee Exception                     | Enclosure 14 | D Wulff       | SO1&2                               | To note assurances & discuss any actions | 12.45 |
|     | 17.2 Chief Nurse Report including Safer Staffing   | Enclosure 15 | C Love-Mecrow | All                                 | To note assurances & discuss any actions | 12.55 |
|     | 17.3 Learning from Deaths Report   | Enclosure 16 | J Hobbs       | All                                 | To note assurances and discuss           | 1.05  |
|     | 17.4 Organ Donation Report   | Enclosure 17 | K Lazenby     |                                     | To note                                  | 1.15  |
|     | 17.5 Patient Experience Report   | Enclosure 18 | J Faulkner    |                                     | To note                                  | 1.25  |

|            |  |              |           |             |  |      |
|------------|--|--------------|-----------|-------------|--|------|
| <b>18.</b> | <b>Responsive and Effective</b>  |              |           |             |  |      |
|            | 18.1 Integrated Performance Dashboard  | Enclosure 19 | K Kelly   | SO1,2,4,5,6 | To note assurances & discuss any actions | 1.35 |
|            | 18.2 Finance and Performance Committee Exception report  | Enclosure 20 | T Jackson | SO6         | To note assurances & discuss any actions | 1.45 |
|            | 18.3 Trust Strategy Ratification   | Enclosure 21 | N Younes  |             | To Approve                               | 1.55 |
| <b>19.</b> | <b>Well Led</b>  |              |           |             |  |      |
|            | 19.1 Brexit Contingency Plan Update  | Enclosure 22 | K Kelly   |             | To note assurances & discuss actions     | 2.05 |
|            | 19.2 Audit Committee Exception Report  | Enclosure 23 | R Miner   |             | To note and discuss                      | 2.15 |
|            | 19.3 Digital Trust Committee Report  | Enclosure 24 | M Stanton |             | To note and discuss                      | 2.25 |
|            | 19.4 Workforce Committee Report  | Enclosure 25 | J Atkins  |             | To note and discuss                      | 2.35 |
| <b>20.</b> | <b>Any other Business</b>  |              | J Ord     |             |  | 2.55 |
| <b>21.</b> | <b>Date of Next Board of Directors Meeting</b><br><br>8.30am 10 <sup>th</sup> January, 2018<br>Clinical Education Centre   |              | J Ord     |             |  | 2.55 |
| <b>22.</b> | <b>Exclusion of the Press and Other Members of the Public</b><br><br>To resolve that representatives of the press and other members of the public be excluded from the remainder of the meeting having regard to the confidential nature of the business to be transacted, publicity on which would be prejudicial to the public interest. (Section 1 [2] Public Bodies [Admission to Meetings] Act 1960). |              | J Ord     |             |  | 2.55 |

**Quorum:** One Third of Total Board Members to include One Executive Director and One Non Executive Director

# Public Board of Directors Meeting

Thursday 7<sup>th</sup> February 2019

12.15pm – 3.00pm

Meeting room 7 & 8,  
Clinical Education Centre,  
1<sup>st</sup> Floor, South Block

**Our vision:** Trusted to provide safe, caring and effective services  
because people matter



## **BOARD MEETINGS PUBLIC INFORMATION SHEET**

The Dudley Group meets in public every month and welcomes the attendance of members of the public and staff at its Board meetings to observe the Board's decision-making process.

### **1. Introduction**

This sheet provides some information about how Board meetings work.

Name signs for each board member are displayed on the table in front of the member to enable you to identify who is speaking at the meeting.

Some items are confidential (for example if they concern an individual or a commercial contract) – these are dealt with in part II (confidential) of the meeting.

Copies of the agenda and papers are available at the meetings, and on our website <http://dudleygroup.nhs.uk/> or may be obtained in advance from:

Helen Forrester  
EA to Chief Executive & Chairman  
The Dudley Group NHS Foundation Trust  
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Inteim Director of Governance/ Board Secretary  
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### **2. Board Members' interests**

All members of the Board are required to declare if they have any interests (e.g. financial) which are relevant to the work of the trust and these are recorded in a register. If you would like to see the register, please contact the Company Secretary or visit our website.

Members are also required to state at the start of the meeting if they have an interest in any of the items under discussion. Special rules govern whether a member who has declared an interest may take part in the subsequent discussion.

### **3. Opportunity for questions**

Members the public, should raise any questions directly to the Chair at the conclusion of the meeting.



#### **4. Debate**

The board considers each item on the agenda in turn. Each report includes a recommendation of the action the board should take. For some items there may be presentation; for others this may not be necessary. The board may not actively discuss every item – this does not mean that they have not received careful consideration; it means that nobody at the meeting considers it necessary to debate the subject. A formal vote need not be taken if there is a general consensus on a suggested course of action.

#### **5. Minutes**

A record of the items discussed and decisions taken is set out in the minutes, which the board will be asked to approve as a correct record at its next meeting.

The minutes as presented to the next meeting of the Trust Board for approval are added to the website at the same time as the papers for that meeting.

#### **6. Key Contacts**

Gilbert George  
Interim Director of Governance/ Board Secretary  
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## THE SEVEN PRINCIPLES OF PUBLIC LIFE

The Committee has set out '**Seven Principles of Public Life**' which it believes should apply to all in the public service. These are:

### **Selflessness**

Holders of public office should act solely in terms of the public interest. They should not do so in order to gain financial or other benefits for themselves, their family or their friends.

### **Integrity**

Holders of public office should not place themselves under any financial or other obligation to outside individuals or organisations that might seek to influence them in the performance of their official duties.

### **Objectivity**

In carrying out public business, including making public appointments, awarding contracts, or recommending individuals for rewards and benefits, holders of public office should make choices on merit.

### **Accountability**

Holders of public office are accountable for their decisions and actions to the public and must submit themselves to whatever scrutiny is appropriate to their office.

### **Openness**

Holders of public office should be as open as possible about all the decisions and actions that they take. They should give reasons for their decisions and restrict information only when the wider public interest clearly demands.

### **Honesty**

Holders of public office have a duty to declare any private interests relating to their public duties and to take steps to resolve any conflicts arising in a way that protects the public interest.

### **Leadership**

Holders of public office should promote and support these principles by leadership and example. This document should be read in association with the NHS Code of Conduct.

**Minutes of the Public Board of Directors meeting held on Thursday 10<sup>th</sup> January, 2019,  
at 10.45am in the Clinical Education Centre.**

**Present:**

Jenni Ord, Chairman  
Richard Miner, Non Executive Director  
Julian Atkins, Non Executive Director  
Tom Jackson, Director of Finance  
Julian Hobbs, Medical Director  
Richard Welford, Non Executive Director  
Diane Wake, Chief Executive  
Karen Kelly, Chief Operating Officer  
Andrew McMenemy, Director of HR  
Catherine Holland, Non Executive Director

**In Attendance:**

Helen Forrester, EA  
Mark Stanton, Chief Information Officer  
Carol Love-Mecrow, Deputy Chief Nurse  
Gilbert George, Interim Director of Governance  
Natalie Younes, Director of Strategy and Business Development  
Liz Abbiss, Head of Communications  
Mark Hopkin, Associate Non Executive Director  
Kim Jarrett, Matron, Infection Prevention and Control (Item 19/009.3)  
Chris Leach, Emergency Planning Manager (Item 19/011.1)

**19/001 Note of Apologies and Welcome  
10.50am**

Apologies were received from Jonathan Hodgkin and Doug Wulff. The Chairman welcomed Carol Love-Mecrow, who was attending for the Chief Nurse. A potential Director of Governance candidate was in the audience.

**19/002 Declarations of Interest  
10.50am**

Dr Hopkin confirmed that he was a GP and Clinical Lead at the CCG and the Board noted that this did not conflict with any items on the agenda requiring a decision.

There were no other declarations of interest.

**19/003 Announcements  
10.50am**

None to note.

**19/004 Minutes of the previous Board meeting held on 6<sup>th</sup> December, 2018  
(Enclosure 10)  
10.51am**

The minutes were amended as follows:

Page 7, under Workforce Committee, should read “progress with appointing a lead for Healthcare Scientists”.

Page 9, 3<sup>rd</sup> paragraph, to read “Safe Working Guardian”.

With these amendments the minutes were agreed as a correct record of the meeting and signed by the Chairman.

**19/005 Action Sheet, 6<sup>th</sup> December, 2018 (Enclosure 11)  
10.53am**

**19/005.1 Finance and Performance Committee**

The Recruitment and Retention Business Case will be presented to Executive Team for their approval and will be presented to the Finance and Performance Committee in January.

**19/005.2 Breast Screening Annual Report**

The Chief Operating Officer to chase a response on the appointment of additional radiographers.

All other actions were noted to be complete, work in progress or not yet due.

**The updated Recruitment and Retention Business Case will be presented to the January Finance and Performance Committee.**

**The Chief Operating Officer to chase a response from Paul Stonelake regarding the appointment of additional radiographers.**

**19/006 Staff Story  
10.55am**

The Head of Communications presented the staff story. The story was given by a senior sister in the Emergency Department. The sister had worked at the Trust for 30 years, she had seen lots of change but still enjoyed the challenge of working within a busy Emergency Department. She particularly enjoyed the satisfaction of helping patients in their moment of need. The Board noted the impact and changes following the CQC visit, including the improvements following the establishment of electronic observation monitoring. She advised the worst element of the role were the capacity issues within the department and the opportunity to move patients onto wards.

The Chief Operating Officer confirmed that ED staff are continuing with improvement projects and the story reflected this. It was good to see that staff were embracing changes.

Mrs Holland, Non Executive Director, confirmed that it was good to compare the historical picture and the current demands and challenges for a very busy ED.

The Interim Director of Governance acknowledged and appreciates the good work done by all to make improvements.

The Medical Director stated that it was a realistic and pragmatic which exemplified the quality improvement activity that is going on in the Trust.

The Chief Executive stated that the sister represents the outstanding nurses in ED.

The Chairman and Board welcomed the positive story and asked that the Board's thanks are passed on to the member of staff for her participation and contribution.

### **19/007 Corporate Risk Register/Board Assurance Framework (Enclosure 12) 11.10am**

The Interim Director of Governance presented the Corporate Risk Register/Board Assurance Framework, given as Enclosure 12.

The Chairman confirmed that the work on the Board Assurance Framework will continue at the next Board Workshop and therefore the report is still at an interim stage.

The Chairman asked for more detail on the top 5 risks and the process for identifying these and also asked for the criteria used to support the recommendations in the report.

The Interim Director of Governance confirmed that Section 3 of the cover sheet highlights the Trust's 5 major risks.

The Chairman asked why the others risks with equal risk markings were not to be included in the 5 top risks in the report. This needs an explanation.

The Director of HR confirmed that the Workforce Committee had considered the Board Assurance Framework and analysed the risks assigned to that committee. Mrs Holland, Non Executive Director, confirmed that the discussion at the Committee was very useful and all Committees should have that discussion to bring to Board. It was confirmed that this is standard practice for all Board committees, and which should be reflected in committee chairs' reports to Board.

The Chief Executive advised that the corporately there was full awareness of all high scoring risks.

The Chief Executive confirmed that some risks within the Board Assurance Framework could be condensed.

The Chairman asked that all Committees consider the Board Assurance Framework content appropriate to the committee. At their next meetings and make a recommendation to the Board. Mr Miner, Non Executive Director, asked that the BAF should be a first order item on Committee agendas.

Mr Welford, Non Executive Director, asked about the post mitigation score. The Interim Director of Governance confirmed that it related to the residual risk score after mitigation had been applied. The target risk score related to the desirable level of risk. These areas will be discussed in detail at Executive Team meetings. Mr Welford suggested that there could be a further column with forecast residual risk if there was a significant gap between residual risk and target risk score. The Chief Executive confirmed that this could be discussed further at the next Board Workshop.

The Chairman and Board noted the report and that further discussions will take place at the next Board Workshop. No other major areas of risk were identified by the Board that were not already included in the Board Assurance Framework.

**Further discussion on the Board Assurance Framework to take place at the next Board Workshop.**

### **19/008 Chief Executive's Overview Report (Enclosure 13)**

**11.31am**

The Chief Executive presented her report given as Enclosure 12. This included the following highlights:

- 10 Year Plan: Will be discussed in detail at the next Board meeting.
- 2019/20 Planning: Awaiting further guidance which is due to be published. Will be discussed in detail at the next Board meeting.
- Chief Nurse Appointment: Working with the Leadership Academy on recruitment with interviews at the end of February.
- New Year's Honours List: Pharmacist Dr Janine Barnes has been awarded an MBE. This was in recognition of her pharmacy work, with Parkinson's partners, and for NICE.
- Flu Vaccines: Performance at 64% staff vaccinated against the 75% target.
- Well Led Inspection: Due to take place between 13<sup>th</sup> and 15<sup>th</sup> February. Core services will also be inspected.
- NHSI Use of Resources Assessment: This is taking place on Monday 14<sup>th</sup> January.
- Anaesthesia Clinical Services Accreditation Process: This is a voluntary kite marking scheme, the review takes place at the end of the month and the service are to be applauded for arranging this opportunity.
- Live Chat: Taking place on a monthly basis with a positive uptake. Mr Atkins, Non Executive Director asked if it was mainly corporate staff logging on. It was confirmed that there was a broad mix of staff. Mrs Holland, Non Executive Director, welcomed the initiative. The Chairman asked about car parking queries raised.



The Chief Executive confirmed that the availability of spaces and parking fines were raised as a concern and she had advised staff of the plans to improve the parking situation.

The Chairman and Board noted the report and the positive news and advised she would write to Dr Barnes to congratulate her on behalf of the Board.

## **19/009 Safe and Caring**

### **19/009.1 Clinical Quality, Safety and Patient Experience Committee Exception Report (Enclosure 14) 11.41am**

Mr Atkins, Non Executive Director, presented the Clinical Quality, Safety and Patient Experience Committee Exception Report, given as Enclosure 14.

The Board noted the following key highlights:

The Trust continues to perform better than the national average on the number of falls and falls within harm.

The concern surrounding medicines supply linked to the Brexit uncertainties.

The ED Mortality Review (Berwick summary report) had been reviewed. This was to be reported further at the private session of the Board.

The Chief Operating Officer confirmed that there had been positive targeted work on the management of incidents.

The Chairman and Board noted the report and assurances provided.

### **19/009.2 Chief Nurse Report (Enclosure 15) 11.57am**

The Deputy Chief Nurse presented the Chief Nurse Report given as Enclosure 15.

The Board noted the following key issues:

- Safe Staffing was detailed at Appendix 1 and had been discussed in full at the Finance and Performance Committee.
- 39 staffing incidents had been reported, 37 with no harm and 2 with low harm. Both related to CSW vacant shifts. Additional assurance was provided within the report and the Board noted that an additional 22 CSWs were commencing with the Trust.
- Agency controls continue and a review took place of the controls by NHSI in November. The results had been discussed in detail at the Executive Team in place of this.

- Resuscitation training provision continues to be challenging because of recent turnover but some recruitment had occurred, Additional training sessions with support from medical colleagues was on going.
- Work was ongoing on safeguarding at the Trust and a meeting has taken place with the Chair of the Safeguarding Board to provide assurance.
- Quality Priorities: There had been initial discussions by Executives and at CQSPE which were recommending that the existing priorities be retained. In addition sepsis management would be considered as one of the clinical effectiveness metrics.
- Falls: 2<sup>nd</sup> Falls Practitioner is being seconded to the team to provide additional support.
- No Grade 4 pressure ulcers since February 2018.
- The Quality Heat Map for November 2018 was included as a reference matrix as part of Appendix 2 of the report.
- Mandatory Training: It was reported that this was on trajectory for Infection Control training.

The Chief Executive gave an update on Medical Devices and a business case for a training data base is being presented to the Executive Team for approval the following week to ensure we are in line with other organisations.

The Chief Executive asked the Board whether they had questions on safeguarding and enquired about the safeguarding risks. The Deputy Chief Nurse confirmed that these related to the capacity of the team to undertake the current programme of work.

A new champion for MUST scores has been appointed to ensure consistent compliance could be obtained.

The Chairman and Board noted the report and the actions underway.

### **19/009.3 Infection Control Report (Enclosure 16)** **11.45am**

Kim Jarrett, Clinical Nurse Specialist for Infection Prevention and Control presented the Infection Control Report, given as Enclosure 16.

The Board noted the following key highlights:

For 2018/19 the C.Diff target limit is 28 cases associated with a lapse in care. There have been 17 post 48 hour cases from 1<sup>st</sup> April to 20<sup>th</sup> November, 2018.

There has been 1 post 48 hour MRSA case in October and a number of actions were put in place following the identification of the case. The Chief Executive confirmed that this is the first case in 4 years and acknowledged the excellent infection control performance at the Trust.

The Board noted the progress made in reducing E.coli bacteraemia.

Mandatory training at annual intervals is at 84.6% on trajectory to reach the target of 90% by the end of the financial year.

The Chief Operating Officer stated that the Trust should be pleased with its infection control performance.

The Chief Executive asked about the position relating to flu. Currently, the Trust does not have many inpatients with flu and no ventilated patients. Flu is on the increase though and the Trust is well prepared to manage flu cases appropriately within the organisation.

Dr Hopkin, Associate Non Executive Director, asked about Nursing Homes and the support they received. It was confirmed that community nursing do go into nursing homes to support their provision.

Mr Atkins, Non Executive Director, stated that recent figures on infection control mandatory training suggested the target was at risk and asked that more focus was given to this in the remaining months.

The Chairman asked for assurance on the action plan following last year's review meeting. It was confirmed that the action plan is actively monitored through the Infection Control Group which reports to the Clinical Quality, Safety, Patient Experience Group and sustained performance was being seen.

The Chairman and Board noted the report.

## **19/010 Responsive and Effective**

### **19/010.1 Integrated Performance Report (Enclosure 17) 12.11pm**

The Chief Operating Officer presented the Integrated Performance Report given as Enclosure 17.

The Board noted the following key issues:

- Performance for November 2018.
- Cancer key metrics: It is highly likely the 62 day referral to treatment target will be missed for the quarter following a difficult November. The target for December should be achieved. Work with was ongoing with the Cancer Alliance and clinical leaders to ensure performance is sustained.
- RTT: 93.3% against the 92% target.
- DM01: Above target at 99.1%.

- ED Emergency Access Standard: This continues to be a challenge for the organisation. An issue is the available community beds. Currently there are about 100 delayed transfers of care. The Trust has had to use elective Orthopaedic beds due to the lack of capacity. Combined performance for the month is 82.2%. The Chairman asked what is being done about capacity in the health economy. The Chief Operating Officer confirmed that some accommodation be opened at Busheyfields but there are no staff available to support additional ward.
- Standard Hospital Mortality Index: SHMI shows the Trust mortality for the August reporting period to be the lowest ever reported.
- Appraisals: The new appraisal window opens in April until the end of June 2019.
- Mandatory Training: Good performance at 88.72% but some slippage from target due to operational pressures.
- Sickness Rate: Decreased to 4.76% from 4.96% in November. Staff who have had 100% attendance during the year will be recognised.
- Turnover Rate: Positive retention of staff continues as 9.52% which is above the target of 8.5%. This position compares favourably with peers.

Mr Miner, Non Executive Director, asked about the mortality metric in the report. The Chief Executive confirmed this related to the gold standard performance around end of life.

Mr Atkins, Non Executive Director, asked about the Red to Green initiative and how this works in relation to delayed transfers of care. The Chief Operating Officer confirmed that the organisation now tracks its beds better using Red to Green processes.

Mr Welford, Non Executive Director, asked about turnover. The Director of HR confirmed that the trend continues to go down.

The Chairman and Board noted the report and performance for November.

## **19/010.2 Finance and Performance Committee Exception Report (Enclosure 18) 12.30pm**

The Director of Finance presented the Finance and Performance Committee Exception Report, given as Enclosure 18.

The Board noted the following key issues:

- A favourable December financial position would enable the Trust to deliver against Q3 plan.

- The year to date position on CIP remains strong.

The Chairman and Board noted the report.

## **19/011 Well Led**

### **19/011.1 Brexit Contingency Plan (Enclosure 19)**

**12.31pm**

The EPRR Manager presented the Brexit Contingency Plan Report given as Enclosure 19.

The Board noted the following key issues:

- The Chief Operating Officer has been appointed as the Executive Lead for Brexit.
- A business impact analysis has been undertaken.
- Reciprocal healthcare, procurement, pharmacy and medical devices have been identified as impact areas. Concerns around Pharmacy and medical devices are being dealt with at a national level. Trusts are not expected to medicine stock pile or over prescribe.
- The Trust has asked for assurance from Interserve about their own impact arrangements.
- Blood Services are a concern, although some guidance and local assurances have been reviewed. The Trust is working closely with Royal Wolverhampton.
- Workforce may be impacted by a no deal exit and the Trust is working closely with HR Departments in other local Trusts.
- Fuel: National plans are in place.
- A Brexit Working Group is meeting on a regular basis.
- A resilience exercise will be undertaken to test plans.

The Chairman asked about the impact on community pharmacies. The Board noted that GPs have been issued with guidance.

The Chairman and Board noted the report and asked that the Board receives a monthly update on the increasing risks associated with Brexit.

|  |
|--|
| <b>Further Report to the February Board.</b> |
|--|

**19/011.2 Charitable Funds Committee Report (Enclosure 20)****12.42am**

Mr Atkins, Committee Chair presented the Charitable Funds Committee Report given as Enclosure 20.

The Board noted the following key issues:

- Income was ahead of plan.
- Income for Q2 was roughly balancing with expenditure
- Applications over £5k would now need a presentation to the Committee with a 6 month post implementation benefit review.

The Board noted that the Trust had met and exceeded the Baby Bereavement suite appeal target.

The Chairman and Board noted the report and thanked Mr Atkins for his work and that of the Charitable Funds Committee.

**19/012 Any Other Business****12.46pm**

There were no other items of business to report and the meeting was closed.

**19/013 Date of Next Meeting****12.46pm**

The next Board meeting will be held on Thursday, 7<sup>th</sup> February, 2019, at 12.15pm in the Clinical Education Centre.



Signed .....

Date .....

**Action Sheet**  
**Minutes of the Board of Directors Public Session**  
**Held on 10 January 2019**

| <i>Item No</i>            | <i>Subject</i>   | <i>Action</i>   | <i>Responsible</i> | <i>Due Date</i> | <i>Comments</i>   |
|---------------------------|--|---|--------------------|-----------------|---|
| 18/134.2<br>&<br>19/005.2 | Service Improvement Group                              | The Chief Operating Officer to contact Mr Stonelake for an update on the appointment of additional Radiographers.                               | KK                 | 10/1/19         | Update circulated to the Board on 10 <sup>th</sup> January 2019.  |
| 19/005.1                  | Finance and Performance Committee                      | The updated Recruitment and Retention Business Case will be presented to the January Finance and Performance Committee.                         | AM                 | 31/1/19         | Business Case approved by the Executive Business Case Panel.  |
| 18/137.1                  | Clinical Quality, Safety, Patient Experience Committee | Check that safeguarding system is live across all partners.   | CLM                | 7/2/19          | Child Protection Information Sharing is live across the urgent care settings which are maternity, Paeds, and ED. It is not mandated in other areas as per NHSE guidance |
| 19/011.1                  | Brexit Contingency Plan                                | Progress report to the February Board.  | KK                 | 7/2/19          | On Agenda   |
| 19/007                    | Board Assurance Framework                              | Further discussions on the Board Assurance Framework to take place at the next Board Workshop.  | GG                 | 14/2/19         | Not Due   |
| 18/139.5                  | Research and Development Report                        | The next report to Board to include further detail on commercial opportunities and comparisons with research levels undertaken at other Trusts. | JN                 | 6/6/19          | Not Due   |



Paper for submission to the Board of Directors on 7<sup>th</sup> February 2019

|  |  |  |   |
|--|--|--|---|
| <b>TITLE:</b>  | <b>Public Chief Executive's Report</b>   |  |   |
| <b>AUTHOR:</b>   | <b>Diane Wake, Chief Executive</b>   | <b>PRESENTER</b>   | <b>Karen Kelly, Chief Operating Officer</b>               |
| <b>CLINICAL STRATEGIC AIMS</b>   |  |  |   |
| <i>Develop integrated care provided locally to enable people to stay at home or be treated as close to home as possible.</i>   | <i>Strengthen hospital-based care to ensure high quality hospital services provided in the most effective and efficient way.</i> | <i>Provide specialist services to patients from the Black Country and further afield.</i>                              |   |
| <b>ACTION REQUIRED OF BOARD</b>  |  |  |   |
| <b>Decision</b>  | <b>Approval</b>  | <b>Discussion</b>  | <b>Other</b>  |
|  |  | X  |   |
| <b>OVERALL ASSURANCE LEVEL</b>   |  |  |   |
| <b>Significant Assurance</b>   | <b>Acceptable Assurance</b>  | <b>Partial Assurance</b>   | <b>No Assurance</b>                                       |
| <input checked="" type="checkbox"/> <p>High level of confidence in delivery of existing mechanisms / objectives</p>  | <input type="checkbox"/> <p>General confidence in delivery of existing mechanisms / objectives</p>                               | <input type="checkbox"/> <p>Some confidence in delivery of existing mechanisms / objectives, some areas of concern</p> | <input type="checkbox"/> <p>No confidence in delivery</p> |
| <b>RECOMMENDATIONS FOR THE BOARD</b>   |  |  |   |
| The Board are asked to note and comment on the contents of the report.   |  |  |   |
| <b>CORPORATE OBJECTIVE:</b>  |  |  |   |
| SO1, SO2, SO3, SO4, SO5, SO6   |  |  |   |
| <b>SUMMARY OF KEY ISSUES:</b>  |  |  |   |
| <ul style="list-style-type: none"> <li>• Visits and Events</li> <li>• Healthcare Heroes</li> <li>• CQC</li> <li>• Use of Resources</li> <li>• Changes to Pre-op Assessment</li> <li>• Charity Dates for the Diary</li> <li>• Smoking Update</li> <li>• National News</li> <li>• Regional News</li> </ul> |  |  |   |

| IMPLICATIONS OF PAPER:                     |                     |   |  |
|--|---------------------|---|--|
| RISK                                       | N                   |   | Risk Description:                                      |
|  | Risk Register:<br>N |   | Risk Score:  |
| COMPLIANCE<br>and/or<br>LEGAL REQUIREMENTS | CQC                 | Y | Details: Safe, Effective, Caring, Responsive, Well Led |
|  | NHSI                | N | Details:   |
|  | Other               | N | Details:   |

## Chief Executive's Report – Public Board – February 2019

This report is intended to give a brief outline of some of the key activities undertaken as Chief Executive since the last meeting and a highlight a number of items of interest.

Items below are not reported in any order of priority.

### Visits and Events

|                          |                                      |
|--------------------------|--------------------------------------|
| 9 <sup>th</sup> January  | Transition Board                     |
| 10 <sup>th</sup> January | Board of Directors                   |
|                          | Healthcare Heroes Presentations      |
|                          | Extraordinary Council of Governors   |
| 11 <sup>th</sup> January | Team Brief                           |
| 14 <sup>th</sup> January | Use of Resources Review              |
|                          | Visit to Outpatients                 |
| 16 <sup>th</sup> January | A&E Delivery Board                   |
| 21 <sup>st</sup> January | Black Country STP Partnership Board  |
| 22 <sup>nd</sup> January | NHSI Performance Review Meeting      |
|                          | Dudley Oversight and Assurance Group |
| 24 <sup>th</sup> January | Live Chat                            |

### Healthcare Heroes – December and January

Congratulations to Viquar Qurashi and Ward B3 who are this January's Healthcare Hero team winners! This award is our way of saying thank you.

Ward B3 have received the award for their strength in teamwork which pulls them together despite the challenges that they face, the team continues to make the shift run smoothly and still has the passion, motivation and care for every single one of their patients and each other. Well done!



Viquar Qurashi received the award due to the amazing work that he does in foreign countries whilst using his annual leave from the Trust. Viquar has transformed the lives of thousands of people who have lost limbs in countries across the world that have been hit by natural disasters or war. Since 2005 Viquar and his team have fitted more than 10,000 artificial limbs made from plastic drain pipes. Well done!

Don't forget to nominate your Healthcare Heroes to be in the running for next month's awards!



Congratulations to Julie-Ann Watford and C2 Children's Ward, who were December's Healthcare Hero winners! This award is our way of saying thank you.

Julie-Ann Watford, paediatric speech and language therapist and C2 Children's ward, Julie-Ann Watford received the award after being nominated by Emily, mum to patient Daisy, who wanted to thank Julie-Ann for her outstanding work, going above and beyond and for supporting the family and Daisy throughout the difficult time that she spent in hospital by being both an advocate and a problem solver. The compassionate care you deliver is incredible .Well done!





C2 Children's ward received the award for their extremely hard work throughout November when admissions raised by 20% compared to the previous year. The staff on the ward went above and beyond doing extra shifts and hours whenever they could to support the increase in admissions.



### **CQC inspection initial feedback**

The CQC visited surgery, outpatients, diagnostics and emergency department on the 15-17<sup>th</sup> January 2019 and fed back initial thoughts. We are really proud of our emergency department who have made major changes and improvements and the CQC felt it was noticeable how well the department was functioning. The department has improved in all areas with a real focus on safety of patients. They felt the clinical leadership have a great grip on things and could demonstrate a real vision for the service.

Surgery received overwhelmingly excellent feedback, staff were enthusiastic and motivated to undertake work above and beyond best practice, they felt surgeons were very forward thinking and innovative. There were many areas of notable practice by nurses and consultants. Staff are actively engaged in clinical decisions and could share what they learnt from complaints. Strong leadership and governance in all areas.

Outpatients they felt was good with caring staff and that safeguarding and MDT's were good. They felt there were some issues with the physical environment in OPD and we are reviewing all areas to see what we can do within our current environment.

Our Diagnostics service has some work to do to improve and an improvement plan has been developed straight away to address the issues.

The CQC then revisited our End of Life pathways on 23<sup>rd</sup> and 24<sup>th</sup> January and I am thrilled! Dr Jo Bowen and the palliative care and end of life team were praised for being exceptional pioneers in the field of end of life care. Their passion for end of life care and ambition to be even better than they are, across the hospital and community, impressed the CQC. One inspector was blown away by an amazing service that is offering fantastic patient centred high quality care and noted the exceptional feedback from families. The inspectors saw many examples of staff going above and beyond.

Thank you to everyone who has been interviewed and welcoming to our inspectors they gave overwhelmingly positive reports of how caring everyone is and that is a credit to all staff.

## **Use of Resources**

In March 2018 the Well Led element of CQC inspections was extended to formally include the 'Use of Resources' assessment. Use of Resources is assessed through Key Lines of Enquiry (KLOEs) across 5 domains; clinical services, clinical support services, people, corporate and finance. The purpose is to determine the Trusts effective use of resources to improve patient outcomes. Information is obtained from a national benchmarking database called Model Hospital and local intelligence. On 14<sup>th</sup> December 2018 we submitted written commentary to the NHSI/CQC assessment team, as invited, to support each domain. On the 14<sup>th</sup> January we had a full day assessment involving Executives, Non Executives, clinicians and senior managers from throughout the organisation. The output will be a written report to sit alongside other Well Led assessment documentation.

## **Changes to Pre-op Assessment**

Patients are now being asked to drop in to a new pre-op assessment clinic straight from their surgical outpatient appointment to improve patient experience and help reduce on the day cancellations. Patients waiting for surgery will no longer be booked into a separate pre-op assessment appointment before the day of surgery. The new pre-op assessment clinic will help prepare them for theatre. A consultant anaesthetist will be dedicated to pre-op between 09.00am-5pm and nurse assessment available between 09.00am-6.30pm. A 'drop in' service will also provide more flexibility for patients. Appointment letters will make patients aware that they may need to stay after their outpatient appointment.

## **DGFT Charity Dates for your Diaries**

**Million Steps Challenge** – as part of our commitment to staff health and wellbeing we have launched our million steps challenge, so why not keep those New Year's resolutions going with a pledge to do a million steps in six weeks and raise some money for the charity along the way.

**Go Neon for Neonatal** – 9<sup>th</sup> June 2019 get your runners on and join in the rainbow coloured fun to make this year's event even more successful than last.

## **Smoking Update**

Further to Trust Board approval for the site to work towards being Smoke-Free, we can confirm that plans are now in place for this to take place from Monday 3<sup>rd</sup> June 2019. The funding to support the project has been confirmed and a team appointed to support staff with the transition leading up to the date when shelters will be removed and the Trust sites will be designated Smoke Free.

## **National NHS News**

### **At the heart of this NHS cash boost lies a dishonesty: tax**

Theresa May's boast that extra funding won't involve tax rises should set alarm bells ringing. Theresa May wants the new political season to kick off with a conversation about the NHS. She visited a children's hospital in Liverpool bearing a "long-term plan" and a suitcase full of Treasury cash.

The launch had two goals: first, remind voters of the £20.5bn extra funding the government promised for the health service in England last year. (Some news sounds so good it is worth announcing twice.) Second, demonstrate that the government has something to say unrelated to Brexit. Except uncertainty over Europe fogs everything. May can't see 10 weeks into the future, so the pretence of gazing at a 10-year horizon is unconvincing.

**The Guardian (07.01.19)**

### **NHS to incentivise more doctors to become generalists**

More doctors will be encouraged to train as generalists rather than specialising in a specific area of medicine, according to the long-term plan for the NHS. The proposal is designed to shift away from the dominance of what the plan describes as "highly specialised" medicine to ensure medics are better able to provide care to patients who have more than one long-term condition. It is part of a wider emphasis on the future workforce of the NHS, with plans to expand the numbers of registered nurses and doctors and improve working conditions to improve retention rates.

**Health Service Journal (07.01.19)**

### **NHS and councils full of financial problems, says watchdog**

The number of NHS and local government bodies with significant financial weaknesses in their ability to give value for money is unacceptably high and increasing, according to Whitehall's spending watchdog. The National Audit Office has examined the financial statements from nearly 937 local health authorities, councils, police and local fire bodies which are responsible for about £154bn of net revenue spending every year. **The Guardian (09.01.19)**

### **Plans for first integrated care trust delayed by a year**

The creation of the NHS' first integrated care trust has been delayed until 2020, due to the complexity of the contractual model. Dudley Clinical Commissioning Group, which is set to create the NHS' first integrated care provider, has had to push its plans back by a year. The CCG, which previously planned to award its integrated care contract this year, said it will now not be able to award the contract until April 2020, despite almost completing the procurement phase. Last year, the commissioner confirmed intentions to split its main acute trust, the Dudley Group Foundation Trust, in two, leaving a residual acute trust and creating a new multispecialty community provider. The latter would hold the integrated MCP contract, which would potentially include some form of contractual arrangement with GPs and some primary care commissioning functions.

**Health Service Journal (16.01.19)**

### **NHS tests AI software to diagnose breast cancer**

The UK's National Health Service (NHS) has announced that it will start testing software that uses artificial intelligence (AI) algorithms to help doctors detect and diagnose breast cancer, according to a Financial Times (FT) report. Kheiron Medical, the company that developed the technology, is launching a trial on historic scans this month at a National Health Trust in Leeds. The firm is also using their new technology to test tens of thousands of historic scans from the East Midlands to determine whether or not it is capable of detecting signs of breast cancer.

**Software Testing News (16.01.19)**

**NHS must tackle 'systemic racism' as report shows staff discrimination on the rise**

The NHS has been urged to tackle its "systemic racism" as new figures reveal that black and minority ethnic (BME) backgrounds remain "grossly underrepresented" and discrimination is on the rise. The number of BME staff who reported experiencing discrimination in the last 12 months has risen to 15% according to data published by NHS England in a new workforce race quality standard report.

**National Health Executive (17.01.19)**

**NHS medicine shortage: what medicines are affected?**

Widely used painkillers, antidepressants and blood pressure drugs are among 80 medical products that have been put on a "price concessions" list by the Pharmaceutical Services Negotiating Committee, which supplies NHS pharmacies - up from 35 in October. The list features drugs for which the Department of Health has agreed to pay over the odds in order to prevent shortages.

**The Week (18.01.19)**

**'NHS Long-Term Plan' integration efforts hindered by funding systems, says NAO**

The National Audit Office says the 'NHS Long-term Plan' is "prudent" but a full assessment of its targets will depend on funding for social care and other, non-NHS England parts of the health service. NHS funding systems "do not support" partnership working and integration, the National Audit Office (NAO) has warned.

**The Pharmaceutical Journal (21.01.19)**

**Instant messaging alert service to help medics fight flu in hospitals**

A new WhatsApp-style messaging service has been set up to alert doctors if a patient has been tested positive for flu to help reduce the spread of the virus within hospitals. Clinicians at University Hospital Southampton NHS Foundation Trust (UHS) previously spent more than an hour calling round wards to provide the results of flu tests.

**News and Star (21.01.19)**

**A blood test for Alzheimer's remains a distant possibility, study suggests**

Researchers have developed a blood test that can predict your chances of getting Alzheimer's, claim several media reports. But any suggestion of a major breakthrough is a little hasty. The research only involved people with a rare hereditary form of Alzheimer's disease caused by genetic mutations (Dominantly Inherited Alzheimer's Disease). In these people, researchers could detect raised levels of a specific protein called neurofilament light chain (NfC) in their blood that is created when the structure of previously healthy nerve cells are damaged or destroyed. Tests suggest that raised levels of NfCs could be detected as much as 16 years before symptoms of Alzheimer's start in people with this genetic form of the disease.

**NHS (22.01.19)**

**Trusts breaching GP urgent cancer referral targets every quarter**

The national standard that calls for cancer patients to start treatment within two months of an urgent GP referral has been breached every quarter since 2014, an NHS England report has found. Between July and September last year, nearly three quarters of treatment providers failed to meet the target - which requires 85% of patients with an urgent referral to begin treatment within 62 days. Some regions reported just 42% of patients had started within the required timeframe.

**Pulse Today (22.01.19)**

**Spending on agency staff has 'increased markedly' by 171% to cover vacancies**

NHS spending on agency staff in Wales has risen 171% in the last seven years, the majority of which is spent by the health service to provide cover for vacant positions, according to the Welsh Audit Office (WAO). The financial watchdog said NHS spending on agency and locum staff reached £135.7m in 2017-18, peaking in Wales at £164.4m in 2016-17, and attributed the rise in spending to escalating hourly rates charged by agencies, an increase in demand for services, and difficulties recruiting and retaining staff.

**National Health Executive (23.01.19)**

**Antibiotic resistance plan to fight 'urgent' global threat**

Drug-resistant superbugs are as big a threat as climate change, the health secretary will say as he unveils a new five-year plan to tackle the problem. Overuse of antibiotics is making infections harder to treat and leading to thousands of deaths a year through drug-resistant superbugs. The government plans to change the way it funds drug companies to encourage them to develop new medicines. It is also increasing efforts to cut unnecessary use of the drugs.

**BBC News (24.01.19)**

**Regional NHS News**

**One million GP appointments wasted as West Midland patients fail to show up**

There are around 22 million booked slots with GPs, nurses, therapists and other practice staff across the region every year. It has been revealed that five per cent of those are missed without enough notice to invite other patients – working out at around 1.1 million wasted appointments. While in the Black Country, 144,000 appointments were wasted out of 7.2 million that were booked with GPs in the region – costing at least £4.3 million.

**Express and Star (05.01.19)**

**West Midlands Ambulance staff losing startling number of days due to stress**

Stress accounted for almost a fifth of sick days among ambulance staff in the West Midlands last year. New figures released by NHS Digital show that paramedics in our region took a total of 4,235 days off because of anxiety, stress, depression and other stress-related illnesses between July 2017 and June 2018. That accounted for 19.1% of the total of 22,172 days lost for all reasons. Separate workforce figures show there are a total of 2,671 full-time or equivalent staff at West Midlands Ambulance Service NHS Foundation Trust. It suggests each full-time paramedic is losing an average of 1.6 days a year to stress. Across England, stress related sickness was responsible for 21 per cent of all paramedic absences over the period.

**Birmingham Live (11.01.19)**

**Huge increase in flu as number of cases doubles to 2 MILLION in one week**

The number of cases of flu across the country have doubled to two million in a week, according to figures released today. People are being urged to get themselves vaccinated after health bosses confirmed that this winter's influenza virus has begun. This comes after weeks of very little activity being reported by Public Health England (PHE). Millions are suffering symptoms such as a fever, chills and body aches and experts fear that this could put pressure on the already stretched NHS. The virus is now circulating widely across the UK and within the space of a week, cases have risen by 85 per cent in England and by 55 per cent in Wales.

**Mirror (11.01.19)**



**Grandfather died of pneumonia 36-hours after being sent home from hospital**

A grieving widow has blasted a hospital after her husband died from pneumonia 36-hours after being sent home from A&E without a simple blood test that could have saved his life. Rob Walker, 61, was referred to Sandwell Hospital after he visited his GP complaining of difficulty breathing and a painful cough on November 28, 2017. But a consultant discharged the dad-of-one without reviewing his blood test results and prescribed antibiotics for a chest infection.

**Yahoo News (15.01.19)**

**More donor livers could be used for transplantation thanks to exciting new development**

A procedure assessed by NICE and used in research led by the University of Birmingham has been hailed as an exciting development in increasing the number of livers which can be safely used for transplantation. A perfusion machine can keep the donated liver viable for transplantation for longer. The machine reduces the rate of tissue deterioration that occurs after the liver has been removed from the donor and extends how long the liver can be stored before transplantation.

**University of Birmingham (16.01.19)**

**Child type 2 diabetes epidemic in Birmingham triggers calls for 'urgent' action**

Six children or young adults a week are admitted to hospital with Type 2 diabetes in the West Midlands. Exclusive figures obtained from NHS Digital show that people under the age of 25 were hospitalised by the disease 335 times in the financial year 2017/18. Figures are rounded to the nearest five to protect anonymity - meaning the true number could be slightly higher or lower.

**Birmingham Live (21.01.19)**

**REVEALED: Hundreds of Britons who buy KIDNEYS on the black market from overseas traffickers charging £30,000 in a bid to avoid NHS waiting lists are coming back with deadly diseases such as HIV and hepatitis**

The NHS is being forced to treat hundreds of Britons who have gone abroad for black-market kidney transplants which go wrong. Patients have returned with serious health problems including HIV and at least one has died from complications caused by the poor treatment overseas. A study by NHS Consultants identified 40 patients in the West Midlands alone who travelled to buy kidneys in Pakistan, India and the Philippines.

**Daily Mail (21.01.19)**





**Paper for submission to the Board 7<sup>th</sup> February 2019**

|   |   |   |   |
|---|---|---|---|
| <b>TITLE:</b>   | <b>29<sup>th</sup> January 2019 Clinical Quality, Safety and Patient Experience Committee Meeting Summary</b> |   |   |
| <b>AUTHOR:</b>  | Mary Sexton – Interim Chief Nurse   | <b>PRESENTER</b>  | Doug Wulff – Committee Chair                          |
| <b>CLINICAL STRATEGIC AIMS</b>  |   |   |   |
| <i>Strengthen hospital-based care to ensure high quality hospital services provided in the most effective and efficient way.</i>  |   |   |   |
| <b>ACTION REQUIRED OF THE BOARD</b>   |   |   |   |
| <b>Decision</b>   | <b>Approval</b>   | <b>Discussion</b>   | <b>Other</b>  |
|   |   |   | Y   |
| <b>OVERALL ASSURANCE LEVEL</b>  |   |   |   |
| <b>Significant Assurance</b>  | <b>Acceptable Assurance</b>   | <b>Partial Assurance</b>  | <b>No Assurance</b>                                   |
| <input type="checkbox"/><br>High level of confidence in delivery of existing mechanisms / objectives  | <input type="checkbox"/><br>General confidence in delivery of existing mechanisms / objectives                | <input checked="" type="checkbox"/><br>Some confidence in delivery of existing mechanisms / objectives, some areas of concern | <input type="checkbox"/><br>No confidence in delivery |
| <b>RECOMMENDATIONS FOR THE BOARD</b>  |   |   |   |
| The Board should note the assurances provided by the Committee and the actions they took at the last meeting. The Board should also note that there are no specific matters requiring referral to the Board from the December.  |   |   |   |
| <b>CORPORATE OBJECTIVE:</b>   |   |   |   |
| <b>SO 1 – Deliver a great patient experience</b><br><b>SO 2 – Safe and caring services</b>  |   |   |   |
| <b>SUMMARY OF KEY ISSUES:</b>   |   |   |   |
| <b><u>HEALTH &amp; SAFETY ISSUE</u></b><br><br>Recent Mock CQC inspections highlighted Trustwide non-compliance with COSHH standards in respect of storage. The audit has identified that there is a need to address gaps in resources relating to insufficient Health & Safety advisor. The committee agreed that the business case needs to be heard at the next Business Case Panel and offered to support and assist with the quick acceptance of the Business Case. The committee requested that immediate mitigation is put in place and assurance has been requested for next CQSPE. |   |   |   |

### **TIMELINESS OF DATA AT CQSPE**

The Committee raised concerns regarding the timeliness of information and data within some of the reports submitted. The Committee could only obtain partial assurance as the data did not always reflect the latest position. The Chair has asked all report authors to review and ensure all reports have the latest data available for future reports.

### **IMPLICATIONS OF PAPER:**

|   |                                   |          |   |
|---|-----------------------------------|----------|---|
| <b>RISK</b>   | <b>Y</b>                          |          | <b>Risk Description:</b> covers many risks, key are those related to the Trust quality priorities, deteriorating patient and patient experience |
|   | <b>Risk Register:</b><br><b>Y</b> |          | <b>Risk Score:</b> numerous across the BAF, CRR and divisional risk registers   |
| <b>COMPLIANCE<br/>and/or<br/>LEGAL REQUIREMENTS</b> | <b>CQC</b>                        | <b>Y</b> | <b>Details:</b> Links all domains   |
|   | <b>NHSI</b>                       | <b>Y</b> | <b>Details:</b> Links to good governance  |
|   | <b>Other</b>                      | <b>N</b> | <b>Details:</b>   |



**The Dudley Group**  
NHS Foundation Trust

**Paper for submission to the Board of Directors February 2019**

|  |  |   |   |
|--|--|---|---|
| <b>TITLE:</b>  | <b>CHIEF NURSE REPORT</b>  |   |   |
| <b>AUTHOR:</b>   | <b>Carol Love-Mecrow,<br/>Deputy Chief Nurse</b>   | <b>PRESENTER:</b>   | <b>Carol Love-Mecrow,<br/>Deputy Chief Nurse</b>          |
| <b>CLINICAL STRATEGIC AIMS</b>   |  |   |   |
| <i>Develop integrated care provided locally to enable people to stay at home or be treated as close to home as possible.</i>   | <i>Strengthen hospital-based care to ensure high quality hospital services provided in the most effective and efficient way.</i> | <i>Provide specialist services to patients from the Black Country and further afield.</i>   |   |
| <b>ACTION REQUIRED OF BOARD</b>  |  |   |   |
| <b>Decision</b>  | <b>Approval</b>  | <b>Discussion</b>   | <b>Other</b>  |
|  |  | <b>X</b>  |   |
| <b>OVERALL ASSURANCE LEVEL</b>   |  |   |   |
| <b>Significant Assurance</b>   | <b>Acceptable Assurance</b>  | <b>Partial Assurance</b>  | <b>No Assurance</b>                                       |
| <input type="checkbox"/><br><br>High level of confidence in delivery of existing mechanisms / objectives   | <input type="checkbox"/><br><br>General confidence in delivery of existing mechanisms / objectives                               | <input checked="" type="checkbox"/><br><br>Some confidence in delivery of existing mechanisms / objectives, some areas of concern | <input type="checkbox"/><br><br>No confidence in delivery |
| <b>RECOMMENDATIONS FOR THE BOARD</b>   |  |   |   |
| Receive this report as requested by the Board and note its content.  |  |   |   |
| <b>CORPORATE OBJECTIVE:</b>  |  |   |   |
| SO1: Deliver a great patient experience,<br>SO2: Safe and Caring Services,<br>SO3: Drive service improvements, innovation and transformation,<br>SO4: Be the place people choose to work,<br>SO5: Make the best use of what we have,<br>SO6: Deliver a viable future   |  |   |   |
| <b>SUMMARY OF KEY ISSUES:</b>  |  |   |   |
| The Chief Nurse has professional responsibility for nurses, midwives and allied health professionals (AHPs) within the Trust however, does not operationally manage the majority of these staff. The oversight and management of staff within the Trust is within the divisional management structure, which reports to the chief operating officer (COO) via the divisional directors.<br><b>Appendix 1</b> Provides this month's detailed update on safer staffing, agency controls and recruitment and retention. |  |   |   |

## **SAFER STAFFING**

- The target fill rate for qualified staff for December of 90% was not achieved for a number of areas in December 2018.
- The Trust compares favourably to its peers in a number of quality indicators included within the Model Hospital.
- Meetings with the Lead Nurses and Matrons continue focussing on recruitment and retention of staff to facilitate a reduction in the use of bank and agency nurses.
- 59 staffing incidents were reported in December 2018, none resulted in harm to patients.

## **AGENCY CNROLS**

- Bank usage has reduced in month whilst agency (RN) usage has seen an increase within month. Bank usage of CSWs has also seen an increase. Contributing factors are winter pressures and a high number of patients requiring cohorting or providing 1-1 care.
- All bank and agency requests continue to be assessed daily by the Associate Chief Nurses to ensure continued patient safety and financial balance.
- A combination of bank and agency usage remains consistently lower than vacancies /operational deficits.
- Use of non-framework agency remains an Executive only authorisation.

## **RECRUITMENT AND RETENTION**

- 81 Experienced / graduate nurses are due to start over the next four weeks (at time of report)
- There are currently 121 wte nursing/ AHP adverts live on NHS Jobs.
- Targeted and monthly recruitment events continue.

## **RESUSCITATION**

- The resuscitation team continues to focus on training, offering additional training sessions where possible and providing additional support during increased capacity.

## **SAFEGUARDING**

- The Dudley Safeguarding Board (DSB) have sought assurance that both adult and paediatric safeguarding is being managed across the Trust. This has been provided by the Head of Safeguarding and the Deputy Chief Nurse. Regular meetings have now been scheduled with the DSB chair
- The Care Quality Commission (CQC) inspection continues to focus on the daily Paediatric Liaison Service audit
- Safeguarding training and its high priority for the Trust continues. The Paediatric Liaison Nurse and Named Nurse for Safeguarding Children have continued to provide bespoke teaching sessions within ED, pertaining to areas of identified trends and learning needs. Additionally, visits to areas Trust wide have taken place aimed at increasing staff awareness of the Safeguarding Team, provision of key resources and tailored safeguarding training. This has been received exceptionally well..

## **FALLS**

- The Deputy Chief Nurse is discussing a second falls practitioner with finance to provide additional support to the service.
- Falls have shown an increase in December 2018 but this does not alter the consistent trajectory of remaining below the national average of falls per 1,000 occupied bed days. Input from falls prevention has been targeted at the areas showing higher than usual falls rates. Falls with harm remain consistently below the national average.

## **PROFESSIONAL DEVELOPMENT**

### **Medical Devices**

- Agreement has been given to purchase E-quip™ medical devices management system that will enable us to asset control and give accurate training records in real time as the program will link to the ESR.

### **Sepsis Practitioners**

- Two further posts have been appointed to and are currently moving through employment checks in preparation to starting with the team.

#### **Pre-Registration**

- Pre-registration team continue to work with Worcester University looking at taking student Nurses who are interested in placement with DGNHS FT. Wolverhampton university numbers remain significant below initial requested places.

#### **COMPLAINTS**

During Q3, a total of 77 complaints were received by the Medical & Integrated Care Division, which indicates a decrease of -10.46% from Q2, 2018/19 (86) and 45.28% increase (53) for the same period last year (Q3, 2017/18). The Emergency Department has seen the biggest rise in complaints during Q3, 18/19 (30) compared with Q3, 17/18 (16).

During Q3, a total of 61 complaints were received by the Surgical Division, which indicates a decrease of -12.85% from Q2, 2018/19 (70) and 56.41% increase (39) for the same period the previous year (Q3, 2017/18). Further analysis has identified that Surgical Assessment Unit (SAU) have seen a decrease in complaints in Q3, 18/19 (7) compared to Q3, 17/18 (13 including SAU and ward B5).

During Q3, the Trust received correspondence from 18 complainants who were dissatisfied with their original complaint response from the Trust.

These included clinical discrepancies within the initial response letter and complainants stating that some of their initial concerns had not been resolved. The complaints were initially closed in Q3, Q2 and Q1, 18/19. Out of the 18 reopened complaints, four have been responded to and are closed, five have requested local resolutions meetings, which are to be arranged, and the remaining nine complainants have requested a written response.

These related to:

- Medicine & Integrated Care Division - 11
- Surgery Division – 4
- Both Medicine & Integrated Care Division and Surgery Division- 2
- Clinical Support Division- 1

#### **TISSUE VIABILITY**

No category 4 avoidable pressure ulcer reported since February 2018. There was 1 avoidable grade 3 pressure ulcer reported from Community in December 2018 and this is currently under investigation.

#### **AHP UPDATE**

A representative from Therapy Services has been invited to attend an NHSE Workforce Stakeholder event on 4<sup>th</sup> February 2019, to share the work undertaken to develop rotational roles for physiotherapists and occupational therapists within the Dudley Group NHS Foundation Trust. Whilst rotational roles are a well-established institution, the aim will be to show how rotational posts support recruitment and retention of staff.

#### **PATIENT ACUITY TOOL**

Data collection for patient acuity and dependency study in adult inpatient medical and surgical wards started on the 7<sup>th</sup> January 2019 for one month initially.

A bespoke electronic template was developed for data collection and this is completed daily for a month by lead nurses/nurse in-charge and overseen by the Matrons.

The study utilises the Safer Nursing Care Tool (SNCT), a validated tool endorsed by NICE for recommending nursing establishments.

Results of the study will be discussed with the Divisions and presented to the Workforce Committee and then to the Trust Board.

## **WARDS QUALITY HEAT MAP (Page 6)**

Narrative will be provided per metric by exception. The development of the heat map continues to work in progress and will be further developed based on the committee members' feedback and as the ward quality dashboards are revised (work starting in January 2019 and progress monitored through Quality and Safety Group). Trends lines will be incorporated in the future heat map to see each individual wards and indicators trajectory directions.

### **Environmental Cleaning**

Compliance of 95.1% against a target of 95%.

Environmental cleaning score is an aggregated score following audit by Interserve assessing cleanliness of wards and clinical departments. The scores are calculated as; nursing and Interserve. Issues related to Interserve are escalated and rectified with ongoing monitoring of compliance and challenge, where necessary, by the Facilities Team. Nursing scores are monitored through Lead Nurse and Matrons and relevant actions are put in place and communicated through the huddle board.

### **Hand Hygiene**

Compliance of 99.2 against a target of 100%.

Hand Hygiene is an observational audit undertaken as part of the Saving Lives High Impact Interventions monitoring compliance with the Trust Hand Hygiene Policy. Any response compliance less than 100% is recorded as red. AMU 2, C2 and C7 are recorded as less than target compliance. Following discussion with the Matrons for these areas; they will be sharing results at the ward huddle board meetings as a form of raising awareness of the requirements and will be monitored closely going forward in anticipation of the next audit.

### **Saving Lives – 06b Urinary Catheter Ongoing Care**

B5 and C8 failed to achieve the required target for compliance for this audit. Both areas are working towards rectifying this prior to the next audit being undertaken.

### **Serious Incidents**

In December 2018, there were 6 Serious Incidents reported, these were made up of 4 general, 1 fall with harm and 1 avoidable pressure ulcer.

General Serious Incidents reported;

2018/29162 INC47885 – unexpected death in theatre

2018/30088 INC48612 – unexpected admission to NNU and transfer to level 3 unit for cooling

2018/30526 INC48524 – undiagnosed Type 1 diabetes in pregnancy resulting in a pre-viable birth.

2018/29076 INC47717 – inappropriate discharge resulting in a patient readmission with Myocardial infarction and transfer to New Cross.

### **Nutrition Audit**

Compliance of 95.5% against a target of 95%.

The following areas failed to achieve 95% compliance for Nutrition; A2, B1, C5, C6, C7 and C8. The deficits in compliance relate to; the undertaking of initial MUST and weekly reassessments, use of care plans to support nutritional intake, fluid balance management and supporting patients who require assistance with intake. Each area has its own action plan, managed within the division and discussed at Quality and Safety Group in the Associate Chief Nurse condition reports. The identified Matron Leads for Nutrition (Debra Vasey and Sheree Randall) and the Quality Review and Improvement Lead are developing a Trust wide action plan to improve our nutrition audit compliance, managed through Quality and Safety Group once developed. This will mirror the RAP for the CCG in response to our Contract Performance notice in relation to MUST. There is also a task a finish group meeting fortnightly to ensure the progression and completion of actions detailed in the RAP, as well as relevant NPSA alerts.

### **% of Deaths with Priorities of Care**

Compliance of 17.3% against a target of 60%.

Approximately 85% of deaths within the organisation are categorised as expected. 100% of patients with expected deaths should have a Priorities of Care communication tool initiated as soon as this is recognised. This metric is measured through coding identifying where there is a death and if there is a document in place. This is a new way this measure has been calculated and the End of Life team are monitoring and driving improvements. There are plans for this data to be presented in numerical form to provide clarity and trust wide progress is monitored through the End of Life Working Group.

**Skin Bundle**

Compliance of 95.4% against a target of 95%.

The following areas failed to achieve the 95% compliance for Skin Bundle; A2, C4, C5, C6, C7 and Critical Care. The deficits in compliance relate to; completeness of the skin bundle document, repositioning of patients, use of appropriate skin products and pressure ulcer management. Each ward area has its own action plan for improvement, which is monitored within the divisions and progress reported through Quality and Safety Group.

**Appraisals**

C7 are in the process of addressing the deficit with appraisals, however, it should be noted that several of the appraisals have been completed but has they were outside of the appraisal window they are still recorded as non-compliant.

**Mandatory training**

The training recording the lowest compliance are; Infection Control (clinical), Information Governance, Fire, Resuscitation (adult) and Manual Handling. The Non-Medical Education Lead has offered bespoke resuscitation training to areas, in addition to the scheduled sessions and uptake of this is being closely monitored. The Statutory and Mandatory training lead is sending regular mandatory training reminders to all staff.

**Vacancies/RN Fill Rates (Day/Night Shifts)**

Recruitment and retention continue to be a key concern in both divisions. There remains a drive on Trust wide recruitment through the recruitment events and individual area events.

**IMPLICATIONS OF PAPER:**

| <b>RISK</b>   | <b>Y</b>                          |            | <b>Risk Description</b> As detailed within the BAF under the chief nurse |
|---|-----------------------------------|------------|--|
|   | <b>Risk Register:</b><br><b>Y</b> |            | <b>Risk Score</b> As detailed within the BAF                             |
| <b>COMPLIANCE<br/>and/or<br/>LEGAL REQUIREMENTS</b> | <b>CQC</b>                        | <b>Y/N</b> | <b>Details</b>   |
|   | <b>NHSI</b>                       | <b>Y/N</b> | <b>Details:</b>  |
|   | <b>Other</b>                      | <b>Y/N</b> | <b>Details:</b>  |

### Heat Map - December 2018

[illegible]



## Paper for submission to the Finance and Performance Committee January 2019

|   |  |  |   |
|---|--|--|---|
| <b>TITLE:</b>   | <b>Nurse Staffing</b>  |  |   |
| <b>AUTHOR:</b>  | <b>Jo Wakeman Deputy Chief Nurse</b>   | <b>PRESENTER</b>   | <b>Jo Wakeman Deputy Chief Nurse</b>                  |
| <b>CLINICAL STRATEGIC AIMS</b>  |  |  |   |
| <i>Develop integrated care provided locally to enable people to stay at home or be treated as close to home as possible.</i>  |  | <i>Strengthen hospital-based care to ensure high quality hospital services provided in the most effective and efficient way.</i> |   |
| <b>ACTION REQUIRED OF Finance and Performance COMMITTEE</b>   |  |  |   |
| <b>Decision</b>   | <b>Approval</b>  | <b>Discussion</b>  | <b>Other</b>  |
|   |  | <b>y</b>   |   |
| <b>OVERALL ASSURANCE LEVEL</b>  |  |  |   |
| <b>Significant Assurance</b>  | <b>Acceptable Assurance</b>  | <b>Partial Assurance</b>   | <b>No Assurance</b>                                   |
| <input type="checkbox"/><br>High level of confidence in delivery of existing mechanisms / objectives  | <input type="checkbox"/><br>General confidence in delivery of existing mechanisms / objectives | <input checked="" type="checkbox"/><br>Some confidence in delivery of existing mechanisms / objectives, some areas of concern    | <input type="checkbox"/><br>No confidence in delivery |
| <b>RECOMMENDATIONS FOR THE Finance and Performance Committee</b>  |  |  |   |
| To receive the report and note the contents.  |  |  |   |
| <b>CORPORATE OBJECTIVE:</b>   |  |  |   |
| SO1: Deliver a great patient experience<br>SO2: Safe and Caring Services<br>SO4: Be the place people choose to work<br>SO5: Make the best use of what we have<br>SO6: Deliver a viable future |  |  |   |
| <b>SUMMARY OF KEY ISSUES:</b>   |  |  |   |

### Safer Staffing

- The latest position with staffing reviews is included.
- Target fill rate for qualified staff for December 2018 aims for 90%. Many areas failed to achieve this target in December 2018..
- A number of quality indicators have been included from the Model Hospital. The trust compares positively in comparison to our peers. ( updated November 2018)
- All areas are within the agreed variation of 6.3 or more for the CHPPD.
- Meetings with Lead Nurses/Midwives and Matrons continue focusing on recruitment and retention of staff to deliver the reduction in bank and agency usage.
- 59 staffing incidents reported in December 2018, none reported as causing harm.
- National Quality Board Safer Staffing paper due in March 2019

### Agency Controls

- Bank usage has reduced in month whilst agency usage has increased. Bank usage of CSWs has also seen an increase. A contributing factor winter pressures and high number of patients requiring cohorting or providing 1-1 patient care..
- All bank and agency requests continue to be assessed daily by the Divisional Chief Nurses to ensure continued patient safety and financial balance. A breakdown of the main areas using agency staff is included.
- A combination of bank and agency usage remains consistently lower than vacancies /operational deficits.
- Use of non-framework agency remains an Executive only authorisation.
- **Recruitment and Retention update**
- 81 Experienced / graduate nurses are due to start over the next 4 weeks. ( At time of report)
- There are currently 121 wte nursing/ AHP adverts live on NHS Jobs.
- Targeted and monthly recruitment events continue.
- Predictor tools are within the paper as requested. Vacancies have reduced in month by 23wte to 274 wte. Main areas of staff leaving ED, Critical Care and Surgery.

### IMPLICATIONS OF PAPER:

|  |                       |     |  |
|--|-----------------------|-----|--|
| RISK                                       | Yes                   |     | <ul style="list-style-type: none"><li>• <b>Risk Description:</b><ul style="list-style-type: none"><li>➤ Nurse Recruitment – unable to recruit to vacancies to meet NICE guidance for nurse staffing ratios</li><li>➤ Finance – Unable to remain within divisional Budget due to spend on Temporary Staff.)</li></ul></li></ul> |
|  | Risk Register:<br>Yes |     | <b>Risk Score: 20</b>  |
| COMPLIANCE<br>and/or<br>LEGAL REQUIREMENTS | CQC                   | Yes | <b>Details:</b> <ul style="list-style-type: none"><li>➤ Safe- Are patients protected from abuse and avoidable harm</li><li>➤ Effective- Peoples care, treatment and support achieves good outcomes, promotes a good quality of life and is based on the best available</li></ul>   |

|  |              |            |  |
|--|--------------|------------|--|
|  |              |            | <p>evidence</p> <ul style="list-style-type: none"> <li>➤ Caring - Staff involve and treat people with compassion, kindness, dignity and respect</li> <li>➤ Responsive - Services are organised so that they meet people's needs</li> <li>➤ Well Led - The leadership, management and governance of the organisation assures the delivery of high quality person-centred care, supports learning and innovation, and promotes an open and fair culture</li> </ul> |
|  | <b>NHSI</b>  | <b>Yes</b> | <b>Details:</b> Capping of agency  |
|  | <b>Other</b> | <b>Y/N</b> | <b>Details:</b>  |

## **Staffing Reviews**

The latest staffing reviews to be undertaken have been the Acute Medical Unit and the Emergency Department. Following discussion with the Executive Directors a further review has been requested. Outstanding areas include Outpatients and Specialist Nurses and theatres.

## **Safer Staffing**

The Safer Staffing Summary (Appendix 1) shows the actual and planned hours for qualified staff and unqualified staff for both day and night shifts for each area of the Trust based on the establishments that commenced in July 2018. As well as showing the actual and planned hours the report shows the fill rates. The totals for the Trust are also indicated. In addition, the last three columns show the actual Care Hours Per Patient Day (CHPPD). We provide this information to NHS Improvement and part of it is utilised in informing the National Model Hospital data.

As previously indicated, the report is based on the new establishments with the data coming from Allocate. The agreed plan was to achieve 90% fill rate from this month (after a planned 85% for the last three months). The table 2 below indicates fill rates have been improving when taking a Trust wide view. This month there has been a dip in all of the fill rates compared to November. Appendix 1 highlights 13 (12 and 13 in the last two months) wards are not achieving a fill rate of 85% during the day with this applying to 10 wards (8 and 9 last month) at night. With regards to the 90% target, three wards during the day and seven at night achieved this. An additional column has been added to appendix 1 that states the occupancy which can be a contributing factor to low fill rates. Triangulation of data against staffing incidents and quality dashboard KPIs provides the oversight that safe, quality care is being delivered to our patients.

**Table 2 – Trust position against fill rates**

|                   | <b>Planned Qualified</b> | <b>Qualified Day</b> | <b>Unqualified Day</b> | <b>Qualified Night</b> | <b>Unqualified Night</b> |
|-------------------|--------------------------|----------------------|------------------------|------------------------|--------------------------|
| <b>April 2018</b> |                          | 97%                  | 96%                    | 98%                    | 98%                      |
| <b>May 2018</b>   |                          | 95%                  | 97%                    | 97%                    | 97%                      |
| <b>June 2018</b>  | 80%                      | 81%                  | 90%                    | 84%                    | 96%                      |
| <b>July 2018</b>  | 80%                      | 80%                  | 89%                    | 84%                    | 94%                      |
| <b>Aug 2018</b>   | 80%                      | 77%                  | 89%                    | 84%                    | 94%                      |
| <b>Sept 2018</b>  | 85%                      | 78%                  | 84%                    | 83%                    | 90%                      |
| <b>Oct 2018</b>   | 85%                      | 82%                  | 87%                    | 88%                    | 92%                      |
| <b>Nov 2018</b>   | 85%                      | 84%                  | 91%                    | 88%                    | 96%                      |
| <b>Dec 2018</b>   | 90%                      | 81%                  | 87%                    | 86%                    | 91%                      |

## **Mitigation /action**

- Matrons review staffing numbers; patient acuity and skill mix each shift when they mitigate any immediate shortfalls by moving staff between wards and then plan for the night and following day. If mitigation within the division is not possible discussions occur with other

divisions for support. Staffing issues also occur at the capacity meetings and support is requested when required.

- Each ward and department has a bespoke recruitment and retention action plan with monthly rolling adverts on NHS jobs.
- This month it has not been possible to compile the mitigating actions for specific wards in time for the report due the Divisional Chief Nurses having to divert their priorities to pressures of capacity and the inspection visits. There is still an issue with the accuracy of the data of ward B1. The low fill rates are due to closed beds in the elective ward. The planned numbers should have been altered. This issue is being rectified as a priority.

Lead Nurses and Matrons continue to meet regularly with the Associate Chief Nurses to discuss staffing challenges, whilst maintaining patient safety and sustaining financial balance. Monitoring and contingency processes are in place daily to ensure that staffing does not fall below an absolute minimum (which are based on the old establishments). Timely filling of bank shifts continues to be a challenge; however the Divisional Chief Nurses are reviewing this daily to avoid late requests for staff that cannot be filled. The filling of CSW shifts is becoming increasingly challenging with 30% of these shifts not filling over a 4 week period. This has been added to the risk register.

### Care Hours per Patient Day (CHPPD)

Following the publication of the Carter Review (2016) NHS Improvement have issued new guidance which requires all Trusts to report Care Hours per Patient Day. From May 2016 CHPPD has become the principle measure of nursing and care support deployment. CHPPD provides a single consistent metric of nursing and healthcare support worker deployment on inpatient wards and units. Care hours per patient day (CHPPD) (Appendix 1) for the majority of ward areas remain within the nationally agreed variation of 6.3 CHPPD and 16.8 CHPPD for general wards (Carter Review, 2016). Maternity and Critical care remain higher than the mean average this would be expected due to the acuity and dependency of the patient mix.

### Quality Indicators

Rather than considering staffing numbers in isolation, it is useful to compare the Trust to its peers and national figures with regards to the quality of care being provided. A number of quality indicators have been listed below. These come from the Model Hospital (with latest data being November 2018). It can be seen that the Trust compares favourably with its peers and the national picture. In addition December 2018 quality Heat Map has been included within the appendices.

**Table 4**

| Quality Indicator   | Trust % | Peer Median % | National Median % |
|---|---------|---------------|-------------------|
| Proportion of patients on day of survey with "harm-free care"   | 93.4    | 94.1          | 93.9              |
| The proportion of patients with harm from a fall in care - The proportion of patients with evidence of harm from a fall in a care setting in the last 72 hours                              | 0.1     | 0.5           | 0.3               |
| The proportion of patients being treated clinically for a new VTE.  | 0       | 0.3           | 0.4               |
| Proportion of patients on the day of survey with one or more new pressure ulcers of grade 2 to grade 4, where the pressure ulcer developed at least 72 hours after admission to the trust . | 0.4     | 0.9           | 0.7               |

|   |     |     |     |
|---|-----|-----|-----|
| Proportion of patients with an indwelling urethral urinary catheter also receiving treatment for a urinary tract infection (on the basis of notes, clinical judgement and patient feedback), including UTIs that developed before admission to the trust. | 0.8 | 0.4 | 0.7 |
|---|-----|-----|-----|

### **Summary situation of staffing and potential recruitment over the next year**

#### **Internal Recruitment Events**

The next corporate recruitment event is scheduled for the 5<sup>th</sup> February 4.00pm – 7pm in the Clinical Education Centre. The event will advertise for staff looking to return to the NHS from the private sector localities such as nursing homes, practice nursing and other care settings, as well as student nurses due to qualify.

Local recruitment events held and recruited to are:

| Recruitment Event  | Date of Event                  | Number of conditional offers made |
|--------------------|--------------------------------|-----------------------------------|
| C2 Paediatric Ward | 18 <sup>th</sup> December 2018 | 2 experience nurses               |

The following areas have local events booked:

- B3, Theatres and Critical Care – 16<sup>th</sup> January 2018
- ED – 22<sup>nd</sup> January 2019
- AMU 1&2 – 24<sup>th</sup> January 2019

#### **External Recruitment Booked Events**

- BCU jobs fair 5<sup>th</sup> February 2019 Cost Free
- RCNi event NEC Birmingham 13<sup>th</sup> March 2019 Cost £4950
- Worcester University jobs fair 14<sup>th</sup> March 2019 Cost Free

No further external events with costs attached have been booked until analysis of the success of these has been completed to monitor the expenditure against the successful recruitment activity, as recruitment expenditure does not have a specific budget and all activity is currently aligned to the chief nurses' budget.

#### **Recruitment Activity**

At the time of the report, a total of 41 experienced staff (37 nurses and 4 paramedics) are currently going through recruitment clearances. 40 graduate nurses have been allocated to commence on the 28<sup>th</sup> January 2019 on the graduate programme (these numbers are subject to change due to non-completion of training and withdrawals)

Below is a breakdown of this activity.

Experienced Nurses completing recruitment clearances

| Head Count | Band | Area      | Hours WTE | Potential Start Date |
|------------|------|-----------|-----------|----------------------|
| 1          | 5    | C1        | 0.80      | January 2019         |
| 2          | 5    | C7        | 2         | January 2019         |
| 2          | 5    | Community | 2         | January 2019         |

|   |    |                                   |      |              |
|---|----|-----------------------------------|------|--------------|
| 1 | 5  | Community OPAT Clinic             | 1    | January 2019 |
| 1 | 5  | Critical Care/ITU                 | 1    | January 2019 |
| 1 | 5  | Day Case Theatre                  | 1    | January 2019 |
| 2 | 5  | ED                                | 2    | January 2019 |
| 1 | 5  | ED Paediatric Nurses              | 0.80 | January 2019 |
| 2 | 5  | GU Medicine                       | 1.60 | January 2019 |
| 1 | 6  | Learning Disability Liaison Nurse | 1    | January 2019 |
| 3 | 6  | Paramedics ED                     | 3    | January 2019 |
| 2 | 5  | Theatre                           | 2    | January 2019 |
| 1 | 7  | B3 –CNS                           | 1    | January 2019 |
| 1 | 7  | Cardiac Assessment Nurse          | 1    | January 2019 |
| 1 | 7  | ED                                | 1    | January 2019 |
| 1 | 7  | ED – ENP                          | 1    | January 2019 |
| 1 | 8a | Critical Care Deputy Matron       | 1    | January 2019 |

| Head Count | Band | Area             | Hours WTE | Potential Start Date |
|------------|------|------------------|-----------|----------------------|
| 1          | 5    | C5 (a)           | 1         | February 2019        |
| 1          | 5    | B3               | 0.96      | February 2019        |
| 2          | 5    | T&O Outpatients  | 2         | February 2019        |
| 1          | 5    | C4 Day Case Unit | 1         | February 2019        |
| 3          | 5    | ED               | 3         | February 2019        |
| 1          | 5    | Community OPAT   | 1         | February 2019        |
| 1          | 6    | Paramedic ED     | 1         | February 2019        |

| Head Count | Band | Area      | Hours WTE | Potential Start Date |
|------------|------|-----------|-----------|----------------------|
| 1          | 5    | C7        | 1         | March 2019           |
| 1          | 5    | NNU       | 0.96      | March 2019           |
| 1          | 5    | B4        | 1         | March 2019           |
| 1          | 5    | Community | 1         | March 2019           |
| 1          | 6    | Community | 1         | March 2019           |

| Head Count | Band | Area      | Hours WTE | Potential Start Date |
|------------|------|-----------|-----------|----------------------|
| 1          | 5    | Community | 1         | April 2019           |
| 1          | 6    | NNU       | 0.96      | April 2019           |

40 graduate nurses due to commence on the 28<sup>th</sup> January 2019 into the following areas:

| Area/Department          | Head Count | Hours WTE    |
|--------------------------|------------|--------------|
| AMU 1                    | 3          | 2.6          |
| AMU 2                    | 2          | 2            |
| B2 Hip                   | 3          | 3            |
| B3                       | 1          | 1            |
| B5                       | 2          | 2            |
| C1 (a)                   | 4          | 3.8          |
| C1 (b)                   | 1          | 1            |
| C3                       | 1          | 1            |
| C5 (a)                   | 1          | 1            |
| C5 (b)                   | 2          | 2            |
| C7                       | 1          | 1            |
| C8                       | 3          | 3            |
| CCU                      | 2          | 2            |
| Community Nurses         | 2          | 1.44         |
| ED                       | 7          | 6.24         |
| MH DU                    | 2          | 2            |
| Ophthalmology Department | 1          | 0.64         |
| Theatres                 | 2          | 2            |
| <b>Total</b>             | <b>40</b>  | <b>35.72</b> |

These allocations are subject to change due to withdrawals or deferrals for non-completion of nurse training, personal reasons and external candidates taking posts in their training Trusts. The RN nursing predictor is now including an attrition rate of 15% to mitigate this.

### Recruitment Processes

NHS Jobs activity is in the table below and equates to 61.55 FTE vacancies closed and in process of shortlist to interview, 121.45 FTE currently live on NHS Jobs and 7.56 FTE in the VAR process for approval optimising our advertising activity for nursing and AHPs. Monitoring of this is continuing with the resourcing team and recruitment and retention lead weekly reviewing advertised vacancies. High vacancy areas who are not advertising are being targeted and the recruitment and retention lead is continually working with lead nurses, matrons, HR business partners and staff engagement lead on their specific recruitment and retention action plans.

| Job Title                                       | Band | FTE  | Department               | Current vacancy status |
|---|------|------|--------------------------|------------------------|
| Theatre Practitioner                            | 5    | 3    | Operating Theatres       | Advert Closed          |
| CNS for SACT Home Administration                | 7    | 1    | Haematology / Oncology   | Advert Closed          |
| Staff Nurse                                     | 5    | 14   | Critical Care            | Advert Closed          |
| Staff Nurse                                     | 5    | 6    | B1                       | Advert Closed          |
| Staff Nurse                                     | 5    | 10   | B2 Hip Suite             | Advert Closed          |
| Staff Nurse                                     | 5    | 7    | B2 Trauma                | Advert Closed          |
| Professional Development Lead Post-Registration | 7    | 0.75 | Professional Development | Advert Closed          |
| Professional Development Nurse                  | 6    | 1    | Acute Medical Unit       | Advert Closed          |
| Theatre Practitioner                            | 5    | 3    | Operating Theatres       | Advert Closed          |
| Staff Nurse                                     | 5    | 4.8  | B3                       | Advert Closed          |



|   |       |       |                            |                          |
|---|-------|-------|----------------------------|--------------------------|
| Staff Nurse   | 5     | 7     | B4B                        | Advert Closed            |
| Emergency Nurse Practitioner                            | 7     | 3     | ED                         | Advert Closed            |
| Interventional Radiology Nurse                          | 5     | 1     | Imaging                    | Advert Closed            |
| Staff Nurse   | 5     | 2.72  | Renal Unit                 | Advert Open              |
| Advanced Practitioner (AP)/ Trainee AP                  | 8a    | 5     | Medical/ Nursing           | Advert Open              |
| Community Health Nurse                                  | 6     | 1     | Community                  | Advert Open              |
| Community Staff Nurse                                   | 5     | 11.33 | Community                  | Advert Open              |
| Staff Nurse   | 5     | 14    | C8                         | Advert Open              |
| Shift Lead  | 6     | 3     | C8                         | Advert Open              |
| Staff Nurse   | 5     | 7     | C3                         | Advert Open              |
| Staff Nurse   | 5     | 4     | B4                         | Advert Open              |
| Staff Nurse   | 5     | 7     | B4B                        | Advert Open              |
| Staff Nurse   | 5     | 4.8   | B3                         | Advert Open              |
| Bank Theatre Practitioner – Anaesthetics & Recovery     | Other | 1     | Staff Bank                 | Advert Open              |
| Staff Bank Theatre Scrub Practitioner                   | Other | 1     | Operating Theatres         | Advert Open              |
| Senior Sister - Paediatrics                             | 7     | 1     | ED Department- Paediatrics | Advert Open              |
| Theatre Practitioner                                    | 5     | 1     | Day Surgery Unit           | Advert Open              |
| Named Midwife for Safeguarding Children                 | 7     | 0.8   | Safeguarding               | Advert Open              |
| Staff Nurse   | 5     | 30    | ED Department              | Advert Open              |
| Senior Sister   | 7     | 4     | ED Department              | Advert Open              |
| Staff Nurse   | 5     | 14    | Critical Care              | Advert Open              |
| Care Home Educator                                      | 6     | 1     | Medicine & Integrated Care | Advert Open              |
| Staff Nurse Rotation                                    | 5     | 1     | AMU                        | Advert Open              |
| Associate Nurse for Safeguarding Adults                 | 6     | 0.8   | Corporate Nursing          | Advert Open              |
| Shift Lead  | 6     | 5     | Emergency Department       | Advert Open              |
| Bank Staff Nurse  | 5     | 1     | Staff Bank                 | Advert Open              |
| Shift Lead  | 6     | 0.96  | Ward B3                    | Pending Approval Level 2 |
| Pulmonary Rehabilitation Nurse                          | 6     | 1     | Pulmonary Rehabilitation   | Pending Approval Level 3 |
| Staff Nurse   | 5     | 2     | Site Operations            | Pending Approval Level 3 |
| Manual Handling Lead                                    | 6     | 1     | Professional Development   | Pending Approval Level 3 |
| Professional Development Nurse - Clinical Support Staff | 6     | 1     | Professional Development   | Pending Approval Level 4 |
| Colorectal/Stoma care Sister                            | 6     | 0.6   | Stoma therapy Department   | Pending Approval Level 4 |
| Immunology CNS  | 7     | 1     | Immunology                 | Pending Approval Level 4 |

### Clinical Incident staffing analysis

Tables 5 and 6 below detail the number of clinical incidents during December 2018 that related to staffing. In total there were 59 incidents, 46 of these were recorded as no harm and 13 incidents

were reported as a near miss and two as low harm. There were no staffing incidents reported during November 2018 that was stated as causing harm.

Table 5

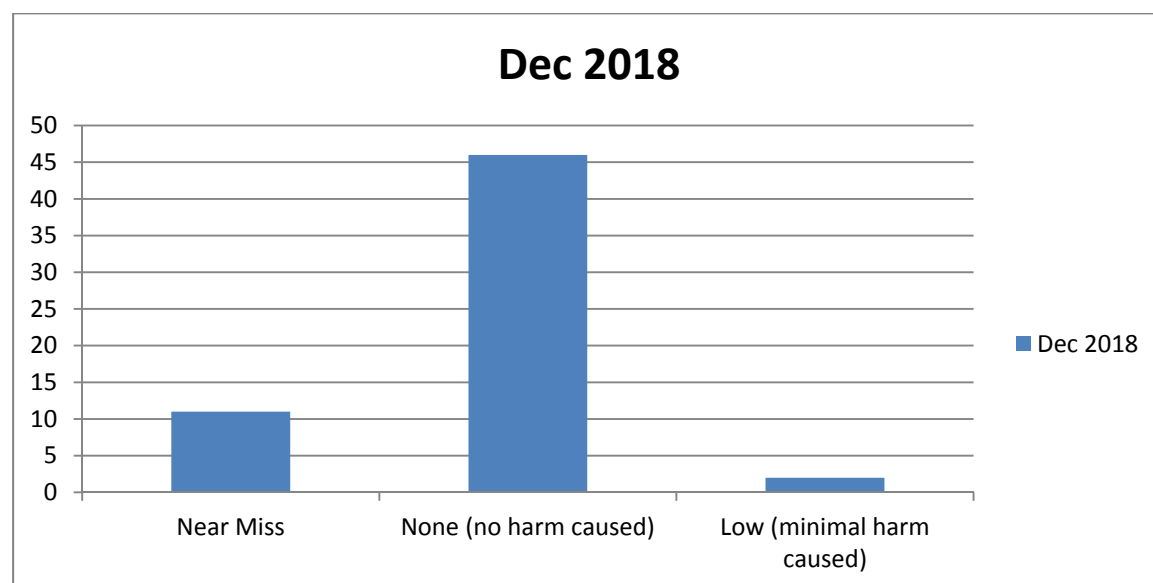
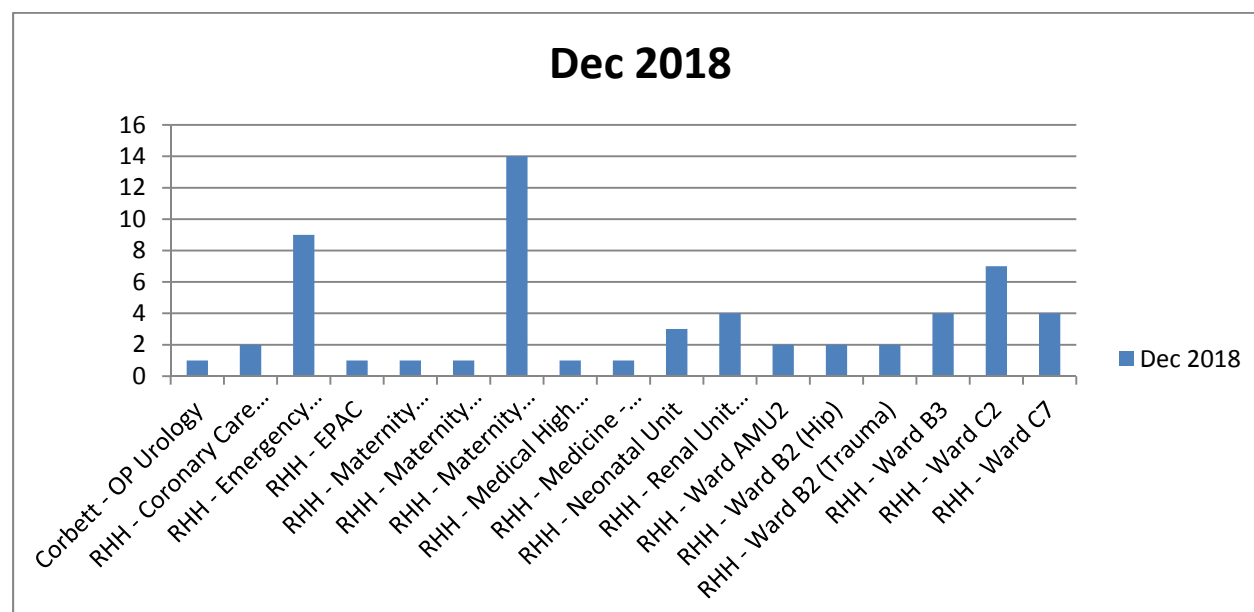


Table 6



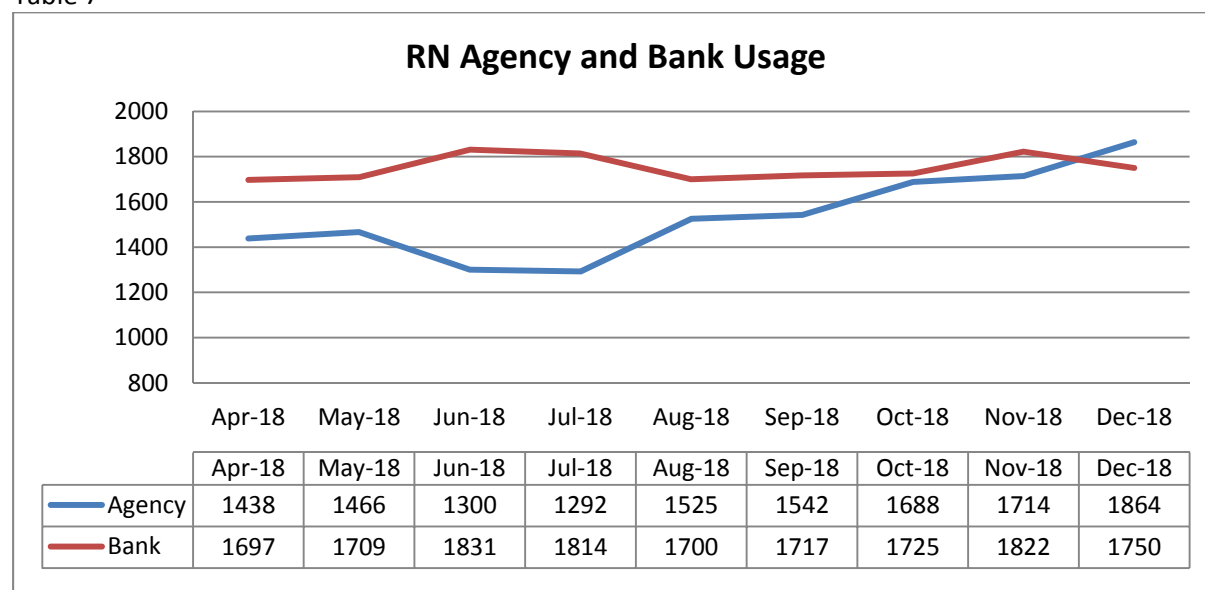
### Agency Controls

All bank and agency requests continue to be risk assessed by the Associate Chief Nurses to ensure continued patient safety and financial balance supporting the overall reduction in agency use. Requests for non-framework agency can only be made in exceptional circumstances and authorised by an Executive Director.

Table 7 shows the comparison usage of bank and agency. During December bank usage has decreased with an increase in agency. CSW bank usage has seen an increase within month contributing factor relates to winter pressures and high numbers of 1-1 care. The controls against agency usage for CSW staff have been maintained with zero shifts during this period (table 8). However, there were two clinical incidents that reported low harm due to the low numbers of CSWs on shift. 30% of CSWs requested shifts not filled in the last 4 weeks.

#### Agency and Bank RN monthly usage

Table 7



#### Top 5 areas for the last two months

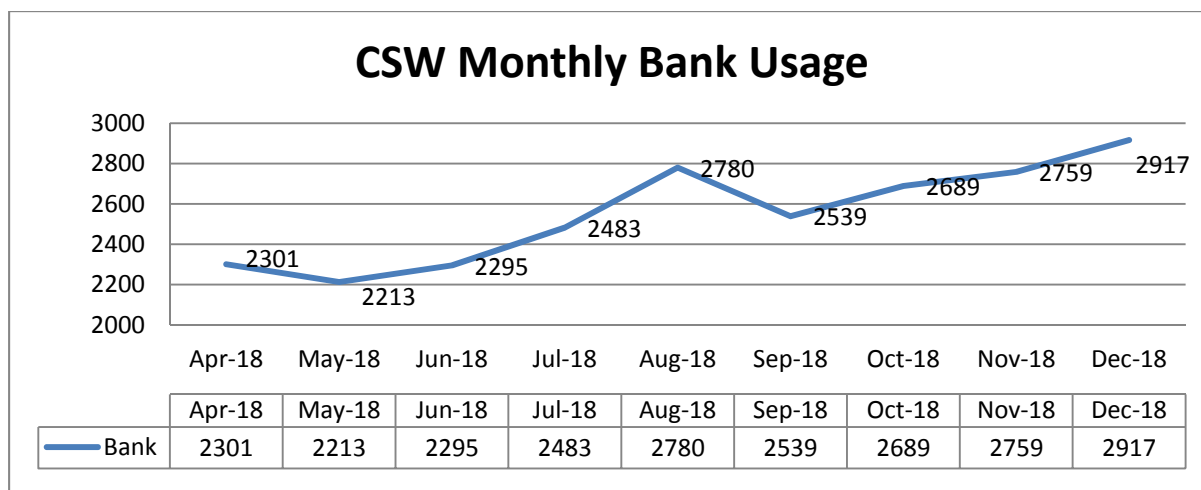
| Ward                        | Oct-18 |
|-----------------------------|--------|
| Emergency Dept Nursing Dept | 299    |
| B3 Emergency Surgery        | 188    |
| A2                          | 154    |
| C8 Stroke Rehab Dept        | 153    |
| Critical Care (ITU)         | 126    |

| Ward                        | Nov-18 |
|-----------------------------|--------|
| Emergency Dept Nursing Dept | 301    |
| B3 Emergency Surgery        | 175    |
| A2                          | 134    |
| C8 Stroke Rehab Dept        | 134    |
| Critical Care (ITU)         | 124    |

| Ward                        | Dec-18 |
|-----------------------------|--------|
| Emergency Dept Nursing Dept | 439    |
| B3 Emergency Surgery        | 167    |
| C8 Stroke Rehab Dept        | 147    |
| AMU 1                       | 108    |
| AMU 2                       | 108    |

#### CSW monthly bank usage

Table 8



### **RN Predictor Tool Current and New Establishments**

The summarised version of the RN predictor tool (Appendix 2) reflects all nursing vacancies across the Trust within clinical and non-clinical roles. It enables a clearer picture of the staffing situation across each group and the whole organisation. Currently there are 274 WTE vacancies against the new establishment following the staffing review.

### **The Clinical Support Worker Predictor Tool**

The Clinical Support Worker Predictor Tool data (Appendix 3) is attached as requested.

## Appendix 1 – Percentage Fill rates by ward and CHPPD

### Safer Staffing Summary

Dec

Days in Month

31

| Ward          | Day RN       | Day RN       | Day CSW      | Day CSW      | Night RN     | Night RN     | Night CSW    | Night CSW    |            |            |            |            | Actual CHPPD  |                   |             |             |             |
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|------------|------------|------------|---------------|-------------------|-------------|-------------|-------------|
|               | Plan         | Actual       | Plan         | Actual       | Plan         | Actual       | Plan         | Actual       | Qual Day   | UnQual Day | Qual N     | UnQual N   | Sum 24:00 Occ | Average Occupancy | Registered  | Care staff  | Total       |
| Evergreen     |              |              |              |              |              |              |              |              |            |            |            |            |               |                   |             |             |             |
| A2 AMU 2      | 261          | 188          | 251          | 180          | 188          | 156          | 225          | 183          | 72%        | 72%        | 83%        | 81%        | 1,217         | 93%               | 3.39        | 3.58        | 6.97        |
| A3            |              |              |              |              |              |              |              |              |            |            |            |            |               |                   |             |             |             |
| A4            |              |              |              |              |              |              |              |              |            |            |            |            |               |                   |             |             |             |
| B1            | 134          | 103          | 66           | 56           | 94           | 69           | 62           | 51           | 77%        | 85%        | 74%        | 82%        | 537           | 67%               | 3.66        | 2.34        | 6.00        |
| B2(H)         | 157          | 131          | 204          | 179          | 124          | 93           | 192          | 185          | 84%        | 88%        | 75%        | 96%        | 876           | 94%               | 3.00        | 4.88        | 7.88        |
| B2(T)         | 119          | 97           | 133          | 120          | 93           | 68           | 103          | 97           | 82%        | 91%        | 73%        | 94%        | 684           | 92%               | 2.91        | 3.82        | 6.73        |
| B3            | 262          | 173          | 226          | 195          | 217          | 174          | 183          | 164          | 66%        | 86%        | 80%        | 90%        | 1,065         | 82%               | 3.83        | 3.95        | 7.78        |
| B4            | 248          | 194          | 291          | 248          | 187          | 153          | 230          | 213          | 78%        | 85%        | 82%        | 93%        | 1,417         | 95%               | 2.87        | 3.86        | 6.73        |
| B5            | 239          | 203          | 174          | 143          | 186          | 182          | 111          | 98           | 85%        | 82%        | 98%        | 89%        | 634           | 85%               | 7.13        | 4.45        | 11.58       |
| B6            |              |              |              |              |              |              |              |              |            |            |            |            |               |                   |             |             |             |
| C1            | 246          | 181          | 285          | 251          | 186          | 166          | 212          | 196          | 74%        | 88%        | 89%        | 92%        | 1,444         | 97%               | 2.88        | 3.67        | 6.55        |
| C2            | 296          | 251          | 74           | 67           | 244          | 207          | 61           | 57           | 85%        | 90%        | 85%        | 93%        | 770           | 83%               | 6.98        | 1.80        | 8.78        |
| C3            | 215          | 188          | 333          | 316          | 186          | 167          | 419          | 389          | 88%        | 95%        | 90%        | 93%        | 1,595         | 99%               | 2.67        | 5.20        | 7.87        |
| C4            | 163          | 155          | 62           | 62           | 124          | 106          | 63           | 70           | 95%        | 99%        | 85%        | 111%       | 667           | 98%               | 4.57        | 2.37        | 6.95        |
| C5            | 249          | 173          | 260          | 279          | 186          | 163          | 192          | 185          | 69%        | 107%       | 88%        | 96%        | 1,465         | 98%               | 2.69        | 3.76        | 6.45        |
| C6            | 122          | 105          | 120          | 86           | 63           | 60           | 124          | 116          | 87%        | 71%        | 95%        | 93%        | 559           | 90%               | 3.45        | 4.33        | 7.78        |
| C7            | 241          | 182          | 183          | 170          | 147          | 122          | 144          | 131          | 76%        | 93%        | 83%        | 91%        | 1,086         | 97%               | 3.19        | 3.25        | 6.44        |
| C8            | 352          | 229          | 235          | 209          | 294          | 210          | 232          | 220          | 65%        | 89%        | 71%        | 95%        | 1,269         | 93%               | 4.06        | 3.97        | 8.03        |
| CCU_PCCU      | 248          | 182          | 65           | 66           | 217          | 147          | 32           | 34           | 73%        | 102%       | 68%        | 106%       | 674           | 84%               | 5.86        | 1.74        | 7.60        |
| Critical Care | 352          | 349          | 70           | 67           | 324          | 323          |              |              | 99%        | 95%        | 100%       |            | 290           | 58%               | 27.20       | 2.19        | 29.40       |
| EAU AMU 1     | 311          | 220          | 322          | 255          | 276          | 258          | 318          | 272          | 71%        | 79%        | 93%        | 86%        | 1,196         | 138%              | 4.80        | 5.29        | 10.08       |
| Maternity     | 938          | 854          | 246          | 212          | 526          | 483          | 155          | 141          | 91%        | 86%        | 92%        | 91%        | 774           | 57%               | 15.77       | 5.06        | 20.84       |
| MH DU         | 184          | 152          | 58           | 37           | 160          | 127          | 18           | 6            | 83%        | 63%        | 80%        | 33%        | 226           | 73%               | 14.52       | 1.95        | 16.46       |
| NNU           | 168          | 149          |              |              | 155          | 147          |              |              | 88%        |            | 95%        |            | 405           | 73%               | 8.39        | 0.00        | 8.39        |
| <b>TOTAL</b>  | <b>5,502</b> | <b>4,459</b> | <b>3,660</b> | <b>3,197</b> | <b>4,177</b> | <b>3,581</b> | <b>3,076</b> | <b>2,809</b> | <b>81%</b> | <b>87%</b> | <b>86%</b> | <b>91%</b> | <b>18,850</b> |                   | <b>4.84</b> | <b>3.74</b> | <b>8.58</b> |

## Appendix 2 - Registered Nurse Predictor Tool- Detail New Establishments

| Qual Nurses Band 5 and Above |                                |   |   | December 2018               |        | To end of Decembe2018 |                | January 2019 |        |             |                | February 2019 |        |             |                | March 2019 |        |             |                | April 2019 |        |                  |                         | May 2019       |            |        |      |  |
|------------------------------|--------------------------------|---|---|-----------------------------|--------|-----------------------|----------------|--------------|--------|-------------|----------------|---------------|--------|-------------|----------------|------------|--------|-------------|----------------|------------|--------|------------------|-------------------------|----------------|------------|--------|------|--|
| Div                          | Team                           | Contracted Vacancy Vs OLD ESTABLISHMENT | Contracted Vacancy Vs NEW ESTABLISHMENT | Adjustments to end of month | Vacs   | All Recruit           | Net Leave (8%) | Agency RAG   | Vacs   | All Recruit | Net Leave (8%) | Agency RAG    | Vacs   | All Recruit | Net Leave (8%) | Agency RAG | Vacs   | All Recruit | Net Leave (8%) | Agency RAG | Vacs   | Targeted Recruit | General Recruit ( 4.3%) | Net Leave (8%) | Agency RAG | Vacs   |      |  |
| Medicine & Integrated Care   | Ward A2 AMU 2 incl EAU         | 0.00                                    | 0.00                                    | 0.00                        | 0.00   | 0.00                  | 0.00           | ●            | 0.00   | 0.00        | 0.00           | ●             | 0.00   | 0.00        | 0.00           | ●          | 0.00   | 0.00        | 0.00           | ●          | 0.00   | 0.00             | 0.00                    | ●              | 0.00       |        |      |  |
|                              | Ward C1                        | 7.08                                    | 14.75                                   | 0.00                        | 14.75  | 4.08                  | 0.16           | ●            | 10.83  | 0.85        | 0.19           | ●             | 10.17  | 0.00        | 0.19           | ●          | 10.36  | 0.00        | 0.19           | ●          | 10.55  | 0.00             | 0.10                    | 0.19           | ●          | 10.64  |      |  |
|                              | Ward C3                        | 9.22                                    | 10.93                                   | (0.45)                      | 11.38  | 0.85                  | 0.17           | ●            | 10.70  | 0.00        | 0.18           | ●             | 10.88  | 0.00        | 0.17           | ●          | 11.05  | 0.00        | 0.17           | ●          | 11.23  | 0.00             | 0.09                    | 0.17           | ●          | 11.30  |      |  |
|                              | Ward C4                        | 0.17                                    | 1.71                                    | 0.00                        | 1.71   | 0.00                  | 0.17           | ●            | 1.88   | 0.00        | 0.17           | ●             | 2.05   | 0.00        | 0.17           | ●          | 2.22   | 0.00        | 0.17           | ●          | 2.38   | 0.00             | 0.09                    | 0.17           | ●          | 2.46   |      |  |
|                              | Ward C4 Onc Day OP             | 4.16                                    | 4.20                                    | 0.00                        | 4.20   | 0.00                  | 0.07           | ●            | 4.27   | 0.85        | 0.07           | ●             | 3.49   | 0.00        | 0.08           | ●          | 3.57   | 0.00        | 0.08           | ●          | 3.64   | 0.00             | 0.04                    | 0.07           | ●          | 3.68   |      |  |
|                              | Ward C5 Area A                 | 3.46                                    | 7.65                                    | 0.00                        | 7.65   | 0.00                  | 0.08           | ●            | 7.73   | 0.00        | 0.08           | ●             | 7.81   | 0.00        | 0.08           | ●          | 7.89   | 0.00        | 0.08           | ●          | 7.96   | 0.00             | 0.04                    | 0.08           | ●          | 8.00   |      |  |
|                              | Ward C5 Area B                 | 4.18                                    | 8.37                                    | 0.00                        | 8.37   | 0.00                  | 0.07           | ●            | 8.44   | 0.00        | 0.07           | ●             | 8.52   | 0.00        | 0.07           | ●          | 8.59   | 0.00        | 0.07           | ●          | 8.66   | 0.00             | 0.04                    | 0.07           | ●          | 8.70   |      |  |
|                              | Ward C7                        | 8.85                                    | 13.51                                   | 0.00                        | 13.51  | 2.55                  | 0.14           | ●            | 11.10  | 0.54        | 0.15           | ●             | 10.71  | 0.85        | 0.16           | ●          | 10.02  | 0.00        | 0.16           | ●          | 10.18  | 0.00             | 0.09                    | 0.16           | ●          | 10.25  |      |  |
|                              | Ward C8                        | 13.07                                   | 29.43                                   | 0.00                        | 29.43  | 1.70                  | 0.16           | ●            | 27.89  | 0.00        | 0.18           | ●             | 28.07  | 0.85        | 0.17           | ●          | 27.39  | 0.00        | 0.18           | ●          | 27.57  | 0.00             | 0.10                    | 0.18           | ●          | 27.65  |      |  |
|                              | Ward CCU                       | 9.08                                    | 16.27                                   | 0.00                        | 16.27  | 1.70                  | 0.19           | ●            | 14.76  | 0.00        | 0.20           | ●             | 14.95  | 0.00        | 0.20           | ●          | 15.15  | 0.85        | 0.19           | ●          | 14.49  | 0.00             | 0.11                    | 0.20           | ●          | 14.59  |      |  |
|                              | Acute Med Unit (EAU)           | 13.93                                   | 18.36                                   | 0.00                        | 18.36  | 3.91                  | 0.41           | ●            | 14.86  | 0.00        | 0.43           | ●             | 15.28  | 0.00        | 0.43           | ●          | 15.71  | 2.55        | 0.42           | ●          | 13.58  | 0.00             | 0.23                    | 0.44           | ●          | 13.79  |      |  |
|                              | Ward MHDU                      | (7.84)                                  | 2.48                                    | 0.00                        | 2.48   | 1.70                  | 0.17           | ●            | 0.95   | 0.00        | 0.18           | ●             | 1.13   | 0.00        | 0.18           | ●          | 1.31   | 0.00        | 0.18           | ●          | 1.48   | 0.00             | 0.09                    | 0.18           | ●          | 1.57   |      |  |
|                              | Ward Ambulatory Emergency Care | (0.21)                                  | (1.65)                                  | 0.00                        | (1.65) | 0.00                  | 0.09           | ●            | (1.56) | 0.00        | 0.09           | ●             | (1.47) | 0.00        | 0.09           | ●          | (1.38) | 0.00        | 0.09           | ●          | (1.29) | 0.00             | 0.05                    | 0.09           | ●          | (1.25) |      |  |
|                              | Emergency Department Nursing   | 0.98                                    | 22.03                                   | 0.00                        | 22.03  | 12.48                 | 0.96           | ●            | 10.51  | 4.25        | 0.50           | ●             | 6.76   | 0.00        | 0.52           | ●          | 7.28   | 0.00        | 0.52           | ●          | 7.80   | 0.00             | 0.28                    | 0.51           | ●          | 8.04   |      |  |
|                              | Community Nursing              | 11.63                                   | 12.13                                   | (0.46)                      | 12.59  | 2.04                  | 0.94           | ●            | 11.49  | 0.00        | 0.95           | ●             | 12.43  | 1.70        | 0.94           | ●          | 11.67  | 2.21        | 0.94           | ●          | 10.41  | 0.00             | 0.51                    | 0.95           | ●          | 10.85  |      |  |
|                              | All Other Med & Int Care Teams | 12.86                                   | 17.61                                   | (1.13)                      | 18.74  | 4.08                  | 1.55           | ●            | 16.21  | 2.13        | 1.57           | ●             | 15.65  | 0.00        | 1.57           | ●          | 17.23  | 0.00        | 1.56           | ●          | 18.79  | 0.00             | 0.83                    | 1.55           | ●          | 19.50  |      |  |
| Surgery                      | Ward B1                        | 3.51                                    | 4.66                                    | 0.00                        | 4.66   | 0.00                  | 0.10           | ●            | 4.76   | 0.00        | 0.10           | ●             | 4.86   | 0.00        | 0.10           | ●          | 4.95   | 0.00        | 0.10           | ●          | 5.05   | 0.00             | 0.05                    | 0.10           | ●          | 5.10   |      |  |
|                              | Ward B2 (T)                    | 2.88                                    | 7.58                                    | 0.00                        | 7.58   | 0.00                  | 0.08           | ●            | 7.66   | 0.00        | 0.08           | ●             | 7.74   | 0.00        | 0.08           | ●          | 7.82   | 2.24        | 0.08           | ●          | 5.65   | 0.00             | 0.05                    | 0.09           | ●          | 5.69   |      |  |
|                              | Ward B2 (H)                    | 4.28                                    | 8.75                                    | 0.00                        | 8.75   | 2.55                  | 0.13           | ●            | 6.33   | 0.00        | 0.14           | ●             | 6.47   | 0.00        | 0.14           | ●          | 6.61   | 0.00        | 0.14           | ●          | 6.75   | 0.00             | 0.07                    | 0.14           | ●          | 6.81   |      |  |
|                              | Ward B3                        | 14.28                                   | 24.91                                   | 0.00                        | 24.91  | 0.85                  | 0.11           | ●            | 24.17  | 0.82        | 0.12           | ●             | 23.48  | 0.00        | 0.12           | ●          | 23.60  | 0.00        | 0.12           | ●          | 23.72  | 0.00             | 0.07                    | 0.12           | ●          | 23.78  |      |  |
|                              | Ward B4                        | 2.36                                    | 6.17                                    | 0.00                        | 6.17   | 0.85                  | 0.09           | ●            | 5.41   | 0.00        | 0.09           | ●             | 5.50   | 0.85        | 0.09           | ●          | 4.75   | 0.85        | 0.10           | ●          | 3.99   | 0.00             | 0.06                    | 0.10           | ●          | 4.04   |      |  |
|                              | Ward B4B                       | 1.96                                    | 5.77                                    | 0.00                        | 5.77   | 0.00                  | 0.09           | ●            | 5.86   | 0.85        | 0.09           | ●             | 5.10   | 0.00        | 0.10           | ●          | 5.20   | 0.82        | 0.10           | ●          | 4.48   | 0.00             | 0.05                    | 0.10           | ●          | 4.52   |      |  |
|                              | Ward B5                        | (2.44)                                  | 1.66                                    | (0.50)                      | 2.16   | 1.70                  | 0.25           | ●            | 0.71   | 0.00        | 0.26           | ●             | 0.97   | 0.00        | 0.26           | ●          | 1.23   | 0.54        | 0.26           | ●          | 0.94   | 0.00             | 0.14                    | 0.26           | ●          | 1.06   |      |  |
|                              | Ward C6                        | 3.12                                    | 2.39                                    | 0.00                        | 2.39   | 0.00                  | 0.09           | ●            | 2.48   | 0.00        | 0.09           | ●             | 2.57   | 0.00        | 0.09           | ●          | 2.66   | 0.00        | 0.09           | ●          | 2.75   | 0.00             | 0.05                    | 0.09           | ●          | 2.80   |      |  |
|                              | Ward C2                        | 0.03                                    | 0.03                                    | (0.02)                      | 0.05   | 0.00                  | 0.25           | ●            | 0.30   | 0.00        | 0.25           | ●             | 0.56   | 0.00        | 0.25           | ●          | 0.81   | 0.00        | 0.25           | ●          | 1.06   | 0.00             | 0.13                    | 0.25           | ●          | 1.17   |      |  |
|                              | Neonatal Unit                  | 1.46                                    | 1.58                                    | (0.71)                      | 2.29   | 0.00                  | 0.25           | ●            | 2.54   | 0.00        | 0.25           | ●             | 2.80   | 0.82        | 0.25           | ●          | 2.23   | 0.82        | 0.26           | ●          | 1.67   | 0.00             | 0.14                    | 0.26           | ●          | 1.79   |      |  |
|                              | I.T.U.                         | 14.79                                   | 18.92                                   | (0.70)                      | 19.62  | 0.85                  | 0.37           | ●            | 19.14  | 0.00        | 0.37           | ●             | 19.52  | 0.00        | 0.37           | ●          | 19.89  | 0.85        | 0.37           | ●          | 19.41  | 0.00             | 0.20                    | 0.37           | ●          | 19.58  |      |  |
|                              | Theatres (Excl ODP's)          | 19.37                                   | 24.17                                   | 0.00                        | 24.17  | 4.25                  | 0.32           | ●            | 20.24  | 0.00        | 0.34           | ●             | 20.58  | 0.00        | 0.34           | ●          | 20.92  | 0.85        | 0.34           | ●          | 20.41  | 0.00             | 0.18                    | 0.34           | ●          | 20.57  |      |  |
|                              | Day Case Theatres (Excl ODP's) | 7.98                                    | 12.11                                   | 0.00                        | 12.11  | 0.85                  | 0.26           | ●            | 11.52  | 0.00        | 0.26           | ●             | 11.78  | 0.00        | 0.26           | ●          | 12.04  | 0.00        | 0.26           | ●          | 12.30  | 0.00             | 0.14                    | 0.26           | ●          | 12.42  |      |  |
|                              | Maternity unit                 | 3.93                                    | 4.45                                    | (0.03)                      | 4.48   | 0.00                  | 0.67           | ●            | 5.15   | 0.00        | 0.67           | ●             | 5.82   | 0.00        | 0.66           | ●          | 6.48   | 0.00        | 0.66           | ●          | 7.14   | 0.00             | 0.35                    | 0.65           | ●          | 7.44   |      |  |
|                              | All other Surgery Teams        | 1.67                                    | 3.88                                    | (0.52)                      | 4.40   | 4.08                  | 1.02           | ●            | 1.34   | 2.13        | 1.04           | ●             | 0.25   | 0.00        | 1.04           | ●          | 1.29   | 0.00        | 1.04           | ●          | 2.33   | 0.00             | 0.55                    | 1.03           | ●          | 2.81   |      |  |
|                              | Corp                           | All Corp Teams                          | (14.84)                                 | 7.25                        | 0.55   | 6.70                  | 0.00           | 0.28         | ●      | 6.98        | 0.00           | 0.28          | ●      | 7.26        | 0.00           | 0.28       | ●      | 7.54        | 0.00           | 0.28       | ●      | 7.81             | 0.00                    | 0.32           | 0.60       | ●      | 8.09 |  |
| Total Qualified Nurses       |                                | 154.95                                  | 312.06                                  | (3.97)                      | 316.03 | 51.07                 | 9.69           |              | 274.66 | 12.41       | 9.43           |               | 271.68 | 5.07        | 9.45           |            | 276.06 | 12.58       | 9.42           |            | 272.90 | 0.00             | 5.25                    | 9.77           |            | 277.42 |      |  |

Notes:

- The above figures report on Trust start date rather than end of supernumerary period so new staff in a particular month are unlikely to work independently until the following month.
  - Adjustments are required to bring current period up to date to the end of the month due to staff starting / leaving / transferring department mid way through the month
  - Attrition rate of 15% applied to known future recruitment based on historic average
  - Agency RAG Rating is used to guide approval of Agency requests:  
**Green** = Under old budgeted establishment and high level of vacancies. **Amber** = 5-10% Vacancy rate, **Red** = Over old budgeted establishment or less than 5% vacancy rate
  - New Establishment uses M12 2018/19 budgeted establishment which represents best fit to future planned level of staffing. This does not reconcile to in month WTE budget as reported in finance F&P report.
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Patients will experience safe care

Heat Map - December 2018

| KPI                                  |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
|--------------------------------------|--------------------------|-------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|---------------------|--------|--------|--------|--------------------|--------|--------|--------|----------------------------|--------|--------|--------|----------------|--------|--------|
| Environmental Cleaning               |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| Hand Hygiene                         |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| MRSA Screening - elective            |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| MRSA Screening - emergency           |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| HCAI CDiff - due to lapses in care   |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| Shaving Laves - 02b peripheral lines |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| Shaving Laves - 06b urinary catheter |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| Data/Incidents reported              |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| Falls/Injuries or Accidents          |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| Pressure Ulcers - Grade 3/4          |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| Serious Incidents                    |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| Never Events                         |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| Nutrition Audit                      |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| Pain Score                           |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| Medicines Management Audit           |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| % of Deaths with Priorities of Care  |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| Defect causing patient harm (CCRO1)  |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| Fluid Balance Management Audit       |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| VTE Assessment Indicator (CCRO3)     |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| NQA - Skin Bundle                    |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| FFT - Response Rate                  |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| FFT - Recommended %                  |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| Complaints                           |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| Complaints                           |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| Appraisals                           |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| Mandatory Training                   |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| RN Average Fill Rate (day shifts)    |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| RN Average Fill Rate (night shifts)  |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| Sickness Rate                        |                          |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        |                     |        |        |        |                    |        |        |        |                            |        |        |        |                |        |        |
| Ward                                 | Patient Safety & Quality |       |        |        |       |       |       |       |       |        |        |        |        |        |        |        | Clinical Indicators |        |        |        | Patient Experience |        |        |        | Workforce & Safer Staffing |        |        |        | Ward RAG Trend |        |        |
| AMU2 (A2)                            |                          |       |        | 94.7%  |       |       |       | 30    | 34    |        |        |        |        |        |        |        |                     |        |        |        | 0                  | 1      |        |        |                            |        |        |        | 2              | 3      | 4      |
| B1                                   |                          |       | 100.0% | 90.0%  |       |       |       | 8     | 5     |        |        |        |        |        |        |        |                     |        |        |        | 0                  | 27     |        |        |                            |        |        |        | 2              | -2     | 0      |
| B2 Hip                               |                          |       | 100.0% | 88.0%  |       |       |       | 13    | 3     |        |        |        |        |        |        |        |                     |        |        |        | 0                  | 25     |        |        |                            |        |        |        | 0              | 0      | 0      |
| B2 Trauma                            |                          |       | 100%   | 80.0%  |       |       |       | 20    | 5     |        |        |        |        |        |        |        |                     |        |        |        | 1                  | 28     |        |        |                            |        |        |        | -3             | 0      | 0      |
| B3                                   |                          |       | 100%   | 83.3%  |       |       |       | 22    | 6     |        |        |        |        |        |        |        |                     |        |        |        | 0                  | 0      |        |        |                            |        |        |        | -3             | -3     | 3      |
| B4                                   |                          |       |        | 100.0% |       |       |       | 26    | 10    |        |        |        |        |        |        |        |                     |        |        |        | 0                  | 0      |        |        |                            |        |        |        | -3             | -2     | 2      |
| B5                                   |                          |       | 0%     | 85.7%  |       |       |       | 9     | 3     |        |        |        |        |        |        |        |                     |        |        |        | 0                  | 5      |        |        |                            |        |        |        | -3             | -3     | 0      |
| C1                                   |                          |       |        | 67%    |       |       |       | 11    | 4     |        |        |        |        |        |        |        |                     |        |        |        | 0                  | 48     |        |        |                            |        |        |        | 0              | 3      | -3     |
| C2                                   |                          |       |        |        |       |       |       | 38    | 0     |        |        |        |        |        |        |        |                     |        |        |        | 1                  | 3      |        |        |                            |        |        |        | 1              | 4      | 8      |
| C3                                   |                          |       |        | 71.4%  |       |       |       | 22    | 4     |        |        |        |        |        |        |        |                     |        |        |        |                    | 2      | 93     |        |                            |        |        |        | -2             | -2     | 2      |
| C4                                   |                          |       | 100%   | 100.0% |       |       |       | 15    | 3     |        |        |        |        |        |        |        |                     |        |        |        | 1                  | 133    |        |        |                            |        |        |        | -3             | 0      | 0      |
| C5                                   |                          |       | 75%    | 87.5%  |       |       |       | 14    | 7     |        |        |        |        |        |        |        |                     |        |        |        | 0                  | 21     |        |        |                            |        |        |        | 1              | -2     | 0      |
| C6                                   |                          |       | 66.7%  | 100%   |       |       |       | 8     | 2     |        |        |        |        |        |        |        |                     |        |        |        | 1                  | 2      |        |        |                            |        |        |        | 0              | 0      | 0      |
| C7                                   |                          |       | 100.0% | 75.0%  |       |       |       | 31    | 6     |        |        |        |        |        |        |        |                     |        |        |        | 0                  | 21     |        |        |                            |        |        |        | 2              | 3      | -5     |
| C8                                   |                          |       |        | 89.7%  |       |       |       | 24    | 7     |        |        |        |        |        |        |        |                     |        |        |        | 0                  | 1      |        |        |                            |        |        |        | 0              | 3      | -3     |
| CCU & PCCU                           |                          |       | 100%   | 87.5%  |       |       |       | 13    | 3     |        |        |        |        |        |        |        |                     |        |        |        | 0                  | 26     |        |        |                            |        |        |        | 1              | 3      | -7     |
| Critical Care                        |                          |       | 100.0% | 84%    |       |       |       | 19    | 1     |        |        |        |        |        |        |        |                     |        |        |        | 0                  | 80     |        |        |                            |        |        |        | -2             | 0      | 2      |
| MHDU                                 |                          |       |        | 92.0%  |       |       |       | 20    | 3     |        |        |        |        |        |        |        |                     |        |        |        | 0                  | 1      |        |        |                            |        |        |        | 0              | 3      | -3     |
| Neonatal                             |                          |       |        |        |       |       |       | 26    | 2     |        |        |        |        |        |        |        |                     |        |        |        | 0                  | 1      |        |        |                            |        |        |        | -3             | 0      | 0      |
| Average/Total                        | 95.1%                    | 99.2% | 85.6%  | 87.4%  | 0     | 96.9% | 95%   | 378   | 88    | 0      | 0      | 0      | 95.5%  | 97.0%  | 92.7%  | 17.3%  | 89%                 | 91.4%  | 80.0%  | 95.4%  | 46.7%              | 91.7%  | 6      | 514    | 94.9%                      | 88.3%  | 79.9%  | 84.2%  | 8.3%           |        |        |
| RAG Rating                           | CCRO1                    | CCRO2 | CCRO3  | CCRO4  | CCRO5 | CCRO6 | CCRO7 | CCRO8 | CCRO9 | CCRO10 | CCRO11 | CCRO12 | CCRO13 | CCRO14 | CCRO15 | CCRO16 | CCRO17              | CCRO18 | CCRO19 | CCRO20 | CCRO21             | CCRO22 | CCRO23 | CCRO24 | CCRO25                     | CCRO26 | CCRO27 | CCRO28 | CCRO29         | CCRO30 | CCRO31 |



### Appendix 3 - CSW Predictor tool.

| CSW PREDICTOR TOOL (Band 2/3)                | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Actual | Predicted |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|
|  | Dec-16 | Jan-17 | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17    |
| Minimum Establishment                        | 480.23 | 480.23 | 480.23 | 480.23 | 480.23 | 480.23 | 480.23 | 480.23 | 480.23 | 480.23 | 480.23 | 480.23 | 480.23    |
| Maximum Establishment                        | 557.99 | 557.99 | 557.99 | 557.99 | 557.99 | 557.99 | 557.99 | 557.99 | 557.99 | 557.99 | 557.99 | 557.99 | 557.99    |
|  |        |        |        |        |        |        |        |        |        |        |        |        |           |
| Staff in Post at Start of Month              | 479.30 | 481.28 | 515.38 | 495.59 | 487.61 | 495.71 | 525.66 | 527.26 | 519.12 | 520.88 | 529.20 | 555.35 | 551.98    |
|  |        |        |        |        |        |        |        |        |        |        |        |        |           |
| Starters (predicted from active recruitment) | 7.78   | 39.68  | 7.40   | 10.40  | 10.40  | 33.60  | 0.00   | 0.53   | 1.92   | 6.72   | 1.00   | 2.92   | 8.48      |
| Leavers                                      | -5.80  | -0.96  | -5.16  | -3.84  | -1.92  | -4.16  | -1.60  | -3.84  | -1.75  | -2.40  | -2.85  | -6.29  | -6.29     |
| Other**                                      |        | -4.62  | -22.03 | -14.54 | -0.38  | 0.51   | 3.20   | -4.83  | 1.59   | 4.00   | 3.00   |        |           |
|  |        |        |        |        |        |        |        |        |        |        |        |        |           |
| Staff in Post at End of Month                | 481.28 | 515.38 | 495.59 | 487.61 | 495.71 | 525.66 | 527.26 | 519.12 | 520.88 | 529.20 | 530.35 | 551.98 | 554.17    |
|  |        |        |        |        |        |        |        |        |        |        |        |        |           |
| Predicted Vacancies Minimum Establishment    | -1.05  | -35.15 | -15.36 | -7.38  | -15.48 | -45.43 | -47.03 | -38.89 | -40.65 | -48.97 | -50.12 | -71.75 | -73.94    |
| Predicted Vacancy % Rate (Minimum Estab.)    | -0.2%  | -7.3%  | -3.2%  | -1.5%  | -3.2%  | -9.5%  | -9.8%  | -8.1%  | -8.5%  | -10.2% | -10.4% | -14.9% | -15.4%    |
|  |        |        |        |        |        |        |        |        |        |        |        |        |           |
| Predicted Vacancies Maximum Establishment    | 76.71  | 42.61  | 62.40  | 70.38  | 62.28  | 32.33  | 30.73  | 38.87  | 37.11  | 28.79  | 27.64  | 6.01   | 3.82      |
| Predicted Vacancy % Rate (Maximum Estab.)    | 13.7%  | 7.6%   | 11.2%  | 12.6%  | 11.2%  | 5.8%   | 5.5%   | 7.0%   | 6.7%   | 5.2%   | 5.0%   | 1.1%   | 0.7%      |



**The Dudley Group**  
NHS Foundation Trust

Paper for submission to Trust Board on 6<sup>th</sup> February 2019

|  |  |                   |   |
|--|--|-------------------|---|
| <b>TITLE:</b>  | <b>Learning from Deaths</b>  |                   |   |
| <b>AUTHOR:</b>   | <b>Dr Philip Brammer<br/>Deputy Medical<br/>Director</b>   | <b>PRESENTER</b>  | <b>Dr Julian Hobbs,<br/>Medical Director</b>                  |
| <b>CLINICAL STRATEGIC AIMS</b>   |  |                   |   |
|  | <i>Strengthen hospital-based care to ensure high quality hospital services provided in the most effective and efficient way.</i> |                   |   |
| <b>CORPORATE OBJECTIVE: SO2: Safe and Caring Services</b>  |  |                   |   |
| <b>SUMMARY OF KEY ISSUES:</b>  |  |                   |   |
| <ul style="list-style-type: none"> <li>The Trust is reporting a SHMI value of 117 for the full 12 months following a recoding exercise line September 17. Current trends are for this to reduce over the next 12 months.</li> <li>External assurance from NHSi shows mortality within the expected range over the last 12 months.</li> <li>The Trust has completed 120 reviews of patient deaths since October 2018</li> <li>The Trust is undertaking improvement and assurance work related to condition specific alerts</li> <li>NHSI have funded £50K to support work with Dudley CCG support a programme of work to address DNA CPR and improve end of life care locally.</li> </ul> |  |                   |   |
| <b>IMPLICATIONS OF PAPER:</b>  |  |                   |   |
| <b>RISK</b>  | <b>N</b>   |                   | <b>Risk Description:</b>                                      |
|  | <b>Risk Register:<br/>N</b>  |                   | <b>Risk Score:</b>  |
| <b>COMPLIANCE<br/>and/or<br/>LEGAL<br/>REQUIREMENTS</b>  | <b>CQC</b>   | <b>Y</b>          | <b>Details: Safe, Effective, Responsive, Caring, Well Led</b> |
|  | <b>NHSI</b>  | <b>N</b>          | <b>Details:</b>   |
|  | <b>Other</b>   | <b>N</b>          | <b>Details:</b>   |
| <b>ACTION REQUIRED OF BOARD</b>  |  |                   |   |
| <b>Decision</b>  | <b>Approval</b>  | <b>Discussion</b> | <b>Other</b>  |
|  |  | <b>X</b>          |   |

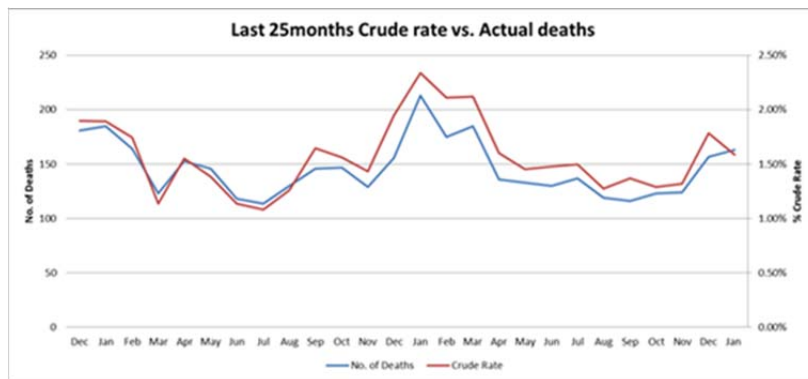
## Learning from Deaths

### **1.0 Introduction**

Following the publication of the National Guidance on Learning from Deaths (March 2017) the Trust is required to report via the Trust Board the approach and key learning from deaths occurring in the Trust.

### **2.0 How We Measure Mortality**

The Trust looks at a number of mortality indicators and long term trends as outlined in appendix 1. The Trust also considers actual number of deaths and the number of deaths occurring in the Trust is displayed below over a 25 month period. (NOTE Jan 19 pro-rata based on 1st - 19th Jan)



#### 2.1 SHMI to August 2018.

The SHMI value is 117 for the full 12 months but if the trend downward highlighted in Fig 1 continues or levels out following high values for the end of 2017/18 it is expected that we would be more assured by our progress. Fig 2 identifies Dudley Groups position nationally.

Fig 1 SHMI Values September 2017- August 2018

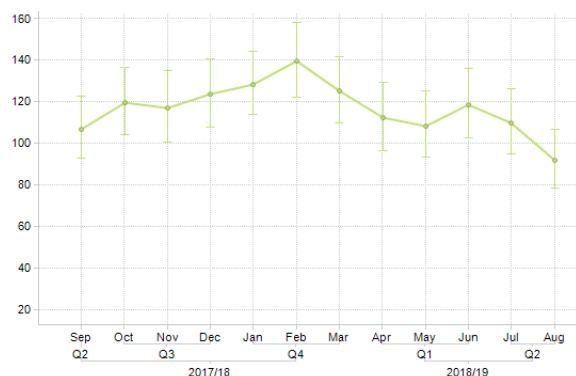
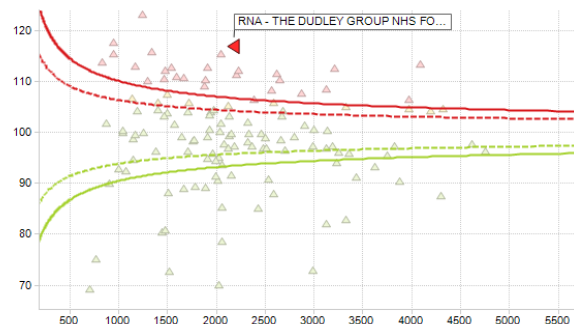
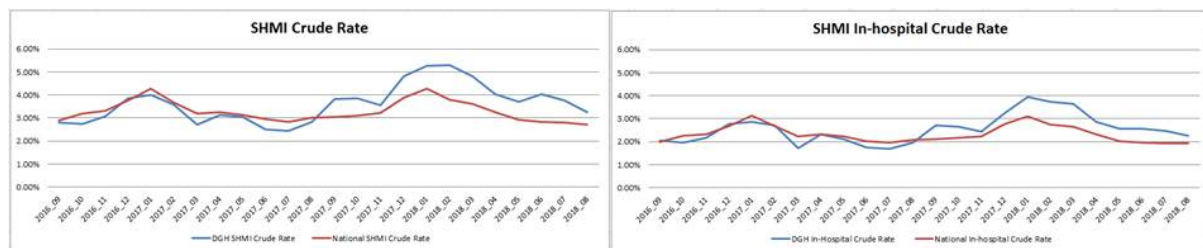


Fig 2 DGH position nationally



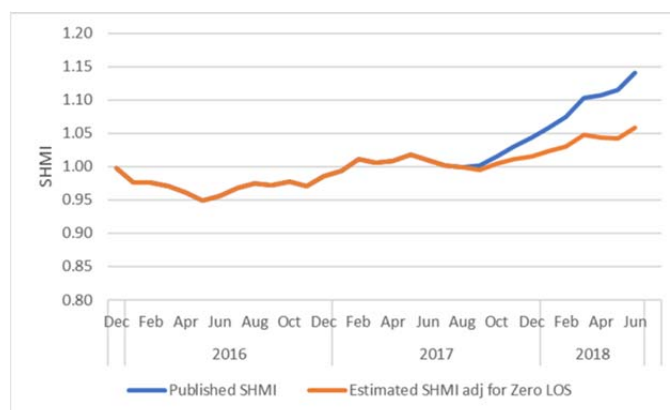
For assurance the Trust has considered the Crude rate over 3 years ( DGH vs. National.) for both deaths within 30 days discharge and in-hospital only. The graphs below indicate a similar pattern for

both local national trends with a slight inflation of the gap in early 2018 due to the documented change in coding of ambulatory patients.



## 2.2 Impact of AEC coding change

The previous paper provided assurance that a noted change in the SHMI for reporting period Apr 17-Mar18 was due to the way patients attending the Ambulatory Emergency Care unit are coded. Following discussions with the CCG and the sharing of NHSI and AQuA modelling it has been agreed to continue monitoring the indicator before any reversal of coding is implemented. Further assurance has been sought from NHSI to model the likely impact on SHMI if the coding changed had not occurred. Including the zero LOS emergency admissions results in an estimated SHMI of 1.06 which is lower than published and not an outlier. This is in line with the long term trend of an increasing SHMI from June 2016 as evidenced in the increasing expectation of death.



## 2.3 Condition Specific Alerts

The Trust receives 'Condition Specific Alerts' and is adopting a standardised approach to responding to alerts. This will include an assessment of coding and a series of clinical review actions that may include peer review, benchmarking of care pathways using recognised material including NICE Guidance and embedding prospective audits. In the latest alerts Acute Renal Failure, Secondary Malignancies, Fluid and Electrolyte Disorders and Chronic Ulcer of Skin are prominent and will be investigated using the structure outlined above. The full list of current alerts is detailed in appendix 2 with associated action plans in appendix 3. The impact of the coding change and winter mortality is now visible in latest alerts.

### **3.0 Trust Approach to learning**

#### **3.1 Completion of Reviews**

As of 16/01/2019 there have been 509 Level 2 reviews requested on the Trust Mortality Tracking System (MTS). However it has been identified that Datix is the largest trigger for secondary review. If a Datix was of a severity requiring a secondary review it would be already flagged via the RCA and SI process. The actual reviews currently outstanding as a result of audit triggers within specialities is 53

A sample of Datix triggers will be reviewed to ensure no concerns are likely to be raised via this route that would not be noted via local mortality audits, SI reporting or RCA process.

Since the previous report in October 2018 the following reviews have been completed;

- 58 Second stage reviews
- 31 reviews for additional assurance
- 16 deaths in relation to patients > 85 with metastatic cancer
- 15 sepsis deaths reviewed

Structured Judgement Review training was provided by the Royal College of Physicians on 24<sup>th</sup> January to increase of the pool of trained reviewers in the Trust. The RCP trainers did provide guidance on the appropriate number of Structured Judgement Reviews (SJR) that should occur over the year to ensure appropriate learning and development of thematic analysis. They were of the opinion that we were currently undertaking appropriate reviews and were in agreement to our proposed management of the numbers generated by Datix alerts.

#### **3.2 External Review of Deaths**

The Trust requested Professor Mike Bewick to undertake a review of deaths occurring in the Emergency Department which commenced in September 2018. A total of 229 cases were reviewed consisting of;

- 169 deaths occurring in the department between Dec 17-June 18
- 60 randomly selected deaths from the previous year

57% of deaths reviewed were preceded by an out of hospital cardiac arrest and 50% of deaths occurred within the first hour of arrival in the ED after substantial and often prolonged attempts at resuscitation. There was also evidence of DNA CPR in place where conveyance to hospital was not deemed appropriate. This is an issue the Trust is aware of and is working with community and CCG colleagues to address this.

Eight cases out of the 229 deaths were highlighted due to concerns over the care during the patients time in the department. These cases were reviewed by the Trust and following the principles of Duty of Candour the families of these patients have been notified. A number of Duty of Candour meetings have taken place to discuss the report findings and all next of kin listed for the patients involved in the review were notified of the review and communicated with in January 2019 regarding the publication of the report.

The themes occurring from the review that are being addressed by the Trust as detailed below;

- Appropriate and timely referral to specialist opinion and management
- Individual error in assessment of diagnosis and escalation to senior specialist opinion by junior staff
- Appropriate observation following triage, especially for patients with significant but as yet ill-defined diagnosis (sepsis and abdominal pain as examples)
- Delays in diagnosis were most apparent during long stays within the ED at times of high workload and demand
- Safeguarding concerns were highlighted in one case following a recent discharge from acute care
- Clinical record- the reviewers were concerned about the adequacy of the current CasCard system and are keen that a move to the new Sunrise system is not delayed.

#### **4.0 Trust Level Learning**

##### **4.1 Learning from Section 28 Notices**

The Trust has received no Section 28 notice since the last report in October 2018. The Trust responded to a previous Section 28 notice relating to the death of a patient in the Emergency Department in November 2018 providing assurance regarding ongoing monitoring of patients in the waiting room following triage.

##### **4.2 Palliative Care**

A review of 16 deaths in relation to patients > 85 with metastatic cancer occurring between Jan 2018 – October 2018 has been undertaken and learning supports previous themes and recommendations identified.

Themes identified include:

- Need for senior review and earlier identification of patients who are End of Life
- Inappropriate hospital admissions with limited conversations with patient and family regarding preferences
- Too much focus on active treatment once patient admitted to hospital rather than recognising and supporting end of life care
- Challenge of co-ordination of care across settings
- Need for improved discussions and documentation regarding treatment escalation plan and DNACPR

The Clinical Strategy Board is considering a proposal to address ongoing issues in relation to the following patient groups;

1. Those with prolonged community CPR and no ROSC
2. Those with DNACPR in place and a need for immediate EoL care best delivered in the community or home.
3. Those in nursing homes with DNACPR and priorities of care in place
4. Those patients admitted to hospital in whom CPR has no prospect of success

The reduction of futile CPR within the hospital will ensure more appropriate and holistic care. Currently we have an above average number of cardiac arrests within the hospital but the expected number of survivors. Improved recognition of those in whom CPR would be futile would allow medical staff to prioritize care. A reduction in the conveyance of patients in an arrested state or with EoL needs would allow a more dignified death in an appropriate setting. This would avoid patients spending their last moments of life in a busy Emergency department and would undoubtedly be better for relatives.

The proposal is to progress 3 work streams in hospital, WMAS and primary care. This will involve medicolegal training for clinicians, Adoption of the Universal TOR guidelines, integration of the WMAS and EMIS systems.

#### 4.3 *Serious Untoward Incidents in Urgent Care 17/18*

As reported in the previous paper there have been 8 SIs since November 2017 relating to Urgent Care with regards to the death of a patient. No further cases relating to the death of a patient have been reported since the last report in October.

#### **5.0 Summary**

The Trust continues to review multiple sources of assurance regarding mortality and has recently completed an internal audit review of the process with recommendations to form a work plan going forwards.

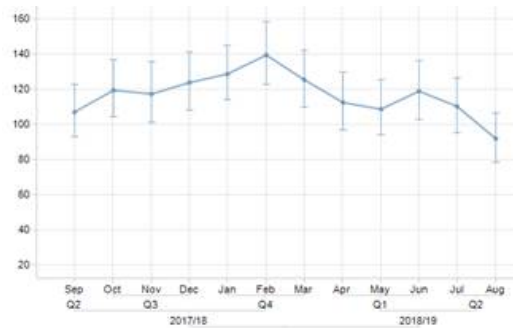
## Appendix 1 : Mortality Data Set

The Trust uses a range of sources to monitor mortality;

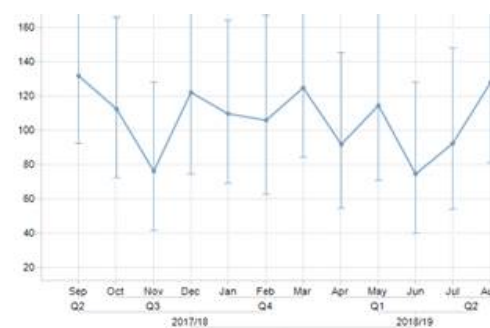
|           | Parameter       | Period               | Numbers (prev. in brackets)  |
|-----------|-----------------|----------------------|------------------------------|
| Mortality | Crude mortality | Oct 2017 to Sep2018  | 1775 – 4.10%* (1775 – 4.10%) |
|           | SHMI            | Sep 2017 to Aug 2018 | 1.17 (1.1)                   |
|           | HSMR            | Nov 2017 to Oct 2018 | 117.2 (118.8)                |

\*Deaths as % of all inpatient admissions (excl. Well babies, Obstetrics, Midwifery)

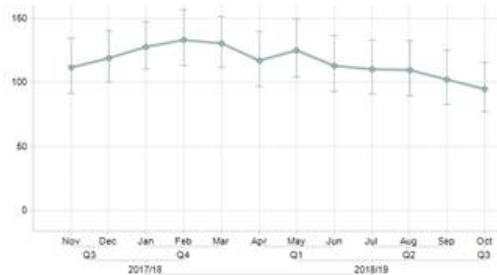
Latest 12 month trend and figure from HED = 1.17 Sep 17 to Aug 18



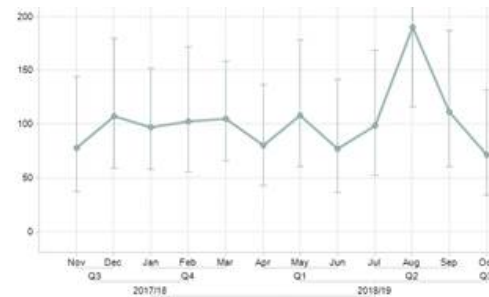
Septicaemia = 1.08



HSMR Nov 17 to Oct 18 = 117



Septicaemia = 100





## Appendix 2 : Condition Specific Learning

Healthcare Evaluation Data (HED) provides summaries of conditions that show higher than expected numbers of deaths. The table below identifies these condition groups as of 16/01/2018.

| Alert | Alert Period        | CCS Diagnostic Group                                     | Expected Death | Observed Death | Number of Discharges | Score  | Alert Level |
|-------|---------------------|--|----------------|----------------|----------------------|--------|-------------|
| HSMR  | Nov 2017 - Oct 2018 | 157-Acute and unspecified renal failure                  | 35.55          | 54             | 355                  | 151.9  | Red         |
| HSMR  | Nov 2017 - Oct 2018 | 125-Acute bronchitis                                     | 33.23          | 53             | 1430                 | 159.5  | Red         |
| HSMR  | Nov 2017 - Oct 2018 | 55-Fluid and electrolyte disorders                       | 13.65          | 26             | 319                  | 190.44 | Red         |
| HSMR  | Nov 2017 - Oct 2018 | 154-Noninfectious gastroenteritis                        | 1.16           | 6              | 137                  | 515.36 | Red         |
| SHMI  | Sep 2017 - Aug 2018 | 42-Secondary malignancies                                | 39.79          | 63             | 180                  | 158.33 | Red         |
| SHMI  | Sep 2017 - Aug 2018 | 55-Fluid and electrolyte disorders                       | 27.65          | 47             | 336                  | 170    | Red         |
| SHMI  | Sep 2017 - Aug 2018 | 103-Pulmonary heart disease                              | 10.35          | 20             | 154                  | 193.28 | Red         |
| SHMI  | Sep 2017 - Aug 2018 | 39-Leukemias   | 6.96           | 15             | 66                   | 215.44 | Red         |
| SHMI  | Sep 2017 - Aug 2018 | 199-Chronic ulcer of skin                                | 10.85          | 24             | 187                  | 221.12 | Red         |
| SHMI  | Sep 2017 - Aug 2018 | 158-Chronic renal failure                                | 2.55           | 8              | 105                  | 314.18 | Red         |
| SHMI  | Sep 2017 - Aug 2018 | 154-Noninfectious gastroenteritis                        | 2.5            | 8              | 65                   | 320.52 | Red         |
| SHMI  | Sep 2017 - Aug 2018 | 96-Heart valve disorders                                 | 2.8            | 9              | 51                   | 321.01 | Red         |
| SHMI  | Sep 2017 - Aug 2018 | 49-Diabetes mellitus without complication                | 1.71           | 6              | 105                  | 350.47 | Red         |
| SHMI  | Sep 2017 - Aug 2018 | 118-Phlebitis; thrombophlebitis and thromboembolism      | 1.3            | 5              | 73                   | 383.2  | Red         |
| SHMI  | Sep 2017 - Aug 2018 | 44-Neoplasms of unspecified nature or uncertain behavior | 2.01           | 9              | 48                   | 448.3  | Red         |
| SHMI  | Sep 2017 - Aug 2018 | 123-Influenza  | 2.5            | 15             | 93                   | 601.01 | Red         |

Appendix 3 Condition Specific Action Plan

| CCS Diagnostic Group                | Known Factors   | Planned Action   | Plan for review of progress date                 | Clinical lead         |
|-------------------------------------|---|--|--|-----------------------|
| Acute and Unspecified renal failure | Previous alert on Renal failure led to Renal physicians evaluating coding and determination of renal failure as cause of death            | To be sent to Renal team for review of data and comment on likelihood of previous agreed action in relation to renal physicians reviewing cause of death being reversed.<br>Work stream related to AQ pathway and NICE guidance. | For review at March Mortality Surveillance Group | Dr Shivakumar         |
| Acute Bronchitis                    | Potential variation in terminology between respiratory physicians   | Review sample of case notes and determine to which consultant's data is attributable.  | For review at March Mortality Surveillance Group | Dr Brammer            |
| Fluid and electrolyte disorders     |   | Sample of case notes to be reviewed  | For review at March Mortality Surveillance Group | Dr Brammer            |
| Secondary Malignancies              | Previous review of did not reveal any major concerns and simply reflected late diagnosis or inappropriate admission with terminal disease | Sample of case notes to be reviewed to examine any new factors.<br>SLA with Wolverhampton implemented and under review.<br>Improved 7DS with additional weekend ward rounds.   | For review at March Mortality Surveillance Group | Dr Taylor             |
| Pulmonary Heart Disease             | New   | Clarify exact diagnostic group   | For review at March Mortality Surveillance Group | Dr Martins            |
| Leukaemias                          | New   | As a new alert refer to haematology department for oversight of data   | For review at March Mortality Surveillance Group | Dr Taylor             |
| Chronic Ulcer of Skin               | New   | As new alert plan to evaluate source of admission data   | For review at March Mortality Surveillance Group | Tissue Viability Team |

|                               |     |  |  |             |
|-------------------------------|-----|--|--|-------------|
| Congestive cardiac failure    | New | Adopt AQ data set and improvement methodology  | For review at March Mortality Surveillance Group | Dr Banks    |
| Alcoholic liver disease       | New | Adopt AQ data set and improvement methodology  | For review at March Mortality Surveillance Group | Dr Fisher   |
| Acute cerebrovascular disease | New | Adopt AQ data set and improvement methodology.<br>Improvement plan related to SSNAP (1. Time to Ct scan , time to Thrombolysis)<br>Implementation of improvement NORSE pathway | For review at March Mortality Surveillance Group | Dr Banerjee |
| Pneumonia                     | New | Contribute to BTS audit and develop action plan based on audit results   | For review at March Mortality Surveillance Group | Dr Doherty  |

**Paper for submission to the Board of Directors on 7<sup>th</sup> February 2019**

|  |  |  |   |
|--|--|--|---|
| <b>TITLE:</b>  | <b>Organ Donation Report</b>   |  |   |
| <b>AUTHOR:</b>   | <b>R. S Uppal</b>  | <b>PRESENTER</b>   | <b>R. S Uppal</b>                                     |
| <b>CLINICAL STRATEGIC AIMS</b>   |  |  |   |
| <i>Develop integrated care provided locally to enable people to stay at home or be treated as close to home as possible.</i>   | <i>Strengthen hospital-based care to ensure high quality hospital services provided in the most effective and efficient way.</i> | <i>Provide specialist services to patients from the Black Country and further afield.</i>                          |   |
| <b>ACTION REQUIRED OF BOARD</b>  |  |  |   |
| <b>Decision</b>  | <b>Approval</b>  | <b>Discussion</b>  | <b>Other</b>  |
|  |  |  | <b>X</b>  |
| <b>OVERALL ASSURANCE LEVEL</b>   |  |  |   |
| <b>Significant Assurance</b>   | <b>Acceptable Assurance</b>  | <b>Partial Assurance</b>   | <b>No Assurance</b>                                   |
| <input type="checkbox"/><br>High level of confidence in delivery of existing mechanisms / objectives   | <input type="checkbox"/><br>General confidence in delivery of existing mechanisms / objectives                                   | <input type="checkbox"/><br>Some confidence in delivery of existing mechanisms / objectives, some areas of concern | <input type="checkbox"/><br>No confidence in delivery |
| <b>RECOMMENDATIONS FOR THE BOARD</b>   |  |  |   |
| <p>Ongoing support of the board is appreciated.<br/>           Recently installed lift wraps have helped raised awareness.<br/>           The ODC are exploring the option of memorial plaques to help remember donors, a shortlist of type and potential locations within the Trust is being drawn up prior to requests for final consideration</p>   |  |  |   |
| <b>CORPORATE OBJECTIVE:</b>  |  |  |   |
| <br>   |  |  |   |
| <b>SUMMARY OF KEY ISSUES:</b>  |  |  |   |
| <p>We have more successful organ donations in the past 12 months than the previous two years combined.</p> <p>Kirst Lazenby, our new SNOD, has settled in very well and built up an excellent rapport with the ITU nursing staff.</p> <p>In the first six months of 2018/19, from 5 consented donors the Trust facilitated 4 actual solid organ donors.<br/>           This resulted in 7 patients receiving a life-saving or life-changing transplant. This does not include the potential of patients who received life saving or life changing tissue transplants-one donor can help up to 50 people through TD</p> |  |  |   |

In addition to the 4 proceeding donors there was one consented donor that did not proceed.

A specialist nurse was present for 6 discussions and not for one, for the single episode when a SNOD was not present the family raised the issue of donation whilst the SNOD was en route.

Organ donation meetings now include the Trust communications team and a representative from ED, this has already led to the development of a screen saver, currently displayed on desktops raising awareness of organ donation. Updating and redesign of the RHH organ donation website is underway.

Louis boxes have been introduced by the organ donation team, these may offered to the families of any dying patient to help create memories.

#### IMPLICATIONS OF PAPER:

| RISK                                       | Y/N                   |     | Risk Description: |
|--|-----------------------|-----|-------------------|
|  | Risk Register:<br>Y/N |     | Risk Score:       |
| COMPLIANCE<br>and/or<br>LEGAL REQUIREMENTS | CQC                   | Y/N | Details:          |
|  | NHSI                  | Y/N | Details:          |
|  | Other                 | Y/N | Details:          |

**Detailed Report**

**Actual and Potential Deceased Organ Donation**

**1 April 2018 - 30 September 2018**

**The Dudley Group Of Hospitals NHS Foundation  
Trust**



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## Further Information

- Appendix A.1 contains definitions of terms and abbreviations used throughout this report and summarises the main changes made to the PDA over time.
- The latest Organ Donation and Transplantation Activity Report is available at <https://www.organdonation.nhs.uk/supporting-my-decision/statistics-about-organ-donation/transplant-activity-report/>
- The latest PDA Annual Report is available at <http://www.odt.nhs.uk/statistics-and-reports/potential-donor-audit/>
- Please refer any queries or requests for further information to your local Specialist Nurse - Organ Donation (SNOD)

## Source

NHS Blood and Transplant: UK Transplant Registry (UKTR), Potential Donor Audit (PDA) and Referral Record.  
Issued November 2018 based on data meeting PDA criteria reported at 8 November 2018.

# 1. Donor Outcomes

A summary of the number of donors, patients transplanted, average number of organs donated per donor and organs donated.

Data in this section is obtained from the UK Transplant Registry

Between 1 April 2018 and 30 September 2018, The Dudley Group Of Hospitals NHS Foundation Trust had 4 deceased solid organ donors, resulting in 7 patients receiving a transplant. Additional information is shown in Tables 1.1 and 1.2, along with comparison data for the first six months of 2017/18. Figure 1.1 shows the number of donors and patients transplanted for the previous ten periods for comparison.

**Table 1.1 Donors, patients transplanted and organs per donor, 1 April 2018 - 30 September 2018 (1 April 2017 - 30 September 2017 for comparison)**

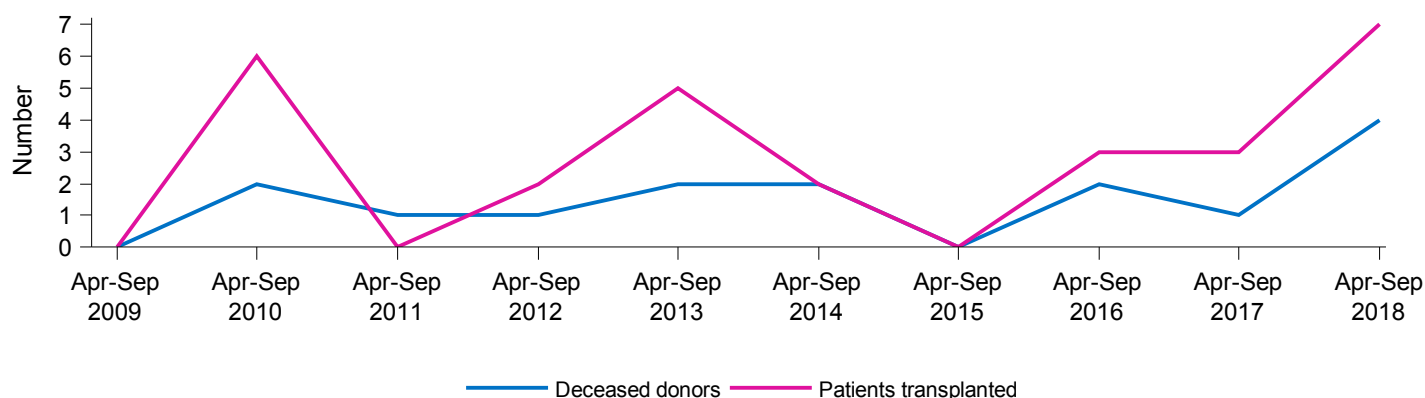
| Donor type  | Number of donors |     | Number of patients transplanted |     | Average number of organs donated per donor |           |
|-------------|------------------|-----|---------------------------------|-----|--|-----------|
|             |                  |     |                                 |     | Trust                                      | UK        |
| DBD         | 3                | (1) | 6                               | (3) | 3.3 (3.0)                                  | 3.6 (3.7) |
| DCD         | 1                | (0) | 1                               | (0) | 2.0 (-)                                    | 2.8 (2.8) |
| DBD and DCD | 4                | (1) | 7                               | (3) | 3.0 (3.0)                                  | 3.2 (3.3) |

In addition to the 4 proceeding donors there was one additional consented donor that did not proceed, where DCD organ donation was being facilitated.

**Table 1.2 Organs transplanted by type, 1 April 2018 - 30 September 2018 (1 April 2017 - 30 September 2017 for comparison)**

| Donor type  | Number of organs transplanted by type |     |          |     |       |     |       |     |      |     |
|-------------|---------------------------------------|-----|----------|-----|-------|-----|-------|-----|------|-----|
|             | Kidney                                |     | Pancreas |     | Liver |     | Heart |     | Lung |     |
| DBD         | 4                                     | (2) | 1        | (0) | 2     | (1) | 0     | (0) | 0    | (0) |
| DCD         | 1                                     | (0) | 0        | (0) | 0     | (0) | 0     | (0) | 0    | (0) |
| DBD and DCD | 5                                     | (2) | 1        | (0) | 2     | (1) | 0     | (0) | 0    | (0) |

**Figure 1.1 Number of donors and patients transplanted, April to September, 2009 - 2018**





## 2. Key Numbers in Potential for Organ Donation

A summary of the key numbers on the potential for organ donation

Data in this section is obtained from the National Potential Donor Audit (PDA)

This section presents key numbers in potential donation activity for The Dudley Group Of Hospitals NHS Foundation Trust. This data is presented in Table 2.1 along with UK comparison data. Your Trust has been categorised as a level 4 Trust and therefore percentages in this section are only presented on a national level. A comparison between different level Trusts is available in the Additional Data and Figures section.

It is acknowledged that the PDA does not capture all activity. In total there were 2 patients referred in the first six months of 2018/19 who are not included in this section onwards because they were either over 80 years of age or did not die in a unit participating in the PDA. 1 of these is included in Section 1 because they became a solid organ donor.

**Table 2.1 Key numbers comparison with national rates,  
1 April 2018 - 30 September 2018**

|  | DBD   |     | DCD   |      | Deceased donors |      |
|--|-------|-----|-------|------|-----------------|------|
|  | Trust | UK  | Trust | UK   | Trust           | UK   |
| Patients meeting organ donation referral criteria <sup>1</sup> | 4     | 991 | 7     | 2831 | 11              | 3695 |
| Referred to Organ Donation Service                             | 4     | 979 | 7     | 2644 | 11              | 3506 |
| <i>Referral rate %</i>   |       | 99% |       | 93%  |                 | 95%  |
| Neurological death tested                                      | 4     | 848 |       |      |                 |      |
| <i>Testing rate %</i>  |       | 86% |       |      |                 |      |
| Eligible donors <sup>2</sup>                                   | 4     | 802 | 5     | 1990 | 9               | 2792 |
| Family approached  | 4     | 733 | 3     | 836  | 7               | 1569 |
| Family approached and SNOD present                             | 4     | 693 | 2     | 723  | 6               | 1416 |
| <i>% of approaches where SNOD present</i>                      |       | 95% |       | 86%  |                 | 90%  |
| Consent ascertained  | 3     | 533 | 2     | 514  | 5               | 1047 |
| <i>Consent rate %</i>  |       | 73% |       | 61%  |                 | 67%  |
| Actual donors (PDA data)                                       | 3     | 483 | 1     | 281  | 4               | 764  |
| <i>% of consented donors that became actual donors</i>         |       | 91% |       | 55%  |                 | 73%  |

<sup>1</sup> DBD - A patient with suspected neurological death

DCD - A patient in whom imminent death is anticipated, ie a patient receiving assisted ventilation, a clinical decision to withdraw treatment has been made and death is anticipated within 4 hours

<sup>2</sup> DBD - Death confirmed by neurological tests and no absolute contraindications to solid organ donation

DCD - Imminent death anticipated and treatment withdrawn with no absolute contraindications to solid organ donation

Note that a patient that meets both the referral criteria for DBD and DCD organ donation is featured in both the DBD and DCD data but will only be counted once in the deceased donors total

# 3. Best quality of care in organ donation

## Key stages in best quality of care in organ donation

Data in this section is obtained from the National Potential Donor Audit (PDA)

This section provides information on the quality of care in your Trust at the key stages of organ donation. The ambition is that your Trust misses no opportunity to make a transplant happen and that opportunities are maximised at every stage.

### 3.1 Neurological death testing

Goal: neurological death tests are performed wherever possible.

Figure 3.1 Number of patients with suspected neurological death, April to September, 2014 - 2018

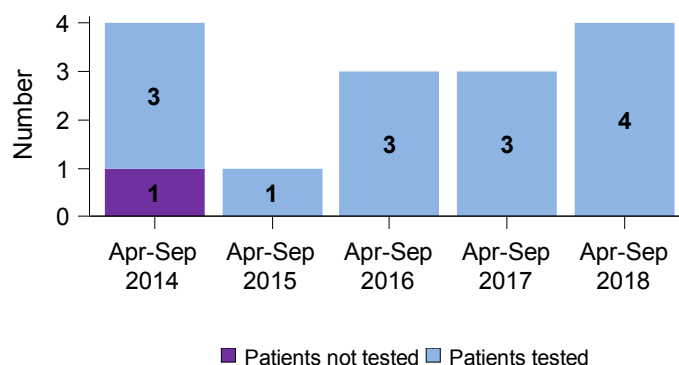


Table 3.1 Reasons given for neurological death tests not being performed, 1 April 2018 - 30 September 2018

|   | Trust | UK         |
|---|-------|------------|
| Biochemical/endocrine abnormality                     | -     | 10         |
| Clinical reason/Clinicians decision                   | -     | 24         |
| Continuing effects of sedatives                       | -     | 6          |
| Family declined donation                              | -     | 14         |
| Family pressure not to test                           | -     | 15         |
| Inability to test all reflexes                        | -     | 7          |
| Medical contraindication to donation                  | -     | 9          |
| Other   | -     | 9          |
| Patient had previously expressed a wish not to donate | -     | 1          |
| Patient haemodynamically unstable                     | -     | 33         |
| Pressure on ICU beds                                  | -     | 1          |
| SN-OD advised that donor not suitable                 | -     | 3          |
| Treatment withdrawn                                   | -     | 8          |
| Unknown   | -     | 3          |
| <b>Total</b>  | -     | <b>143</b> |

If 'other', please contact your local SNOD or CLOD for more information, if required.

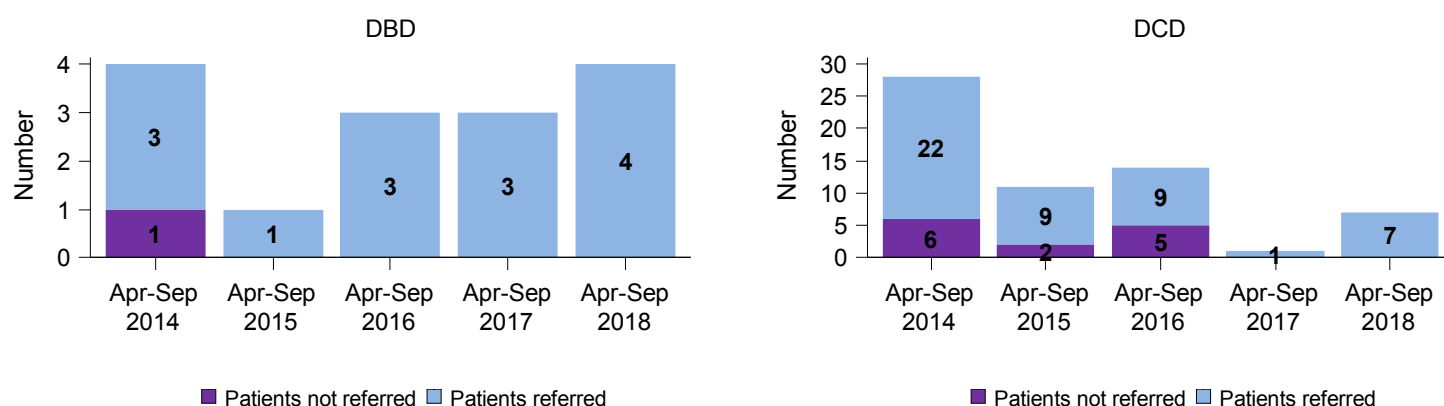
### 3.2 Referral to Organ Donation Service

**Goal:** Every patient who meets the referral criteria should be identified and referred to the Organ Donation Service, as per NICE CG135<sup>1</sup> and NHS Blood and Transplant (NHSBT) Best Practice Guidance on timely identification and referral of potential organ donors<sup>2</sup>.

**Aim:** There should be no purple on the following charts.

Note that patients who met the referral criteria for both DBD and DCD donation will appear in both bar charts and both columns of the reasons table.

**Figure 3.2 Number of patients meeting referral criteria, April to September, 2014 - 2018**



**Table 3.2 Reasons given why patient not referred to SNOD, 1 April 2018 - 30 September 2018**

|   | DBD   |           | DCD   |            |
|---|-------|-----------|-------|------------|
|   | Trust | UK        | Trust | UK         |
| Clinician assessed that patient was unlikely to become asystolic within 4 hours | -     | -         | -     | 1          |
| Coroner/Procurator Fiscal Reason  | -     | -         | -     | 1          |
| Family declined donation following decision to withdraw treatment               | -     | -         | -     | 4          |
| Family declined donation prior to neurological testing                          | -     | 1         | -     | 1          |
| Medical contraindications   | -     | -         | -     | 25         |
| Not identified as a potential donor/organ donation not considered               | -     | 10        | -     | 95         |
| Other   | -     | 1         | -     | 19         |
| Pressure on ICU beds  | -     | -         | -     | 1          |
| Reluctance to approach family   | -     | -         | -     | 1          |
| Thought to be medically unsuitable  | -     | -         | -     | 39         |
| <b>Total</b>  | -     | <b>12</b> | -     | <b>187</b> |

If 'other', please contact your local SNOD or CLOD for more information, if required.

### 3.3 Contraindications

Table 3.3 shows the primary absolute medical contraindications to solid organ donation, if applicable, for potential DBD donors confirmed dead by neurological death tests and potential DCD donors in your Trust.

**Table 3.3 Primary absolute medical contraindications to solid organ donation,  
1 April 2018 - 30 September 2018**

|   | DBD   |           | DCD      |            |
|---|-------|-----------|----------|------------|
|   | Trust | UK        | Trust    | UK         |
| Active (not in remission) haematological malignancy (myeloma, lymphoma, leukaemia)            | -     | 9         | -        | 94         |
| All secondary intracerebral tumours   | -     | -         | -        | 3          |
| Any active cancer with evidence of spread outside affected organ within 3 years of donation   | -     | 30        | 2        | 311        |
| HIV disease (but not HIV infection)   | -     | 2         | -        | 5          |
| Human TSE, CJD or vCJD; blood relatives with CJD; other infectious neurodegenerative diseases | -     | 1         | -        | 4          |
| Melanoma (except completely excised Stage 1 cancers)  | -     | 1         | -        | 2          |
| No transplantable organ in accordance with organ specific contraindications                   | -     | 5         | -        | 105        |
| Primary intra-cerebral lymphoma   | -     | -         | -        | 1          |
| TB: active and untreated  | -     | 1         | -        | 5          |
| West Nile Virus (WNV) infection   | -     | -         | -        | 1          |
| <b>Total</b>  | -     | <b>49</b> | <b>2</b> | <b>531</b> |

If 'other', please contact your local SNOD or CLOD for more information, if required.

### 3.4 SNOD presence

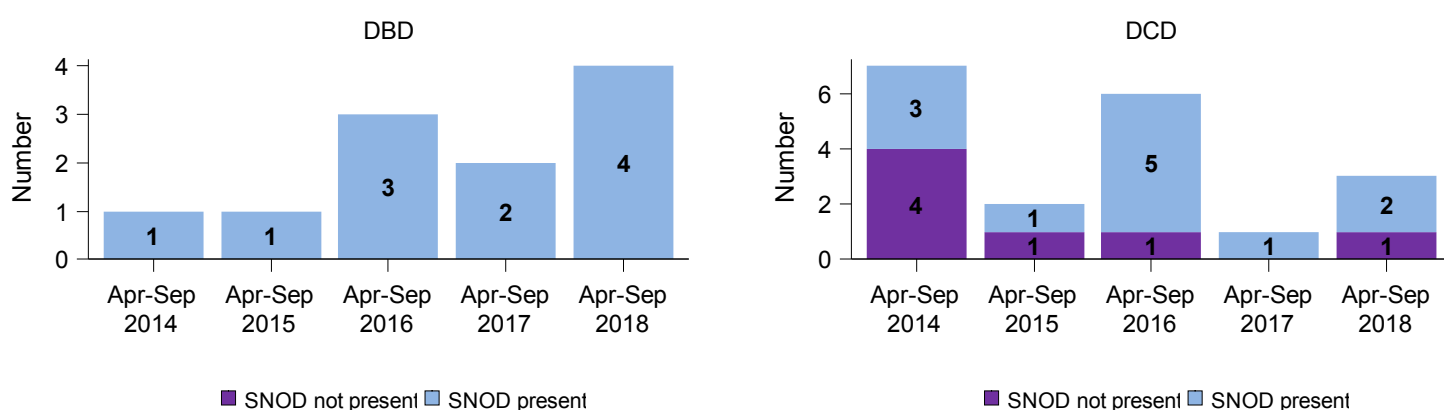
**Goal: A SNOD should be present during the formal family approach as per NICE CG135<sup>1</sup> and NHS Blood and Transplant (NHSBT) Best Practice Guidance.<sup>3</sup>**

**Aim: There should be no purple on the following charts.**

In the UK, in the first six months of 2018/19, when a SNOD was not present for the approach to the family to discuss organ donation, DBD and DCD consent/authorisation rates were 53% and 20%, respectively, compared with DBD and DCD consent/authorisation rates of 74% and 68%, respectively, when a SNOD was present.

Every approach to those close to the patient should be planned with the multidisciplinary team (MDT), should involve the SNOD and should be clearly planned taking into account the known wishes of the patient. The NHS Organ Donor Register (ODR) should be checked in all cases of potential donation and this information must be discussed with the family as it represents the eligible donor's legal consent to donation.

**Figure 3.3 Number of families approached by SNOD presence, April to September, 2014 - 2018**



<sup>1</sup> NICE, 2011.  
*NICE Clinical Guidelines - CG135*  
[accessed 8 November 2018]

<sup>2</sup> NHS Blood and Transplant, 2012.  
*Timely Identification and Referral of Potential Organ Donors - A Strategy for Implementation of Best Practice*  
[accessed 8 November 2018]

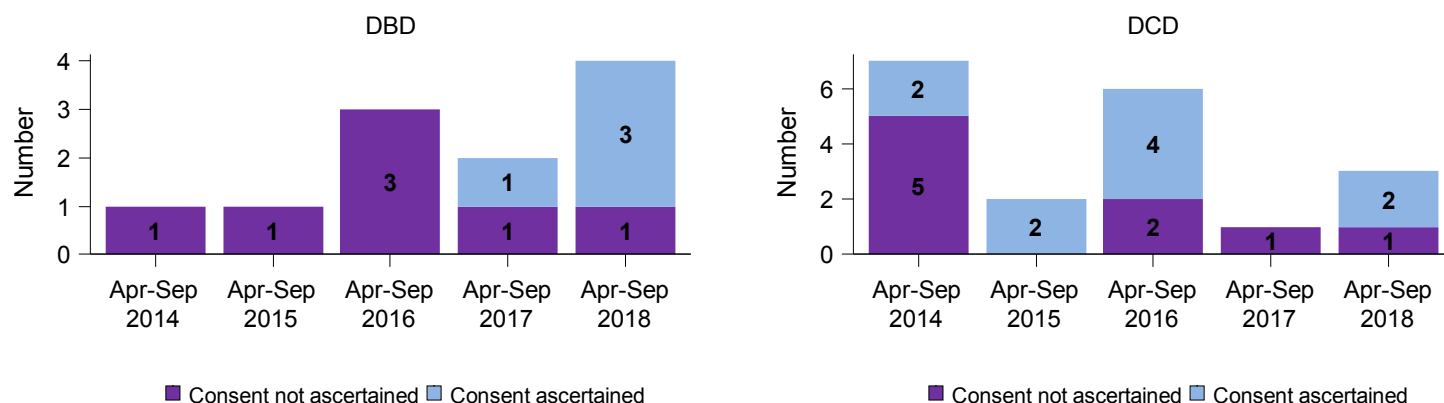
<sup>3</sup> NHS Blood and Transplant, 2013.  
*Approaching the Families of Potential Organ Donors – Best Practice Guidance*  
[accessed 8 November 2018]

### 3.5 Consent

**Goal: The agreed 2018/19 national targets for DBD and DCD consent/authorisation rates are 78% and 72%, respectively.**

In the first six months of 2018/19 less than 10 families of eligible donors were approached to discuss organ donation in your Trust therefore consent rates are not presented.

**Figure 3.4 Number of families approached, April to September, 2014 - 2018**



**Table 3.4 Reasons given why consent was not ascertained, 1 April 2018 - 30 September 2018**

|  | DBD      |            | DCD      |            |
|--|----------|------------|----------|------------|
|  | Trust    | UK         | Trust    | UK         |
| Families concerned about organ allocation  | -        | 2          | -        | -          |
| Family concerned that organs may not be transplanted                                       | -        | 1          | -        | 1          |
| Family concerned that other people may disapprove/be offended                              | -        | 1          | -        | -          |
| Family did not believe in donation   | -        | 13         | 1        | 16         |
| Family did not want surgery to the body  | -        | 23         | -        | 27         |
| Family felt it was against their religious/cultural beliefs                                | -        | 28         | -        | 11         |
| Family felt the body needs to be buried whole (unrelated to religious or cultural reasons) | -        | 9          | -        | 13         |
| Family felt the length of time for donation process was too long                           | -        | 10         | -        | 34         |
| Family felt the patient had suffered enough  | -        | 20         | -        | 18         |
| Family had difficulty understanding/accepting neurological testing                         | -        | 1          | -        | -          |
| Family wanted to stay with the patient after death   | -        | 3          | -        | 6          |
| Family were divided over the decision  | -        | 9          | -        | 16         |
| Family were not sure whether the patient would have agreed to donation                     | -        | 33         | -        | 58         |
| Other  | -        | 11         | -        | 29         |
| Patient previously expressed a wish not to donate  | 1        | 34         | -        | 82         |
| Patients treatment may be or has been limited to facilitate organ donation                 | -        | -          | -        | 1          |
| Strong refusal - probing not appropriate   | -        | 2          | -        | 10         |
| <b>Total</b>   | <b>1</b> | <b>200</b> | <b>1</b> | <b>322</b> |

If 'other', please contact your local SNOD or CLOD for more information, if required.

### 3.6 Solid organ donation

Goal: NHSBT is committed to supporting transplant units to ensure as many organs as possible are safely transplanted. The strategy for achieving this, including steps to minimising warm ischaemic injury in proceeding DCD donors, is set out in NHSBT Taking Organ Utilisation to 2020 <sup>4</sup>.

**Table 3.5 Reasons why solid organ donation did not occur,  
1 April 2018 - 30 September 2018**

|   | DBD   |           | DCD      |            |
|---|-------|-----------|----------|------------|
|   | Trust | UK        | Trust    | UK         |
| Cardiac Arrest  | -     | 3         | -        | 1          |
| Coroner/Procurator Fiscal refusal                         | -     | 5         | -        | 11         |
| Family changed mind                                       | -     | 4         | -        | 6          |
| General instability                                       | -     | 5         | 1        | 15         |
| Logistic reasons  | -     | -         | -        | 1          |
| Organs deemed medically unsuitable by recipient centres   | -     | 21        | -        | 71         |
| Organs deemed medically unsuitable on surgical inspection | -     | 1         | -        | 3          |
| Other   | -     | 4         | -        | 12         |
| Positive virology   | -     | 7         | -        | 3          |
| Prolonged time to asystole                                | -     | -         | -        | 110        |
| <b>Total</b>  | -     | <b>50</b> | <b>1</b> | <b>233</b> |

If 'other', please contact your local SNOD or CLOD for more information, if required.

<sup>4</sup> NHS Blood and Transplant, 2017.

*Taking Organ Utilisation to 2020*  
[accessed 8 November 2018]

## 4. PDA data by hospital and unit

A summary of key numbers and rates from the PDA by hospital and unit where patient died

Data in this section is obtained from the National Potential Donor Audit (PDA)

Tables 4.1 and 4.2 show the key numbers and rates for patients who met the DBD and/or DCD referral criteria, respectively. Percentages have been excluded where numbers are less than 10.

**Table 4.1 Patients who met the DBD referral criteria - key numbers and rates, 1 April 2018 - 30 September 2018**

| Unit where patient died               | Patients where neurological death was suspected | Patients tested | Neurological death testing rate (%) | Patients referred | DBD referral rate (%) | Patients confirmed dead by neurological testing | Eligible DBD donors | Eligible DBD donors whose family were approached | Approaches where SNOD present | SNOD presence rate (%) | Consent ascertained | Consent rate (%) | Actual DBD and DCD donors from eligible DBD donors |
|---------------------------------------|---|-----------------|-------------------------------------|-------------------|-----------------------|---|---------------------|--|-------------------------------|------------------------|---------------------|------------------|--|
| <i>Dudley, Russells Hall Hospital</i> |   |                 |                                     |                   |                       |   |                     |  |                               |                        |                     |                  |  |
| A&E                                   | 0   | 0               | -                                   | 0                 | -                     | 0   | 0                   | 0  | 0                             | -                      | 0                   | -                | 0  |
| General ICU                           | 4   | 4               | -                                   | 4                 | -                     | 4   | 4                   | 4  | 4                             | -                      | 3                   | -                | 3  |

**Table 4.2 Patients who met the DCD referral criteria - key numbers and rates, 1 April 2018 - 30 September 2018**

| Unit where patient died               | Patients for whom imminent death was anticipated | Patients referred | DCD referral rate (%) | Patients for whom treatment was withdrawn | Eligible DCD donors | Eligible DCD donors whose family were approached | Approaches where SNOD present | SNOD presence rate (%) | Consent ascertained | Consent rate (%) | Actual DCD donors from eligible DBD donors |
|---------------------------------------|--|-------------------|-----------------------|---|---------------------|--|-------------------------------|------------------------|---------------------|------------------|--|
| <i>Dudley, Russells Hall Hospital</i> |  |                   |                       |   |                     |  |                               |                        |                     |                  |  |
| A&E                                   | 1  | 1                 | -                     | 1   | 1                   | 1  | 0                             | -                      | 0                   | -                | 0  |
| General ICU                           | 6  | 6                 | -                     | 6   | 4                   | 2  | 2                             | -                      | 2                   | -                | 1  |

Tables 4.1 and 4.2 show the unit where the patient died. However, it is acknowledged that there are some occasions where a patient is referred in an Emergency Department but moves to a critical care unit. In total for The Dudley Group Of Hospitals NHS Foundation Trust in the first six months of 2018/19 there were 0 such patients. For more information regarding the Emergency Department please see Section 5.



# 5. Emergency Department data

## A summary of key numbers for Emergency Departments

Data in this section is obtained from the National Potential Donor Audit (PDA)

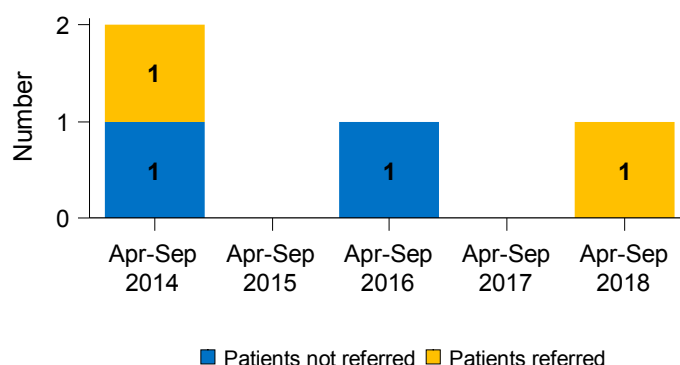
Most patients who go on to become organ donors start their journey in the emergency department (ED). Deceased donation is important, not just for those people waiting on the transplant list, but also because many people in the UK have expressed a wish in life to become organ donors after their death. The overarching principle of the NHSBT Organ donation and Emergency Department strategy<sup>5</sup> is that best quality of care in organ donation should be followed irrespective of the location of the patient within the hospital at the time of death.

### 5.1 Referral to Organ Donation Service

**Goal:** No one dies in your ED meeting referral criteria and is not referred to NHSBT's Organ Donation Service.

**Aim:** There should be no blue on the following chart.

Figure 5.1 Number of patients meeting referral criteria that died in the ED, April to September, 2014 - 2018

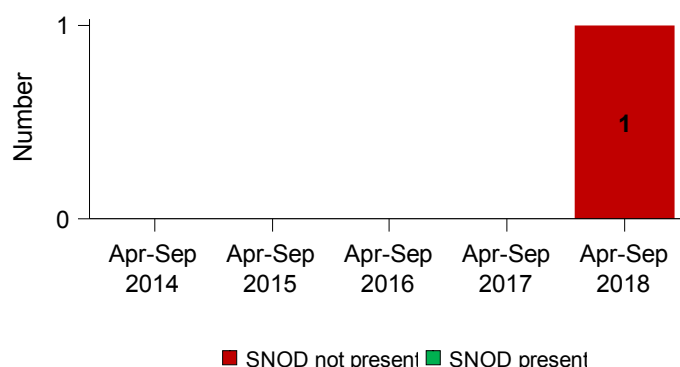


### 5.2 Organ donation discussions

**Goal:** No family is approached in ED regarding organ donation without a SNOD present.

**Aim:** There should be no red on the following chart.

Figure 5.2 Number of families approached in ED by SNOD presence, April to September, 2014 - 2018



<sup>5</sup> NHS Blood and Transplant, 2016.

Organ Donation and the Emergency Department  
[accessed 8 November 2018]

## 6. Additional data and figures

### Regional donor, transplant, and transplant list numbers

Data in this section is obtained from the UK Transplant Registry

#### 6.1 Supplementary Regional data

**Table 6.1 Regional donors, transplants, waiting list, and NHS Organ Donor Register (ODR) data**

|   | West Midlands*  | UK               |
|---|-----------------|------------------|
| <b>1 April 2018 - 30 September 2018</b>                 |                 |                  |
| Deceased donors   | 73              | 771              |
| Transplants from deceased donors                        | 204             | 1,907            |
| Deaths on the transplant list                           | 15              | 177              |
| <b>As at 30 September 2018</b>                          |                 |                  |
| Active transplant list                                  | 528             | 6,163            |
| Number of NHS ODR opt-in registrations (% registered)** | 1,856,290 (32%) | 25,849,534 (40%) |

\*Regions have been defined as per former Strategic Health Authorities

\*\* % registered based on population of 5.75 million, based on ONS 2011 census data

## Key numbers and rates on the potential for organ donation

Data in this section is obtained from the National Potential Donor Audit (PDA)

### 6.2 Trust/Board Level Benchmarking

The Dudley Group Of Hospitals NHS Foundation Trust has been categorised as a level 4 Trust. Levels were reallocated in July 2018 using the average number of donors in 2016/17 and 2017/18, Table 6.2 shows the criteria used and how many Trusts/Boards belong to each level.

**Table 6.2 Trust/Board level categories**

|         |   | Number of Trusts<br>Boards in each level |
|---------|---|--|
| Level 1 | 12 or more ( $\geq 12$ ) proceeding donors per year                         | 35                                       |
| Level 2 | 6 or more but less than 12 ( $\geq 6$ to $<12$ ) proceeding donors per year | 45                                       |
| Level 3 | More than 3 but less than 6 ( $>3$ to $<6$ ) proceeding donors per year     | 47                                       |
| Level 4 | 3 or less ( $\leq 3$ ) proceeding donors per year                           | 41                                       |

Tables 6.3 and 6.4 show the national DBD and DCD key numbers and rates for the UK by Trust/Board level, to aid in comparison with equivalent Trusts/Boards. Note that percentages have been excluded where numbers are less than 10.

**Table 6.3 National DBD key numbers and rate by Trust/Board level,  
1 April 2018 - 30 September 2018**

|            | Patients where<br>neurological<br>death was<br>suspected | Patients<br>tested | Neurological<br>death testing<br>rate (%) | Patients<br>referred | DBD<br>referral<br>rate (%) | Patients<br>confirmed dead<br>by neurological<br>testing | Eligible<br>DBD<br>donors | Eligible DBD<br>donors whose<br>family were<br>approached | Approaches<br>where SNOD<br>present | SNOD<br>presence<br>rate (%) | Consent<br>ascertained | Consent<br>rate (%) | Actual<br>DBD and<br>DCD<br>donors<br>from<br>eligible<br>DBD<br>donors |
|------------|--|--------------------|---|----------------------|-----------------------------|--|---------------------------|---|-------------------------------------|------------------------------|------------------------|---------------------|---|
| Your Trust | 4  | 4                  | -   | 4                    | -                           | 4  | 4                         | 4   | 4                                   | -                            | 3                      | -                   | 3   |
| Level 1    | 590  | 506                | 86  | 587                  | 99                          | 501  | 479                       | 439   | 411                                 | 94                           | 310                    | 71                  | 278   |
| Level 2    | 196  | 164                | 84  | 194                  | 99                          | 162  | 154                       | 138   | 131                                 | 95                           | 101                    | 73                  | 94  |
| Level 3    | 139  | 122                | 88  | 136                  | 98                          | 119  | 115                       | 105   | 103                                 | 98                           | 83                     | 79                  | 75  |
| Level 4    | 66   | 56                 | 85  | 62                   | 94                          | 56   | 54                        | 51  | 48                                  | 94                           | 39                     | 76                  | 36  |

**Table 6.4 National DCD key numbers and rate by Trust/Board level,  
1 April 2018 - 30 September 2018**

|            | Patients for<br>whom imminent<br>death was<br>anticipated | Patients<br>referred | DCD referral<br>rate (%) | Patients for<br>whom<br>treatment was<br>withdrawn | Eligible DCD<br>donors | Eligible DCD<br>donors whose<br>family were<br>approached | Approaches<br>where SNOD<br>present | SNOD<br>presence<br>rate (%) | Consent<br>ascertained | Consent<br>rate (%) | Actual DCD<br>donors from<br>eligible DBD<br>donors |
|------------|---|----------------------|--------------------------|--|------------------------|---|-------------------------------------|------------------------------|------------------------|---------------------|---|
| Your Trust | 7   | 7                    | -                        | 7  | 5                      | 3   | 2                                   | -                            | 2                      | -                   | 1   |
| Level 1    | 1247  | 1171                 | 94                       | 1148   | 918                    | 455   | 384                                 | 84                           | 271                    | 60                  | 156   |
| Level 2    | 819   | 767                  | 94                       | 720  | 587                    | 208   | 186                                 | 89                           | 127                    | 61                  | 65  |
| Level 3    | 529   | 493                  | 93                       | 449  | 329                    | 110   | 98                                  | 89                           | 72                     | 65                  | 38  |
| Level 4    | 236   | 213                  | 90                       | 204  | 156                    | 63  | 55                                  | 87                           | 44                     | 70                  | 22  |

# Appendices

## Appendix A.1 Definitions

### Potential Donor Audit Definitions

|  |   |
|--|---|
| Potential Donor Audit inclusion criteria | <p>1 October 2009 – 31 March 2010<br/>All deaths in critical care in patients aged 75 and under, excluding cardiothoracic intensive care units</p> <p>1 April 2010 – 31 March 2013<br/>All deaths in critical and emergency care in patients aged 75 and under, excluding cardiothoracic intensive care units</p> <p>1 April 2013 onwards<br/>All deaths in critical and emergency care in patients aged 80 and under</p> |
|--|---|

### Donors after brain death (DBD) definitions

|  |   |
|--|---|
| Suspected Neurological Death                           | A patient who meets all of the following criteria: Apnoea, coma from known aetiology and unresponsive, ventilated, fixed pupils. Excluding those not tested due to reasons 'cardiac arrest despite resuscitation', 'brainstem reflexes returned', 'neonates – less than 2 months post term'.        |
| Potential DBD donor                                    | A patient who meets all four criteria for neurological death testing excluding those not tested due to reasons 'cardiac arrest despite resuscitation', 'brainstem reflexes returned', 'neonates – less than 2 months post term' (ie suspected neurological death, as defined above).                |
| DBD referral criteria                                  | A patient with suspected neurological death   |
| Discussed with Specialist Nurse – Organ Donation       | A patient with suspected neurological death discussed with the Specialist Nurse – Organ Donation (SNOD)   |
| Neurological death tested                              | Neurological death tests were performed   |
| Eligible DBD donor                                     | A patient confirmed dead by neurological death tests, with no absolute medical contraindications to solid organ donation  |
| Absolute contraindications                             | Absolute medical contraindications to organ donation are listed here: <a href="https://nhsbtdbe.blob.core.windows.net/umbraco-assets-corp/6455/contraindications_to_organ_donation.pdf">https://nhsbtdbe.blob.core.windows.net/umbraco-assets-corp/6455/contraindications_to_organ_donation.pdf</a> |
| Family approached for formal organ donation discussion | Family of eligible DBD asked to support patient's expressed or deemed consent/authorisation, informed of a nominated/appointed representative, asked to make a decision on donation on behalf of their relative, or informed of a patient's opt-out decision via the ODR.                           |
| Consent/authorisation ascertained                      | Family supported expressed or deemed consent/authorisation, nominated/appointed representative gave consent, or where applicable family gave consent/authorisation  |
| Actual donors: DBD                                     | Neurological death confirmed patients who became actual DBD as reported through the PDA   |
| Actual donors: DCD                                     | Neurological death confirmed patients who became actual DCD as reported through the PDA   |
| Neurological death testing rate                        | Percentage of patients for whom neurological death was suspected who were tested  |
| Referral rate  | Percentage of patients for whom neurological death was suspected who were discussed with the SNOD   |
| Consent/authorisation rate                             | Percentage of families or nominated/appointed representatives approached for formal organ donation discussion where consent/authorisation was ascertained   |
| SNOD presence rate                                     | Percentage of formal organ donation discussions with families or nominated/appointed representatives where a SNOD was present   |
| Consent/authorisation rate where SNOD was present      | Percentage of formal organ donation discussions with families or nominated/appointed representatives where a SNOD was present where consent/authorisation was ascertained   |

## Donors after circulatory death (DCD) definitions

|  |   |
|--|---|
| Imminent death anticipated                             | A patient, not confirmed dead using neurological criteria, receiving assisted ventilation, a clinical decision to withdraw treatment has been made and death is anticipated within a time frame to allow donation to occur, as determined at time of assessment                                     |
| DCD referral criteria                                  | A patient in whom imminent death is anticipated (as defined above)  |
| Discussed with Specialist Nurse – Organ Donation       | Patients for whom imminent death was anticipated who were discussed with the SNOD   |
| Potential DCD donor                                    | A patient who had treatment withdrawn and death was anticipated within four hours   |
| Eligible DCD donor                                     | A patient who had treatment withdrawn and death was anticipated within four hours, with no absolute medical contraindications to solid organ donation   |
| Absolute contraindications                             | Absolute medical contraindications to organ donation are listed here: <a href="https://nhsbtdbe.blob.core.windows.net/umbraco-assets-corp/6455/contraindications_to_organ_donation.pdf">https://nhsbtdbe.blob.core.windows.net/umbraco-assets-corp/6455/contraindications_to_organ_donation.pdf</a> |
| Family approached for formal organ donation discussion | Family of eligible DCD asked to: support the patient's expressed or deemed consent/authorisation decision, informed of a nominated/appointed representative, make a decision themselves on donation, or informed of a patient's opt-out decision via the Organ Donor Register                       |
| Consent/authorisation rate                             | Percentage of families or nominated/appointed representatives approached for formal organ donation discussion where consent/authorisation was ascertained   |
| SNOD presence rate                                     | Percentage of formal organ donation discussions with families or nominated/appointed representatives where a SNOD was present   |
| Consent/authorisation rate where SNOD was present      | Percentage of formal organ donation discussions with families or nominated/appointed representatives where a SNOD was present where consent/authorisation was ascertained   |

## UK Transplant Registry (UKTR) definitions

|                                 |   |
|---------------------------------|---|
| Donor type                      | Type of donor: Donation after brain death (DBD) or donation after circulatory death (DCD) |
| Number of actual donors         | Total number of donors reported to the UKTR   |
| Number of patients transplanted | Total number of patients transplanted from these donors                                   |
| Organs per donor                | Number of organs donated divided by the number of donors.                                 |
| Number of organs transplanted   | Total number of organs transplanted by organ type   |

## Appendix A.2 Data Description

This report provides a summary of data relating to potential and actual organ donors as recorded by NHS Blood and Transplant via the Potential Donor Audit (PDA), the accompanying Referral Record, and the UK Transplant Registry (UKTR) for the specified Trust, Board, Organ Donation Services Team, or nation.

This report is provided for information and to facilitate case based discussion about organ donation by the Organ Donation Committee at your Trust/Board.

As part of the PDA, patients over 80 years of age and those who did not die on a critical care unit or emergency department are not audited nationally and are therefore excluded from the majority of this report. Data from neonatal intensive care units (ICU) have also been excluded from this report. In addition, some information may be outstanding due to late reporting and difficulties obtaining patient notes. Donations not captured by the PDA will still be included in the data supplied from the accompanying Referral Record or from the UKTR, as appropriate.

Percentages have not been calculated for level 3 or 4 Trust/Boards and where stated when numbers are less than 10.

## Appendix A.3 Table and Figure Description

|   |   |
|---|---|
| 1 Donor outcomes                              |   |
| Table 1.1                                     | The number of actual donors, the resulting number of patients transplanted and the average number of organs donated per donor have been obtained from the UK Transplant Registry (UKTR) for your Trust/Board. Results have been displayed separately for donors after brain death (DBD) and donors after circulatory death (DCD). |
| Table 1.2                                     | The number of organs transplanted by type from donors at your Trust/Board has been obtained from the UKTR. Further information can be obtained from your local Specialist Nurse – Organ Donation (SNOD), specifically regarding organs that were not transplanted. Results have been displayed separately for DBD and DCD.        |
| Figure 1.1                                    | The number of actual donors and the resulting number of patients transplanted obtained from the UKTR for your Trust/Board for the past 10 equivalent time periods are presented on a line chart.  |
| 2 Key numbers in potential for organ donation |   |
| Table 2.1                                     | A summary of DBD, DCD and deceased donor data and key numbers have been obtained from the PDA. A UK comparison is also provided. Appendix A.1 gives a fuller explanation of terms used.   |
| 3 Best quality of care in organ donation      |   |
| Figure 3.1                                    | A stacked bar chart displays the number of patients with suspected neurological death who were tested and the number who were not tested in your Trust/Board for the past five equivalent time periods.   |
| Table 3.1                                     | The reasons given for neurological death tests not being performed in your Trust/Board, have been obtained from the PDA, if applicable. A UK comparison is also provided.   |
| Figure 3.2                                    | Stacked bar charts display the number of DBD and DCD patients meeting referral criteria who were referred to the Organ Donation Service and the number who were not referred in your Trust/Board for the past five equivalent time periods.   |
| Table 3.2                                     | The reasons given for not referring patients to the Organ Donation Service in your Trust/Board, have been obtained from the PDA, if applicable. A UK comparison is also provided.   |
| Table 3.3                                     | The primary absolute medical contraindications to solid organ donation for DBD and DCD patients have been obtained from the PDA, if applicable. A UK comparison is also provided.   |
| Figure 3.3                                    | Stacked bar charts display the number of families of DBD and DCD patients approached where a SNOD was present and the number approached where a SNOD was not present in your Trust/Board for the past five equivalent time periods.   |
| Figure 3.4                                    | Stacked bar charts display the number of families of DBD and DCD patients approached where consent/authorisation for organ donation was ascertained and the number approached where consent/authorisation was not ascertained in your Trust/Board for the past five equivalent time periods.                                      |
| Table 3.4                                     | The reasons why consent/authorisation was not ascertained for solid organ donation in your Trust/Board, have been obtained from the PDA, if applicable. A UK comparison is also provided.   |
| Table 3.5                                     | The reasons why solid organ donation did not occur in your Trust/Board, have been obtained from the PDA, if applicable. A UK comparison is also provided.   |

#### 4 PDA data by hospital and unit

Table 4.1

DBD key numbers and rates by unit where the patient died have been obtained from the PDA. Percentages have been excluded where numbers are less than 10.

Table 4.2

DCD key numbers and rates by unit where the patient died have been obtained from the PDA. Percentages have been excluded where numbers are less than 10.

#### 5 Emergency department data

Figure 5.1

Stacked bar charts display the number of patients that died in the emergency department (ED) who met the referral criteria and were referred to the Organ Donation Service and the number who were not referred in your Trust/Board for the past five equivalent time periods.

Figure 5.2

Stacked bar charts display the number of families of patients in ED approached where a SNOD was present and the number approached where a SNOD was not present in your Trust/Board for the past five equivalent time periods.

#### 6 Additional data and figures

Table 6.1

A summary of deceased donor, transplant, transplant list and ODR opt-in registration data for your region have been obtained from the UKTR. Your region has been defined as per former Strategic Health Authority. A UK comparison is also provided.

Table 6.2

Trust/board level categories and the relevant expected number of proceeding donors per year are provided for information.

Table 6.3

National DBD key numbers and rates for level 1, 2, 3 and 4 Trusts/Boards are displayed alongside your local data to aid comparison with equivalent Trusts/Boards. Percentages have been excluded where numbers are less than 10.

Table 6.4

National DCD key numbers and rates for level 1, 2, 3 and 4 Trusts/Boards are displayed alongside your local data to aid comparison with equivalent Trusts/Boards. Percentages have been excluded where numbers are less than 10.



**Patient Experience Report Quarter three, 2018/19 for Board of Directors**  
**Thursday 7 February 2019**

|   |  |  |   |
|---|--|--|---|
| <b>TITLE:</b>   | Patient Experience Report – Quarter 3, 2018/19   |  |   |
| <b>AUTHOR:</b>  | Jill Faulkner, Head of Patient Experience<br>Helen Board, Patient & Governor<br>Engagement Lead<br>Lara Fullwood, Senior Complaints Co-ordinator | <b>PRESENTER:</b>  | Jill Faulkner,<br>Head of Patient Experience              |
| <b>CLINICAL STRATEGIC AIMS</b>  |  |  |   |
|   | Strengthen hospital-based care to ensure high quality hospital services provided in the most effective and efficient way.                        |  |   |
| <b>ACTION REQUIRED OF GROUP:</b>  |  |  |   |
| <b>Decision</b>   | <b>Approval</b>  | <b>Discussion</b>  | <b>Other</b>  |
|   |  | y  |   |
| <b>OVERALL ASSURANCE LEVEL</b>  |  |  |   |
| <b>Significant Assurance</b>  | <b>Acceptable Assurance</b>  | <b>Partial Assurance</b>   | <b>No Assurance</b>                                       |
| <input type="checkbox"/><br><br>High level of confidence in delivery of existing mechanisms / objectives  | <input checked="" type="checkbox"/><br><br>General confidence in delivery of existing mechanisms / objectives                                    | <input type="checkbox"/><br><br>Some confidence in delivery of existing mechanisms / objectives, some areas of concern | <input type="checkbox"/><br><br>No confidence in delivery |
| <b>RECOMMENDATIONS FOR THE GROUP:</b>   |  |  |   |
| 1. To note patient experience activity in Q3 (October to December 2018).<br>2. To take assurance from the learning achieved and improvement actions taken using patient feedback.<br>3. To ensure that all areas not consistently achieving the FFT percentage recommended score are delivering action plans to improve the patient experience. |  |  |   |
| <b>CORPORATE OBJECTIVE:</b>   |  |  |   |
| <b>SO1:</b> Deliver a great patient experience  |  |  |   |

## SUMMARY OF KEY ISSUES:

|  |   |
|--|---|
| <b>CQC National Survey programme</b>                 | There were no CQC national survey results published during Q3.  |
| <b>Friends and Family Test (FFT)</b>                 | <p>The Trust received 16,632 FFT returns during Q3 compared to 17,105 in Q2, 2018/19 representing a 2.8% decrease in FFT returns.</p> <p>For the nine month period, (65 areas have been published) the Trust is achieving the target on 31 occasions where the score is equal to or better than the national average percentage recommended.</p>  |
| <b>NHS Choices</b>                                   | In Q3, 49 people uploaded feedback electronically to NHS Choices or Care Opinion, (46 in Q2, 2018/19). Of those 49 comments, 59% (65% in Q2, 2018/19) were positive and 41% (35% in Q2, 2018/19) were negative.   |
| <b>Complaints</b>                                    | <ul style="list-style-type: none"> <li>• 209 complaints open as at 31 December 2018.</li> <li>• 144 complaints received in Q3, 2018/19 compared to 163 in Q2, 2018/19</li> <li>• As at the end of December 2018, 123 complaints are in breach.</li> </ul> <p>During Q3, 2018/19 - Medicine and Integrated Care Division received 77 complaints, Surgery Division received 61 complaints and Clinical Support Division received four complaints. A further complaint was received relating to corporate nursing and one for corporate services (including IT).</p> |
| <b>Member of Parliament</b>                          | There were six MP cases received during Q3, 2018/19. Five of these have been closed and one remains open.   |
| <b>Local Government Ombudsman (LGO)</b>              | The Trust received two new applications from the LGO during Q3 2018/19.   |
| <b>Parliamentary Health Service Ombudsman (PHSO)</b> | The Trust received three new applications from the Parliamentary Health Service Ombudsman (PHSO) during Q3. During Q3, two cases were closed; a long standing case which the Trust was appealing concluded in favour of the Trust and one case after consideration by the PHSO with no further action required. There are seven cases open for consideration by the PHSO compared to six cases in Q2, 18/19.  |
| <b>Compliments</b>                                   | A total of 2,416 compliments were received in Q3 which represents a 57.5% increase from Q2 (1,534), 2018/19.  |
| <b>Patient Advice Liaison Service (PALS)</b>         | Patient Advice Liaison Service (PALS) received 604 new concerns in Q3, which is a -9.04% decrease compared to Q2, 18/19 (664).  |

## IMPLICATIONS OF PAPER:

|   |                         |          |  |
|---|-------------------------|----------|--|
| <b>RISK</b>   | <b>N</b>                |          | <b>Risk Description:</b>   |
|   | <b>Risk Register: N</b> |          | <b>Risk Score:</b>   |
| <b>COMPLIANCE<br/>and/or<br/>LEGAL REQUIREMENTS</b> | <b>CQC</b>              | <b>Y</b> | <b>Details:</b> Effective, caring, responsive  |
|   | <b>NHSI</b>             | <b>Y</b> | <b>Details:</b> Compliance with statutory duties   |
|   | <b>Other</b>            | <b>Y</b> | <b>Details:</b> discharging responsibilities as set out in the Health and Social Care Act 2012 |

# Patient Experience Report Quarter 3 (Oct-Dec) 2018-19

**2,417** Compliments received this quarter  
(1534 received in Q2 18/19)



## Friends and Family Test (FFT)

| Percentage Recommended | Oct  | Nov  | Sep | Quality Priority |
|------------------------|------|------|-----|------------------|
| Inpatient              | 94%  | 94%  | N/A | ●                |
| A&E                    | 80%  | 77%  | N/A | ●                |
| Community              | 94%  | 94%  | N/A | ●                |
| Outpatients            | 90%  | 89%  | N/A | ●                |
| Maternity*             |      |      |     |                  |
| Antenatal              | 100% | 97%  | N/A | ●                |
| Birth                  | 100% | 96%  | N/A | ●                |
| Postnatal Ward         | 99%  | 94%  | N/A | ●                |
| Postnatal Community    | 100% | 100% | N/A | ●                |

\* Quality priority based on October & November data only

\* Quality priority based on October & November data only

## Quality Priority 2018/19

● On target ● Not on target

**Achieve monthly scores in Friends and Family Test (FFT) for all areas that are equal to or better than the national average (based on nationally available data)**

## Patients are saying...

### Complaints received in Q3

144

163 received  
in 02



## You said

# We Have



NHS Choices based on 299 ratings (NHS Choices/  
Russells Hall Hospital 31/12/2018)

There needed to a dedicated bereavement midwife to support those families who experience the loss of their baby

Appointed a bereavement midwife to support women and their partners who have experienced the loss of their baby or babies during pregnancy or shortly after birth

## We needed to improve the inpatient menus and food service

Launched a new inpatient menu based on patient feedback. More than 2,600 food surveys completed in the 12 months leading up to the launch in December 2018

It would be good to set up a scout group at the main site for children staying on the childrens ward

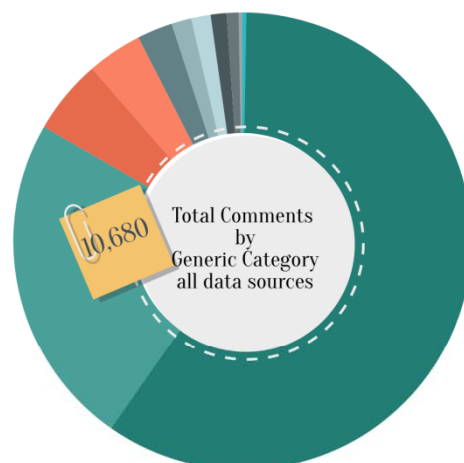
Established a scout group based at the Russells Hall Hospital. We are the first general hospital to do so.

**There should be a separate surgical area provision for those patients requiring minor procedures**

Opened a new minor procedure room at Russells Hall Hospital that allows patients to have minor procedures without going to the main theatres

There should be a dedicated area within the emergency department for those attending with suspected cardiac problems

Introduced a Cardiac Assessment Unit located within easy reach of the main ED providing a consultant led monitoring, triage and treatment facility



Total Comments  
by  
Generic Category  
all data sources

Care and Treatment (59.65%)
  Staffing (23.59%)
  Appointments & Discharge (5.20%)
  Staff Attitude (3.83%)
  Communication (2.50%)
  Food and Drink (1.49%)
  Facilities & Environment (1.42%)
  Unable to Categorise & Other (1.02%)
  Access (1%)
  Medication (0.14%)
  Privacy & Dignity (0.14%)
  Patient Safety (0.02%)

To find out more please visit  
[www.dudleygroup.nhs.uk/patientexperience](http://www.dudleygroup.nhs.uk/patientexperience)  
 or contact the team on 01384 456111 ext 1124

Developed by *Dudley Clinical Commissioning Group*

## Introduction

The Trust's number one priority is to deliver a great patient experience. This report details:

- Patient Experience
- CQC National Survey Programme
- Friends & Family Test (FFT)
- Real time inpatient survey
- NHS Choices
- Complaints
- Compliments
- Patient Advice & Liaison Service (PALS)

The aim of this report is to detail the multiple forms of patient feedback received and to evidence actions being taken to continually focus and improve the patient and their families' experience.

There are multiple forums in place to improve Patient Experience across the Trust as follows:

The **Patient Experience Improvement Group (PEIG)** is held on a fortnightly basis. This meeting is well attended with representation from across the Trust including non-executive director attendance.

Action plans from the all national surveys are presented and monitored at the PEIG. The Trusts National Adult Inpatient survey remains a standing item at every meeting to ensure accountability and that actions have been delivered.

There is oversight of the following action plans linked to surveys and feedback received as follows:

| Survey name  | Next survey date  | Date results published |
|--|-------------------|------------------------|
| Adult Inpatients Survey (National)                           | July 2018         | May/June 2019 tbc      |
| Cancer Patient Experience Survey (National)                  | April – June 2018 | September 2019         |
| Children & Young People Survey (National)                    | Jan/Feb 2019      | September 2019 tbc     |
| Community Services   | Q4, 2018/19       | Q1, 2019/20            |
| Dementia (uses feedback from PLACE and National Audit 2017 ) | Ongoing           | Quarterly              |
| Emergency Department Survey (National)                       | October 2018      | Late summer 2019 tbc   |
| End of Life/VOICES   | Continual         | Quarterly              |
| Guest Outpatient Centre Review                               | March 2019        | Q1, 2019/20            |
| Maternity Survey (National)                                  | February 2019     | January 2020           |
| Mini PLACE assessment activity                               | February 2019     | monthly                |
| PLACE (National)   | Month tbc 2019    | 2019 tbc               |

**Community Patient Experience Group** chaired by the head of patient experience meets monthly to oversee improvement actions directly related to the delivery of community services and FFT response rate improvement. This group reports in to the PEIG.

The PEIG reports into the **Patient Experience Group (PEG)** which is held on a quarterly basis. This meeting has representation from across the Trust and our health partners. The PEG oversees all the work that has been undertaken during the previous quarter.

Within Q3 we successfully:

- Continued to **host listening events** in various specialities across the Trust.
- Funded additional staffing resource to enable **faster access for cancer patients** for diagnostic tests and results.

- Launched a poster campaign to **promote cancer clinical nurse specialists** for the site specific teams available these are displayed in outpatient areas waiting areas.
- Appointed a **new food supplier** for the main elements of the revised inpatient menu.
- **Launched a new inpatient menu** based on patient feedback with more than 2,600 food surveys completed in the 12 months leading up to the launch in December 2018. Food tasting events held providing visitors and staff an opportunity to comment on the quality and choice of food available.
- Introduced a **wider range of inpatient food options** for those patients with dietary or cultural preference including an increased amount of dishes available prepared using gluten free ingredients.
- Reinforced the **supported mealtime policy** across all inpatient areas to ensure that interruptions are limited and patients are supported where needed. We actively encourage families and carers to support their loved ones at mealtimes.
- Introduced **additional clinic sessions to support mothers** with complex breast feeding issues. Appointed a bereavement midwife to support women and their partners who have experienced the loss of their baby or babies during pregnancy or shortly after birth.
- **Established a scout group** based at the Russells Hall Hospital for children staying on the childrens ward. We are the first district general hospital to do so.
- Identified an area within the Emergency Department to **provide improved facilities for paediatric patients**.
- **Refurbished the adolescent room** located in the childrens ward with new wall murals.
- Opened a **new minor procedure room** at the Russells Hall Hospital that allows patients to have minor procedures without going to the main theatre.
- Opened a **Cardiac Assessment Unit** located within easy reach of the main emergency department providing a consultant led monitoring, triage and treatment facility.
- Introduced a red **electric miniature Maserati car** as a creative way to take younger patients to theatres to make the experience less daunting and less scary.
- Commissioned the **LIBRE monitoring system** for monitoring children with diabetes.
- Created a **new sensory trolley** that is taken to the child's bedside when they are unable to go the playroom for any reason.
- Introduced a Community IV team that can **administer antibiotics at the home** of a paediatric patient.
- Introduced a revolutionary new procedure for patients with acid reflux called **GERDX** with no requirement for an overnight stay.
- Established a **Parkinson's Disease Specialist Pharmacy Network (PDSPN)** as a national network to train pharmacists across the country in how to help patients manage their condition through medication.
- Developed an interactive online video programme as part of a '**Love Your Heart**' project to help patients with rheumatoid arthritis at increased risk of cardiovascular disease. The project won the Research Impact Award at the Clinical Research Network West Midlands Awards.
- Set up **child friendly play areas** in two areas of the ophthalmology waiting area.
- Developed a '**Welcome to the Ophthalmology department**' **patient information leaflet** advising patients attending a clinic appointment what to expect during their visit and who to speak to.
- Completed a project to improve the training of student nurses and doctors in how to treat patients with learning disabilities by **improving clinical and communication skills**. The training involves patients who themselves have a learning disability rather than using actors and mannequins.
- Set up an **Enhanced Care Home Team**, funded by Dudley Clinical Commissioning Group, to work initially with 18 care homes across the borough. The aim is to reduce 999 calls and hospital admissions by increasing the confidence of care home staff to manage the health needs of residents and improve delivery of care.

- Launched a new initiative that is helping nurses to stay at the bedside looking after patients while specially trained **pharmacy volunteers deliver urgent medication** to the wards.
- Trust dietitians coordinated a **hands-on training session for 25 care home cooks** from across the area who had to create delicious meals for people with swallowing difficulties.
- Continued to deliver **Dementia Friends training** across the Trust with 950 staff trained as at the end of December 2018.
- Re-introduced a pilot of the **Dementia care bundle** in October 2018 for patients living with Dementia who are being cared for on the Forget Me Not Unit. Evaluation to be undertaken in Q4 2018/19.
- The **older peoples mental health team have been based on ward C3** since October 2018.
- Supported the Forget Me Not Unit nursing leads to **access the FINDMEMORY advisor** to support the planned environment changes on the unit scheduled for implementation Q4, 2018/19.
- Business case prepared and submitted for the **installation of colour contrasting toilet seats and door surrounds**.
- Increased the ways that patients can provide feedback with the **launch of the Friends and Family Test (FFT) App** on the iPads used in the C4 day case along with a pilot set up to trial the App on community staff Lenovo devices.
- Redistributed a **revised Welcome to the Ward booklet** provided to adult inpatients across all wards.
- Continued to **support the wider Trust** to deliver patient experience actions.

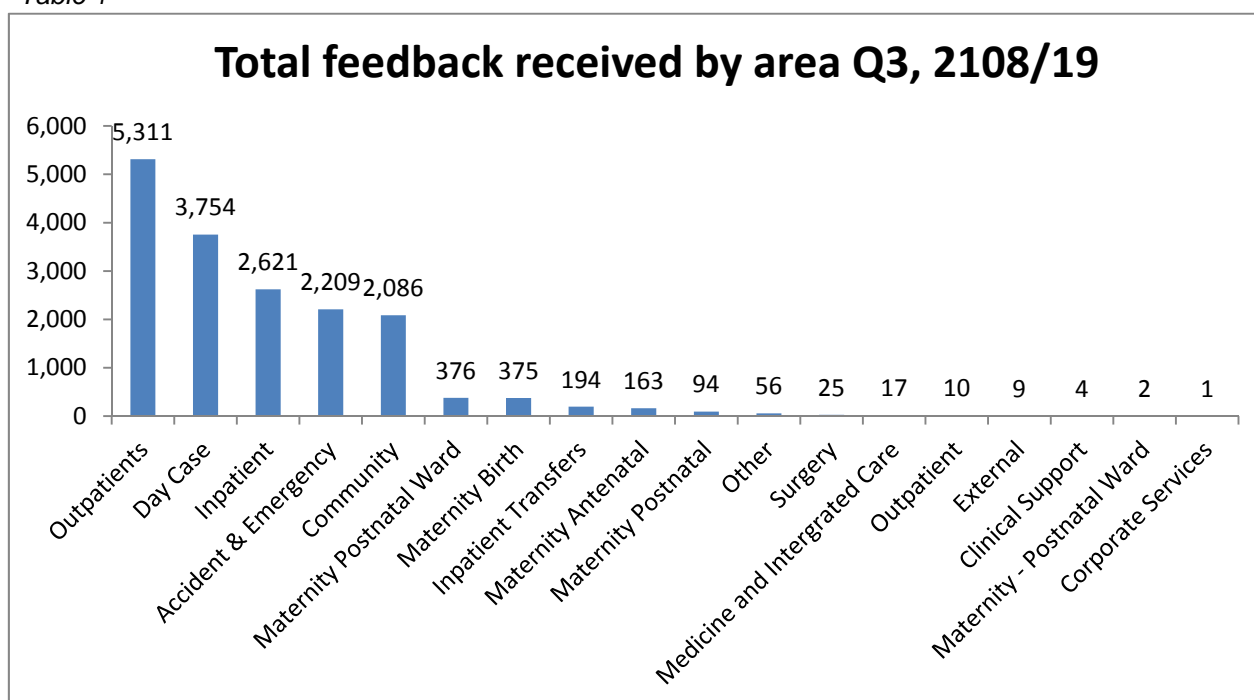
## Patient Stories

The Board continues to receive a patient's account bi-monthly. The aim of this activity is to demonstrate where high quality care is delivered as well as areas for improvement.

## Patient feedback

The Trust received 17,307 pieces of feedback during Q3 in comparison to 17,976 received in the previous quarter. *Table 1* illustrates the feedback received by area. This included responses to the Friends and Family Test (FFT) utilising a variety of mediums such as paper, SMS, App and the web. Additionally we collate feedback through real time surveys, NHS Choices, complaints, compliments and PALS.

Table 1





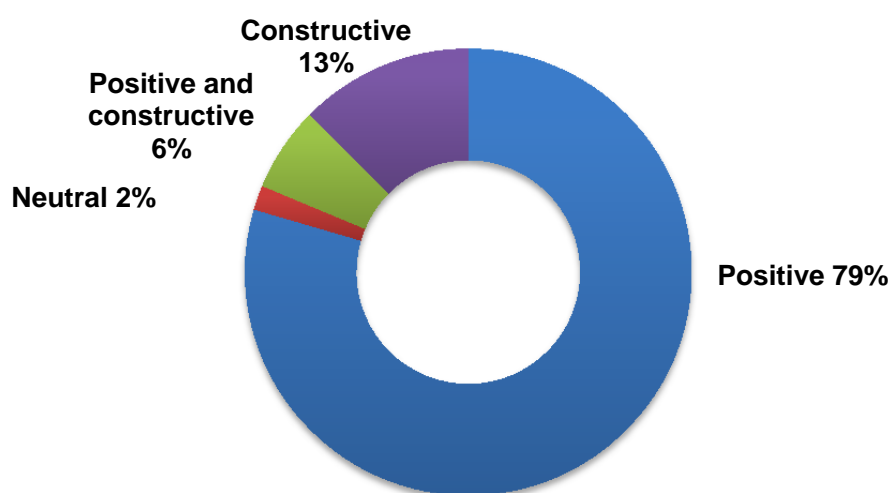
The Trust continues to receive an increasing amount of positive feedback. The Trust expects to receive more than 70,000 pieces of feedback during 2018/19 compared to 64,500 received in the previous year.

The term 'negative' feedback has been updated to use the descriptor of 'constructive' feedback to reflect the positive use of patient feedback to drive continual improvement.

During Q3, 2018/19, 79% of the feedback received is positive (77% in Q2 2018/19, 70.9% Q1, 2017/18, 63% Q2, 2016/17). *Table 2* below illustrates the breakdown of the four ways we tone comments received – positive, constructive, positive & constructive or neutral during Q3, 2018/19.

There has been a decrease in the amount of constructive feedback received. During Q3, 2018/19, more than 13% of feedback was constructive compared to 14% in Q2, 2017/18.

*Table 2*



## **1. National Survey Programme**

There were no national results published during Q3.

## **2. Other surveys**

### **2.1 Friends and Family Test**

FFT gives patients the opportunity to submit feedback to providers of NHS funded care or treatment, using a simple question which asks how likely (on a scale ranging from extremely likely to extremely unlikely) they are to recommend the service to their friends and family if they needed similar care or treatment.

Improving FFT response rates across all areas remains a focus with improvements seen following the expansion of the SMS FFT survey solution to all areas. The patient experience team continues to work with all areas to support initiatives to improve the response rate.

The Trust received 16,632 FFT returns during Q3 compared to 17,105 in Q2, 18/19 representing a 2.8% decrease in FFT returns. Response rates for the rolling twelve month period to June 2018 are detailed on the tables below:



## RAG rating legend – response rate

| Area                               | Below national average | Equal to or above national average | Equal to the top 20% of trusts nationally |
|------------------------------------|------------------------|------------------------------------|---|
| Community                          | <=3.4%                 | >=3.5% - 9.0%                      | 9.1% +                                    |
| Emergency Department Services (ED) | <=14.4%                | >=14.5-21.2%                       | 21.3%+                                    |
| Maternity - Ante Natal             | <=21.6%                | >=21.7% - 34.3%                    | 34.4% +                                   |
| Maternity - Births                 | <=21.6%                | >=21.7% - 34.3%                    | 34.4% +                                   |
| Maternity - Community              | <=21.6%                | >=21.7% - 34.3%                    | 34.4% +                                   |
| Maternity - Wards                  | <=21.6%                | >=21.7% - 34.3%                    | 34.4% +                                   |
| Maternity – Combined               | <=21.6%                | >=21.7% - 34.3%                    | 34.4% +                                   |
| Outpatients                        | <=4.6%                 | >=4.7% - 14.4%                     | 14.5% +                                   |
| Inpatients                         | <=25.9%                | >=26% - 34.4%                      | 35.1% +                                   |

## Community services response rates

| Ward                              | 2018        |           |             |             |           |             |             |             |             |             |             |             |
|-----------------------------------|-------------|-----------|-------------|-------------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                                   | Jan         | Feb       | Mar         | Apr         | May       | Jun         | Jul         | Aug         | Sep         | Oct         | Nov         | Dec         |
| Community Nursing Services        | 7.4%        | 9.2%      | 6.9%        | 5.3%        | 4.9%      | 5.7%        | 6.9%        | 4.5%        | 11.2%       | 12.3%       | 10.3%       | 8.2%        |
| Rehabilitation & Therapy Services | 2.7%        | 3%        | 2.6%        | 2.1%        | 2.8%      | 4.5%        | 3.6%        | 3.1%        | 3.8%        | 3.9%        | 3.8%        | 1.6%        |
| Specialist Services               | 0%          | 0.3%      | 0.6%        | 1.6%        | 0.3%      | 0.4%        | 0.3%        | 0.3%        | 0.8%        | 1.8%        | 0.9%        | 0.2%        |
| <b>Overall</b>                    | <b>3.3%</b> | <b>4%</b> | <b>3.4%</b> | <b>2.9%</b> | <b>3%</b> | <b>4.2%</b> | <b>4.1%</b> | <b>3.2%</b> | <b>5.8%</b> | <b>6.1%</b> | <b>5.3%</b> | <b>3.7%</b> |

## ED services response rates

| Ward                      | 2018         |              |              |              |            |              |              |              |              |              |              |              |
|---------------------------|--------------|--------------|--------------|--------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                           | Jan          | Feb          | Mar          | Apr          | May        | Jun          | Jul          | Aug          | Sep          | Oct          | Nov          | Dec          |
| Acute Medical Unit        | 69.9%        | 100%         | 100%         | 49.6%        | 45%        | 44.2%        | 53.8%        | 40%          | 65.9%        | 64.6%        | 66.8%        | 88.7%        |
| Emergency Ambulatory Care |              |              |              |              |            |              |              |              |              |              |              |              |
| Emergency Department      | 16.9%        | 16.4%        | 14.9%        | 14.4%        | 14.5%      | 15.2%        | 15.1%        | 13.2%        | 13.6%        | 13.9%        | 12.6%        | 12.8%        |
| <b>Overall</b>            | <b>21.2%</b> | <b>22.6%</b> | <b>19.5%</b> | <b>17.9%</b> | <b>18%</b> | <b>19.1%</b> | <b>18.6%</b> | <b>16.6%</b> | <b>18.2%</b> | <b>18.6%</b> | <b>17.7%</b> | <b>17.5%</b> |

## Maternity services response rates

| Ward                | 2018         |              |              |              |              |              |              |              |              |              |              |            |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|
|                     | Jan          | Feb          | Mar          | Apr          | May          | Jun          | Jul          | Aug          | Sep          | Oct          | Nov          | Dec        |
| Antenatal           | 47.8%        | 68.6%        | 42.7%        | 20.4%        | 91.4%        | 70.2%        | 52.4%        | 56.8%        | 28.7%        | 26.9%        | 42.3%        | 16.5%      |
| Birth               | 39.2%        | 28.5%        | 41.2%        | 40%          | 38%          | 33.6%        | 27.4%        | 19.9%        | 27.4%        | 40.6%        | 29.7%        | 36.3%      |
| Postnatal Community | 27.8%        | 19.8%        | 9.7%         | 1.3%         | 15.3%        | 19.5%        | 24.1%        | 15.8%        | 18.8%        | 11.8%        | 11.8%        | 20.9%      |
| Postnatal Ward      | 38.3%        | 29%          | 41.5%        | 39.8%        | 37.5%        | 34%          | 27.6%        | 19.7%        | 27.6%        | 40.1%        | 30%          | 36.5%      |
| <b>Overall</b>      | <b>38.4%</b> | <b>35.9%</b> | <b>36.3%</b> | <b>30.3%</b> | <b>43.2%</b> | <b>37.9%</b> | <b>31.8%</b> | <b>25.5%</b> | <b>26.4%</b> | <b>32.7%</b> | <b>28.3%</b> | <b>30%</b> |

## Outpatient services response rates

| Ward           | 2018        |             |             |             |             |             |             |             |             |             |             |             |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                | Jan         | Feb         | Mar         | Apr         | May         | Jun         | Jul         | Aug         | Sep         | Oct         | Nov         | Dec         |
| Outpatients    | 5.9%        | 4.4%        | 4.6%        | 4.9%        | 5.7%        | 5.1%        | 5.8%        | 5.4%        | 5.4%        | 5.1%        | 5.3%        | 4.8%        |
| <b>Overall</b> | <b>5.9%</b> | <b>4.4%</b> | <b>4.6%</b> | <b>4.9%</b> | <b>5.7%</b> | <b>5.1%</b> | <b>5.8%</b> | <b>5.4%</b> | <b>5.4%</b> | <b>5.1%</b> | <b>5.3%</b> | <b>4.8%</b> |

## Inpatients response rates

| Ward           | Jan          | Feb          | Mar          | Apr          | May        | Jun          | Jul          | Aug          | Sep        | Oct          | Nov        | Dec          |
|----------------|--------------|--------------|--------------|--------------|------------|--------------|--------------|--------------|------------|--------------|------------|--------------|
| A2             | 2.2%         | 1.7%         | 2.4%         | 3.5%         | 18.7%      | 20.5%        | 9.3%         | 24.4%        | 19.2%      | 25%          |            |              |
| A4             |              |              |              |              |            |              |              |              |            |              |            |              |
| B1             | 45.6%        | 58.4%        | 63.8%        | 41.3%        | 37.7%      | 53%          | 57.4%        | 54.8%        | 47.3%      | 42.5%        | 56.1%      | 46.2%        |
| B2 Hip         | 38.4%        | 55.3%        | 40.7%        | 43.8%        | 36.6%      | 37.9%        | 34.7%        | 25.3%        | 51.8%      | 18.3%        | 66.6%      | 67%          |
| B2 Trauma      | 100%         | 88.8%        | 78.5%        | 93.7%        | 76.9%      | 100%         | 73.8%        | 73.5%        | 73.4%      | 91.6%        | 57.1%      | 57.9%        |
| B3             | 30.5%        | 29.1%        | 27%          | 48.1%        | 25.3%      | 52.2%        | 47.1%        | 40.2%        | 31%        | 38.1%        | 37.2%      | 27%          |
| B4             | 50.7%        | 34.7%        | 35.1%        | 60.2%        | 51.2%      | 51.9%        | 58.1%        | 40.4%        | 42.3%      | 56.5%        | 43.1%      | 42%          |
| B5             | 48.2%        | 48.2%        | 39.8%        | 38.1%        | 43.7%      | 66.3%        | 49.1%        | 38.8%        | 31.3%      | 32.5%        | 37.5%      | 36%          |
| B6             | 5.3%         | 0%           | 0%           | 10.6%        | 5.8%       | 26.1%        | 69.2%        | 39.5%        | 29.6%      | 27.7%        | 12.6%      | 42.8%        |
| C1             | 21.9%        | 34.8%        | 34%          | 55.2%        | 20.8%      | 43.6%        | 52.5%        | 61.8%        | 57.1%      | 42.3%        | 51.2%      | 55.1%        |
| C2             | 14.6%        | 8.4%         | 17.4%        | 16.6%        | 23.9%      | 43.3%        | 20.8%        | 27.8%        | 37.4%      | 16.4%        | 9.3%       | 9.3%         |
| C3             | 46%          | 50%          | 38.5%        | 79.5%        | 63%        | 53.4%        | 32.8%        | 63.3%        | 43.6%      | 38.9%        | 59.5%      | 75.2%        |
| C4             | 49%          | 56.8%        | 62.5%        | 70.3%        | 68.8%      | 55.3%        | 44.1%        | 60%          | 72.8%      | 72.7%        | 97.6%      | 89%          |
| C5             | 40.8%        | 22.9%        | 19.7%        | 21.3%        | 26.8%      | 22.8%        | 22.5%        | 30.4%        | 13.6%      | 26.4%        | 21.6%      | 22.3%        |
| C6             | 38.8%        | 31%          | 69.2%        | 60.5%        | 46.7%      | 61%          | 51.3%        | 65.3%        | 25.4%      | 47%          | 50.7%      | 34.7%        |
| C7             | 34.4%        | 27.3%        | 24.2%        | 45.4%        | 19.3%      | 23.1%        | 30.2%        | 21.4%        | 51.1%      | 56.9%        | 44.8%      | 34%          |
| C8             | 6.1%         | 7.5%         | 28.7%        | 30.2%        | 18.6%      | 31.1%        | 20.8%        | 24.7%        | 31.2%      | 27.7%        | 40.6%      | 22%          |
| CCU & PCCU     | 17%          | 25.5%        | 20.4%        | 29.7%        | 25.2%      | 27.6%        | 28.3%        | 25.8%        | 18.5%      | 45%          | 30.3%      | 24.5%        |
| Day Case       | 30.2%        | 38.1%        | 36.6%        | 28.9%        | 32.4%      | 41.3%        | 34.2%        | 27.5%        | 34.2%      | 29.9%        | 33.8%      | 27.5%        |
| ITU            | 33.3%        | 100%         | 66.6%        | 100%         | 0%         | 0%           | 100%         | 100%         | 50%        | 0%           | 0%         | 0%           |
| MH DU          | 100%         | 30%          | 33.3%        | 100%         | 66.6%      | 90.9%        | 100%         | 100%         | 50%        | 100%         | 61.5%      | 100%         |
| Neonatal       | 54.9%        | 42.8%        | 41.1%        | 40%          | 55.8%      | 55.2%        | 70.9%        | 45.9%        | 41.6%      | 59.3%        | 50%        | 5.7%         |
| SHDU           | 33.3%        |              | 100%         | 100%         | 100%       | 100%         | 100%         | 100%         | 100%       | 100%         | 0%         | 100%         |
| <b>Overall</b> | <b>30.1%</b> | <b>34.6%</b> | <b>34.9%</b> | <b>32.2%</b> | <b>33%</b> | <b>42.4%</b> | <b>35.9%</b> | <b>31.8%</b> | <b>35%</b> | <b>32.5%</b> | <b>35%</b> | <b>30.5%</b> |

Note: where gaps appear there is no data available as ward area currently designated to other activity or there has been no responses received. Also to note that during September A2 became AMU2.

Achieving a percentage recommended FFT score equal to or better than the national average is one of the Trusts Quality Priorities for patient experience and is relevant when a significant number of patients are asked. The FFT percentage recommended scores for the year including Q3 (where data is published) are as follows (red indicates where this is not achieved):

| Percentage recommended FFT Scores    | Apr 18    | May 18**    | Jun 18      | Jul 18      | Aug 18      | Sep 18      | Oct 18      | Nov 18      | Dec 18      |
|--------------------------------------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Inpatient</b>                     | <b>95</b> | <b>93.7</b> | <b>94.4</b> | <b>94.1</b> | <b>93.7</b> | <b>93.0</b> | <b>94.1</b> | <b>94.0</b> | <b>93.1</b> |
| National                             | 96        | 96          | 96          | 96          | 96          | 96          | 96          | 96          | **          |
| <b>A &amp; E</b>                     | <b>82</b> | <b>77.8</b> | <b>77.1</b> | <b>76.2</b> | <b>77.1</b> | <b>75.7</b> | <b>80.2</b> | <b>76.9</b> | <b>76.3</b> |
| National                             | 87        | 87          | 87          | 87          | 88          | 86          | 87          | 87          | **          |
| <b>Maternity Antenatal</b>           | <b>98</b> | <b>97.5</b> | <b>100</b>  | <b>98.3</b> | <b>99.1</b> | <b>94.5</b> | <b>100</b>  | <b>97.2</b> | <b>96.9</b> |
| National                             | 97        | 95          | 96          | 95          | 95          | 95          | 95          | 95          | **          |
| <b>Maternity Birth</b>               | <b>99</b> | <b>97.8</b> | <b>96.5</b> | <b>100</b>  | <b>98.6</b> | <b>96.8</b> | <b>100</b>  | <b>96.2</b> | <b>98.3</b> |
| National                             | 97        | 97          | 97          | 97          | 97          | 96          | 97          | 97          | **          |
| <b>Maternity Post-natal Ward</b>     | <b>98</b> | <b>95.6</b> | <b>96.5</b> | <b>98.9</b> | <b>98.6</b> | <b>95.7</b> | <b>98.5</b> | <b>93.5</b> | <b>94.3</b> |
| National                             | 95        | 95          | 95          | 95          | 95          | 94          | 95          | 95          | **          |
| <b>Maternity Postnatal Community</b> | <b>98</b> | <b>100</b>  | <b>100</b>  | <b>98.1</b> | <b>100</b>  | <b>96.5</b> | <b>100</b>  | <b>100</b>  | <b>94.8</b> |
| National                             | *         | 98          | 98          | 98          | 98          | 98          | 98          | 97          | **          |
| <b>Community</b>                     | <b>96</b> | <b>95.3</b> | <b>96.7</b> | <b>95.6</b> | <b>96.2</b> | <b>93.3</b> | <b>94.1</b> | <b>93.7</b> | <b>92.7</b> |
| National                             | 96        | 95          | 95          | 95          | 96          | 95          | 96          | 96          | **          |
| <b>Outpatients</b>                   | <b>90</b> | <b>89.4</b> | <b>90.5</b> | <b>87.4</b> | <b>91.3</b> | <b>88.9</b> | <b>90.2</b> | <b>89</b>   | <b>90.2</b> |
| National                             | 94        | 94          | 94          | 94          | 94          | 93          | 94          | 94          | **          |

\*no national data available. \*\*local results. National data available mid November 2018.

## 2.2 Real time inpatient survey

Inpatients are routinely offered the opportunity participate in a local real time survey that includes a selection of questions relating to their experience. These are drawn from the national survey and provide the Trust with a real time monitor of performance of the following:

- Do patients have confidence and trust in the staff treating them?
- Do patients think they were treated with dignity and respect?
- Do patients feel they were given enough privacy and dignity when discussing their condition/treatment?
- Do women feel they were kept informed about all aspects of their care/treatment (*applicable to maternity only*)?
- Do patients think that call bells were always answered in a reasonable time?

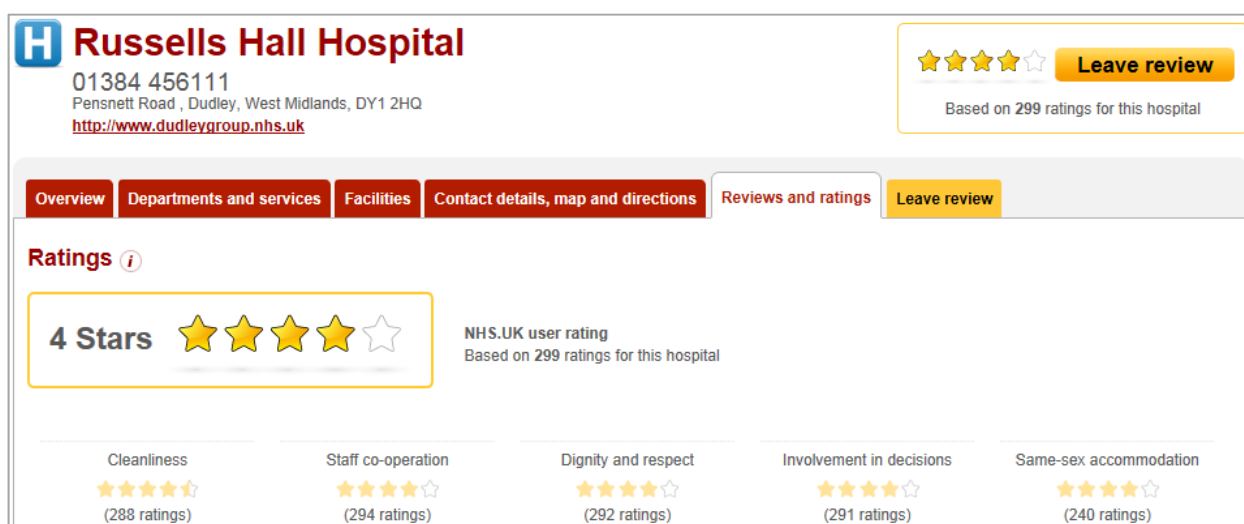
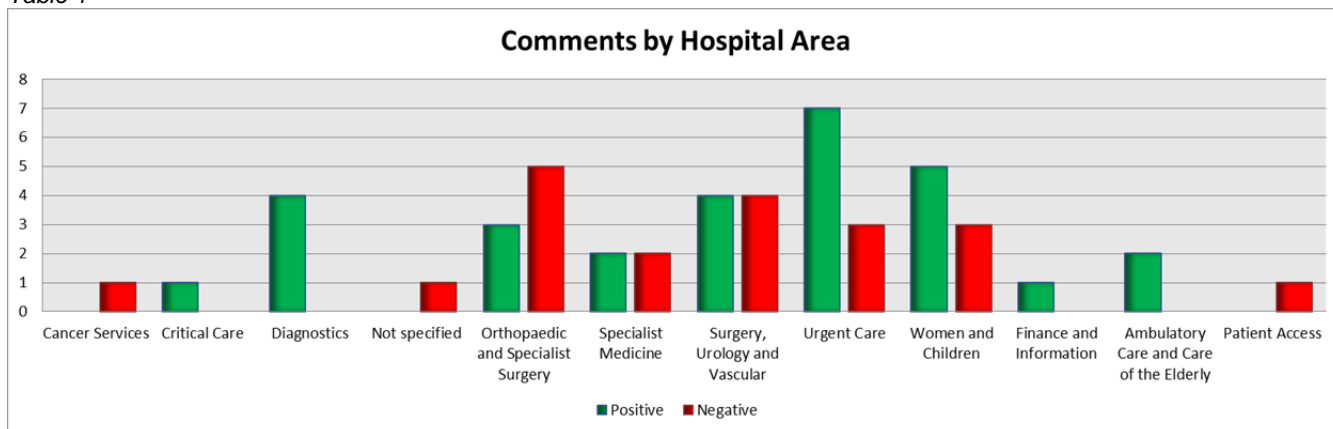
The results are shared with the ward areas each month. The weighted scores are displayed on the individual 'Huddle' boards located in each ward area providing information for both staff and patients. The results for Q3, October to December 2018 are as follows:

| Ward/area                       | /10 patients had confidence and trust in the staff treating them | /10 patients said they were treated with dignity and respect | /10 patients felt they were given enough privacy and dignity when discussing their condition/treatment | / 10 women felt they were kept informed about all aspects of their care/treatment (Maternity only) | % patients said call bells were always answered in a reasonable time | No. of patients surveyed |
|---------------------------------|--|--|--|--|--|--------------------------|
| Acute Medical Unit              | 9.8  | 10.0   | 9.5  |  | 92   | 41                       |
| B1                              | 9.7  | 9.7  | 10.0   |  | 88   | 33                       |
| B2 (Hip Suite)                  | 9.4  | 9.2  | 10.0   |  | 88   | 13                       |
| B2 (Trauma)                     | 9.3  | 9.7  | 10.0   |  | 70   | 17                       |
| B3                              | 9.3  | 9.7  | 9.4  |  | 67   | 20                       |
| B4                              | 8.9  | 9.8  | 9.7  |  | 85   | 66                       |
| B5                              | 8.2  | 9.1  | 9.3  |  | 88   | 31                       |
| B6                              | 9.4  | 10.0   | 10.0   |  | 80   | 11                       |
| C1                              | 9.2  | 9.3  | 9.3  |  | 73   | 28                       |
| C3                              | 9.5  | 10.0   | 9.4  |  | 73   | 19                       |
| C4                              | 10.0   | 10.0   | 10.0   |  | 100  | 7                        |
| C5                              | 9.4  | 9.8  | 10.0   |  | 87   | 25                       |
| C6                              | 9.2  | 9.8  | 9.1  |  | 88   | 27                       |
| C7                              | 8.7  | 9.4  | 10.0   |  | 88   | 29                       |
| C8                              | 9.9  | 10.0   | 8.8  |  | 100  | 23                       |
| Coronary/Post Coronary Care     | 9.7  | 10.0   | 10.0   |  | 100  | 17                       |
| Maternity - Birth               | 10.0   | 10.0   |  | 9.4  | 88   | 11                       |
| <b>All areas weighted score</b> | <b>9.2</b>   | <b>9.7</b>   | <b>9.6</b>   | <b>9.4</b>   | <b>85</b>  | <b>418</b>               |

## 3. NHS Choices

In Q3, 49 people uploaded feedback electronically to NHS Choices or Care Opinion, (46 in Q2, 2018/19). Of those 49 comments, 59% (65% in Q2, 2018/19) were positive and 41% (35% in Q2, 2018/19) were negative. *Table 1* below details the comments received by area (where identified) for Q3. Urgent Care received the most positive feedback.

Table 1



NHS Choices star rating for Russells Hall Hospital as at 31 December 2018.

#### 4. Complaints

The Trust received 144 complaints during Q3, 2018/19 compared to 163 in Q2, 2018/19 and 122 in Q1, 2018/19 resulting in a -11.65% decrease in complaints received.

Two key metrics within the complaints service is that:

- All complaints will be acknowledged within 3 working days, this is a national standard.
- Complaints will receive a reply from the Trust within 40 working days.

The table below shows complaints activity and total number of complaints open as at 31 December 2018:

| Complaints outstanding (exc. re-opened complaints) as of 31 December 2018 | Complaints opened in December 2018 | Complaints closed in December 2018 | Complaints brought forward | Complaints overdue as of 31 December 2018 |
|---|------------------------------------|------------------------------------|----------------------------|---|
| 209   | 47                                 | 36                                 | 209                        | 123                                       |

The table below details the length of time that complaints have been open (not as yet closed) as of 31 December 2018.

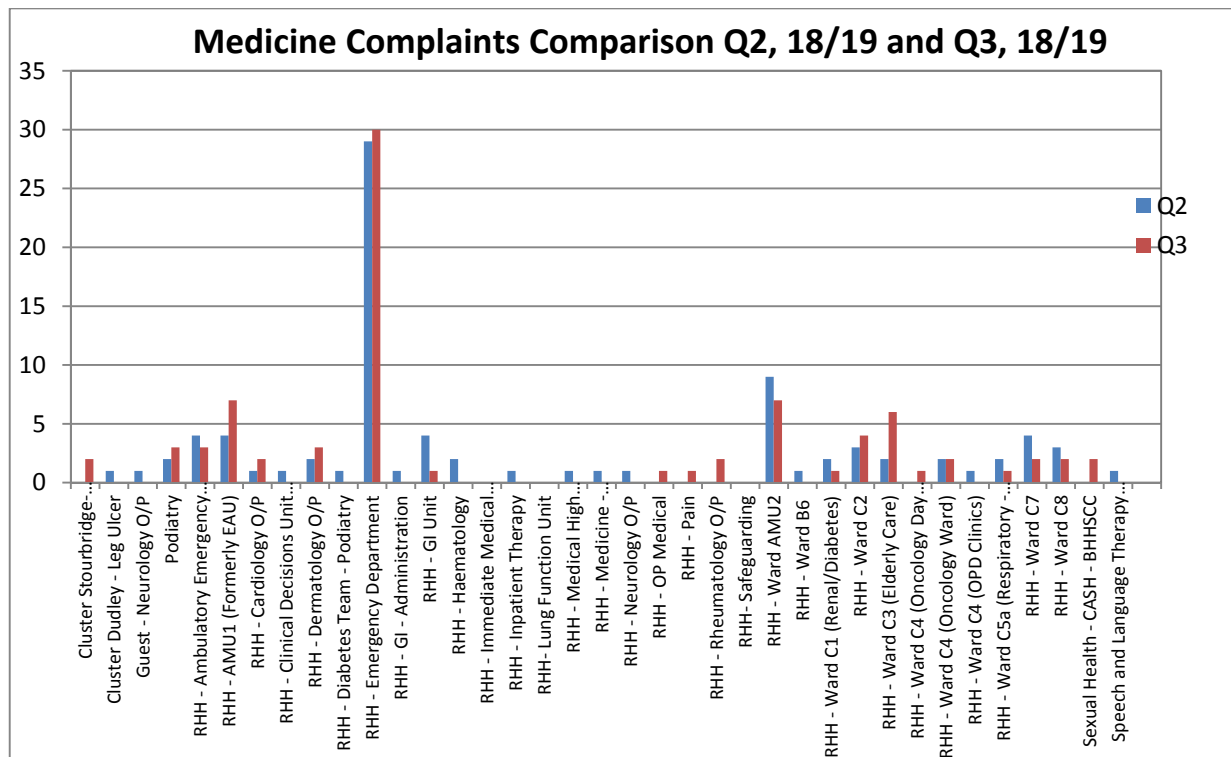
| 0 – 28 working days | 29 – 40 working days | 41 – 60 working days | 61 – 100 working days | 101 – 393 working days |
|---------------------|----------------------|----------------------|-----------------------|------------------------|
| 63                  | 23                   | 37                   | 45                    | 41                     |

The Trust undertook 321,252 clinical patient contacts in Q3 which equates to 0.04% of patients/families making a complaint. The divisional performance during Q3 is as follows:

- Surgery Division received 61 complaints
- Medicine & Integrated Care Division received 77 complaints
- Clinical Support Division received four complaints
- Other two complaints (Corporate Nursing Division (not wards) and Corporate Services (including IT))

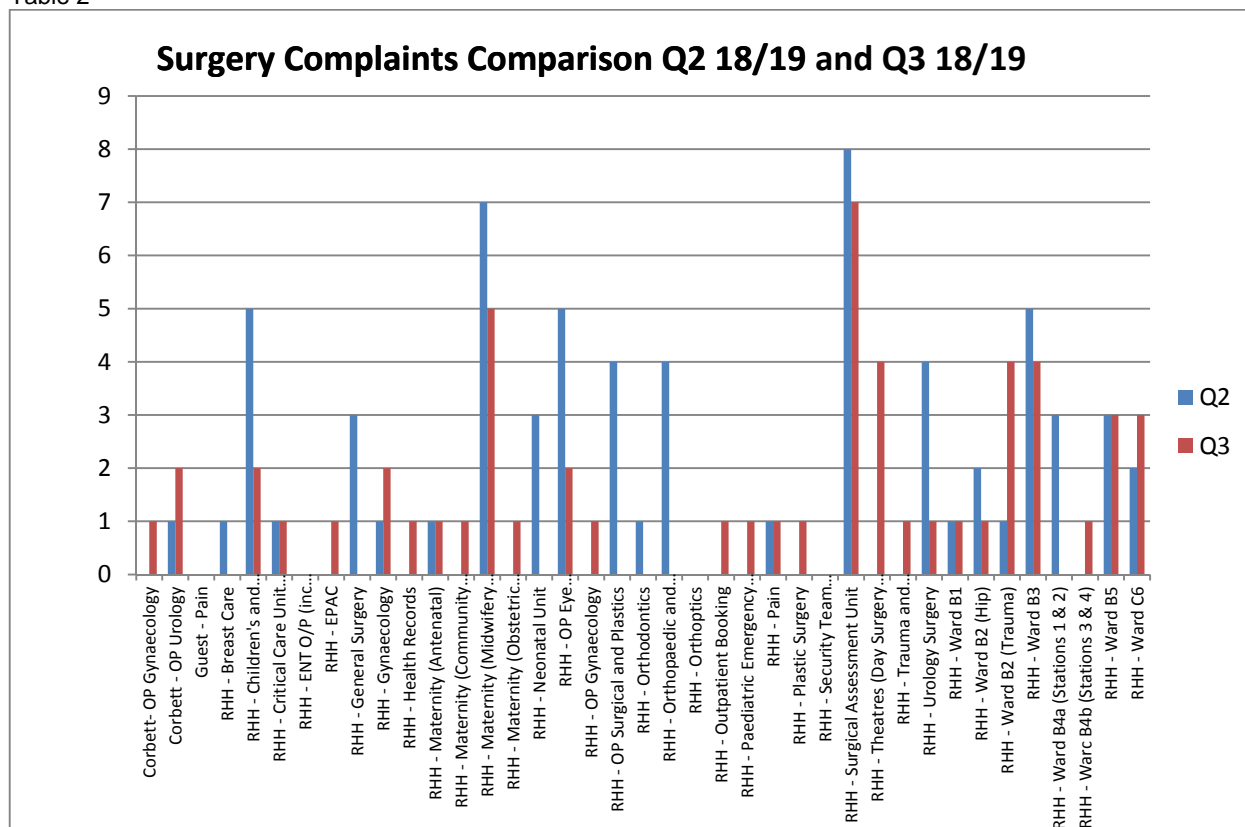
The following graphs illustrate complaints received within the division and which specific area of the Trust. They also demonstrate a comparison between Q3 and Q2, 18/19.

Table 1



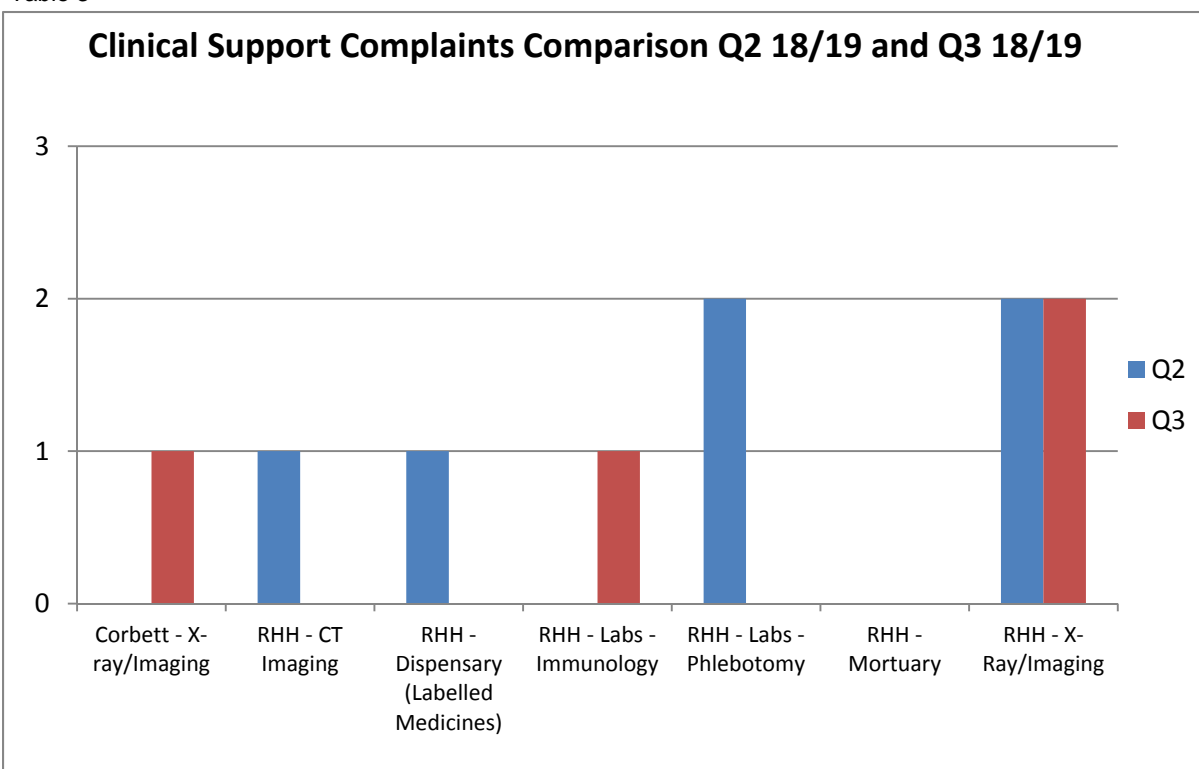
The Emergency Department has seen a slight increase in complaints from 29 in Q2, 2018/19 to 30 in Q3 2018/19 and continues to be the highest area of complaints received. Ward AMU1, ward C3, ward C2 and podiatry have also seen an increase in complaints received from the previous quarter.

Table 2



There has been an increase in complaints received regarding theatres (day case surgery) and maternity (community midwifery). The complaints received are widespread for Surgery across several areas.

Table 3



There has been an increase in complaints received for Corbett Outpatient Centre; X-ray/imaging (1) and RHH – Labs – Immunology (1).

There has been one complaint received for corporate nursing division (RHH- Complaints) and one external complaint for estates (PFI Partners).

In general, Q3, 2018/19 has seen a much more widespread distribution of complaints across the Trust with several areas receiving at least one complaint.

The senior complaints coordinator discusses complaints received on a weekly basis with divisions.

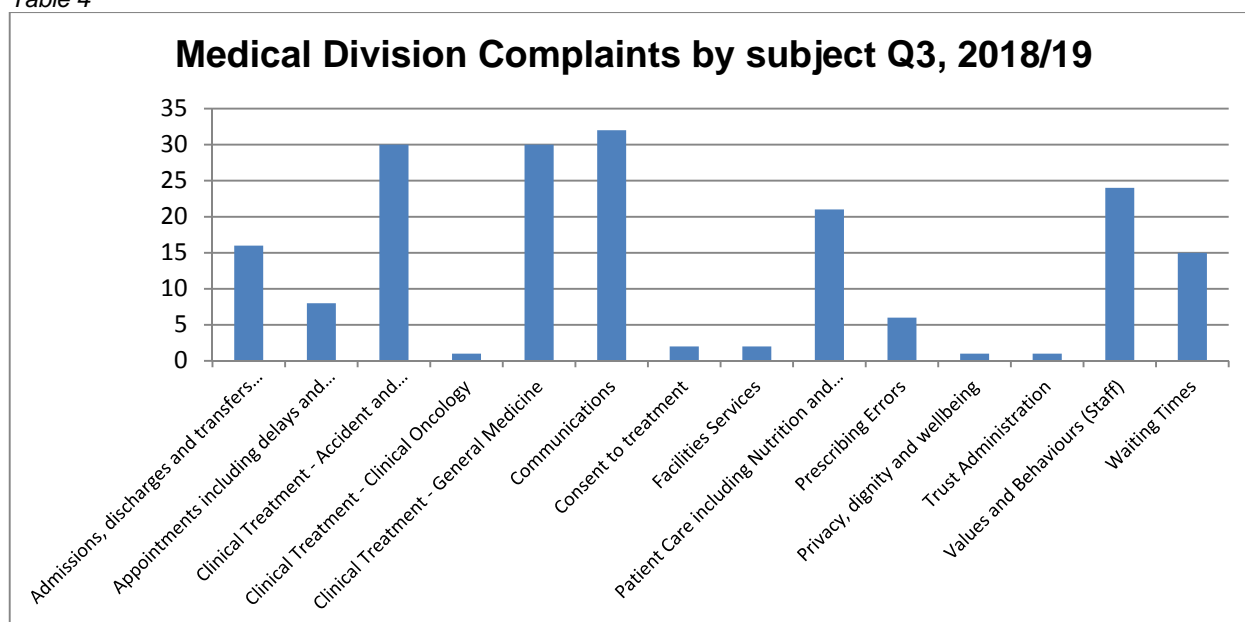
### **Medicine & Integrated Care Division**

During Q3, a total of 77 complaints were received by the Medical & Integrated Care Division, which indicates a decrease of -10.46% from Q2, 2018/19 (86) and 45.28% increase (53) for the same period last year (Q3, 2017/18). The Emergency Department has seen the biggest rise in complaints during Q3, 2018/19 (30) compared with Q3, 2017/18 (16).

*Please note that Table 1 and Table 5 will differ in terms of the number of complaints received as opposed to number of complaints received by team responsible as all subjects within a complaint are captured and logged separately. For example, one letter of complaint may cover a range of subjects linked to multiple divisions, areas and teams responsible.*

Table 4, details complaints received by subject.

Table 4



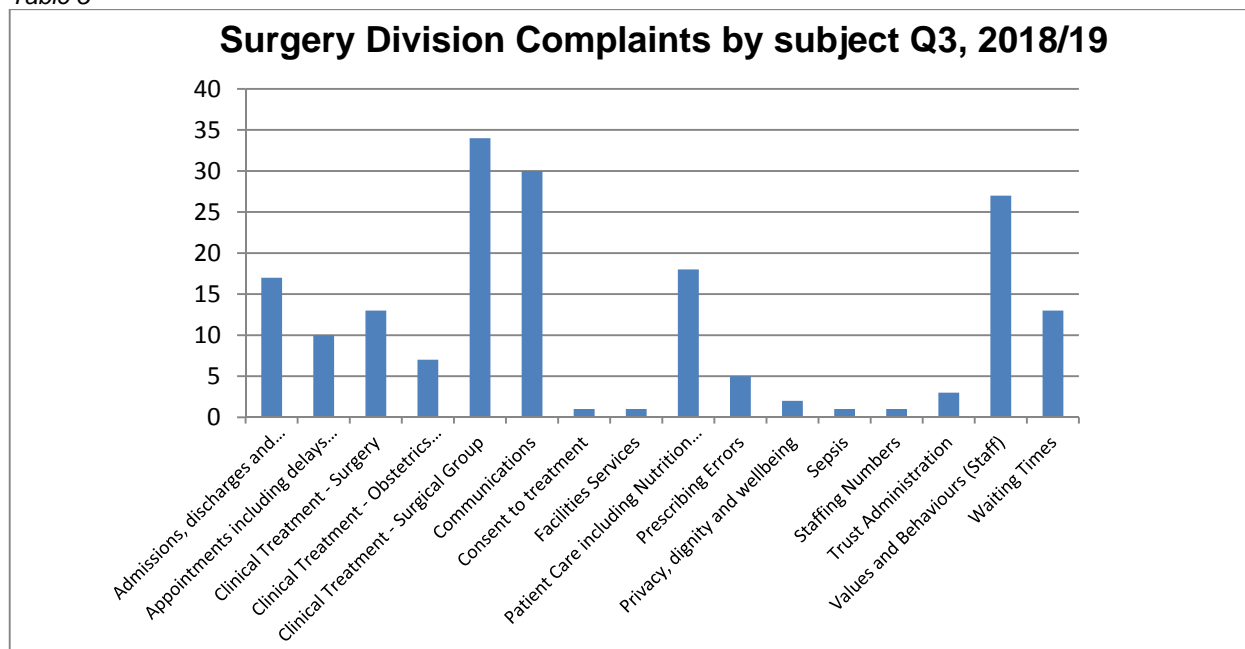
### **Surgery Division**

During Q3, a total of 61 complaints were received by the Surgical Division, which indicates a decrease of -12.85% from Q2, 2018/19 (70) and 56.41% increase (39) for the same period the previous year (Q3, 2017/18). Further analysis has identified that Surgical Assessment Unit (SAU) have seen a decrease in complaints in Q3, 2018/19 (7) compared to Q3, 2017/18 (13 including SAU and ward B5).

Please note that Table 2 and Table 5 will differ in terms of the number of complaints received as all subjects within a complaint are captured and logged separately. For example, one letter of complaint may cover a range of subjects linked to multiple divisions, areas and teams responsible.

Table 5, details complaints received by subject.

Table 5

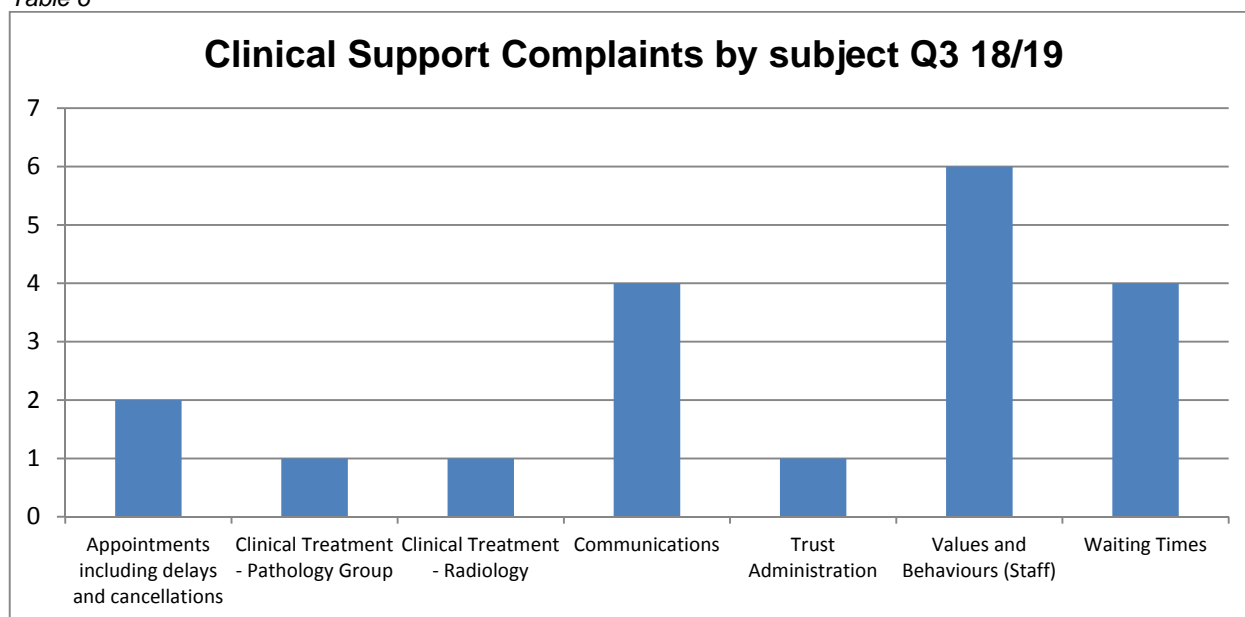


### **Clinical Support Division**

During Q3, a total of four complaints were received by the Clinical Support Division which indicates a -33.3% decrease from Q2, 2018/19 (6).

Table 6 details complaints received by subject.

Table 6





## **Complaint Themes**

The top five themes across the three divisions are as follows:

| <b>Themes Q3, 2018/19</b>                      | <b>Total</b> |
|--|--------------|
| Communications                                 | 48           |
| Values and Behaviours (Staff)                  | 47           |
| Clinical Treatment - Surgical Group            | 33           |
| Patient Care including Nutrition and Hydration | 27           |
| Clinical Treatment - Accident and Emergency    | 25           |

## **Reopened Complaints**

During Q3, the Trust received correspondence from 18 complainants who were dissatisfied with their original complaint response from the Trust.

These included clinical discrepancies within the initial response letter and complainants stating that some of their initial concerns had not been resolved. The complaints were initially closed in Q3, Q2 and Q1, 2018/19. Out of the 18 reopened complaints, four have been responded to and are closed, five have requested local resolutions meetings, which are to be arranged, and the remaining nine complainants have requested a written response.

These related to:

- Medicine & Integrated Care Division - 11
- Surgery Division – 4
- Both Medicine & Integrated Care Division and Surgery Division- 2
- Clinical Support Division- 1

## **Complaint responses**

The Trust has been unable to achieve the locally agreed response time of 40 working days due to the high number of complaints received, capacity issues as well as some complex complaints.

NHS organisations are encouraged to set the number of working days, which they believe is reasonable to reply sufficiently to users who have reason to complain. There is an expectation that the Trust will comply with locally agreed timeframe in 90% of all cases.

Within the reported quarter the Trust replied to 145 complaints in total. Of the 145 responses 35 (24.13%) were closed within 40 working days.

All complainants that were not responded to within the 40 working days received correspondence from the Trust requesting and asking for their agreement to an extended timeframe, this is in line with 'The Local Authority Social Services and NHS Complaints (England) Regulations 2009'.

There were 28 local resolution meetings (LRM) held in Q3, which impacted on the 40 working day timescale being extended to accommodate such meetings.

## **Members of Parliament (MP)**

There were six MP cases received during Q3, 2018/19. Five of these have been closed and one remains open.

### **Local Government Ombudsman (LGO)**

The Trust received two new applications from the LGO during Q3, 2018/19.

The LGO investigates complaints relating to councils, all adult social care providers (including care homes and home care agencies) and some other organisations providing local public services.

### **Parliamentary Health Service Ombudsman (PHSO)**

The Trust received three new applications from the Parliamentary Health Service Ombudsman (PHSO) during Q3. During Q3, two cases were closed; a long-standing case, which the Trust was appealing, concluded in favour of the Trust and one case after consideration by the PHSO no further action is required. There are currently seven cases open for consideration by the PHSO compared to six in Q2, 2018/19.

### **Complaints Satisfaction Surveys**

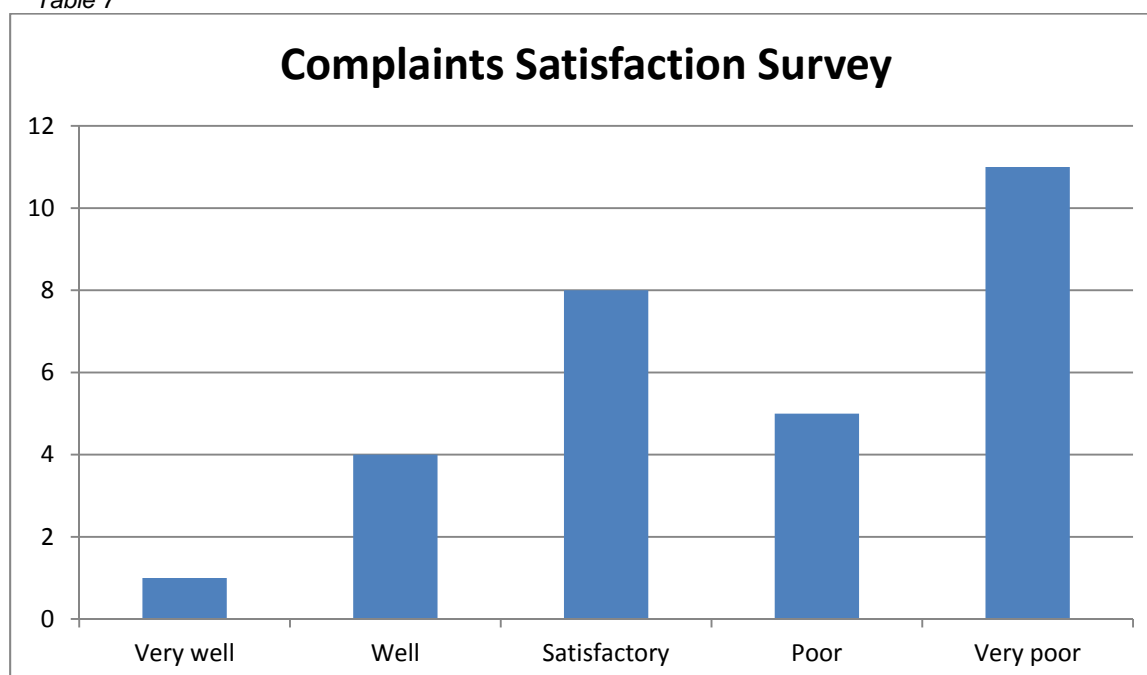
It is mandated that all trusts participate in the complaints satisfaction survey and is part of the NHS Complaints Legislation (2009). All complainants have the opportunity to complete a complaint satisfaction survey.

Of the 145 complaints closed in Q3, 66 complaint satisfaction surveys were sent out and of those sent the Trust has received 29 completed surveys back. It has been agreed locally that surveys are sent out six weeks after closure to allow time for the complainant to consider the response.

The survey is intended to be about the process and management of the complaint and not about the outcome. However, often complainants that are unhappy with the outcome of their complaint base their survey response on their dissatisfaction. All survey responses are anonymous although a number of complainants do write on the survey explaining why they are unhappy with their complaint response. The complaints team do where the complainant can be identified make contact to offer further assistance.

Table 7 illustrates the feedback received from the complaints satisfaction survey received in Q3.

Table 7



## 5. Compliments

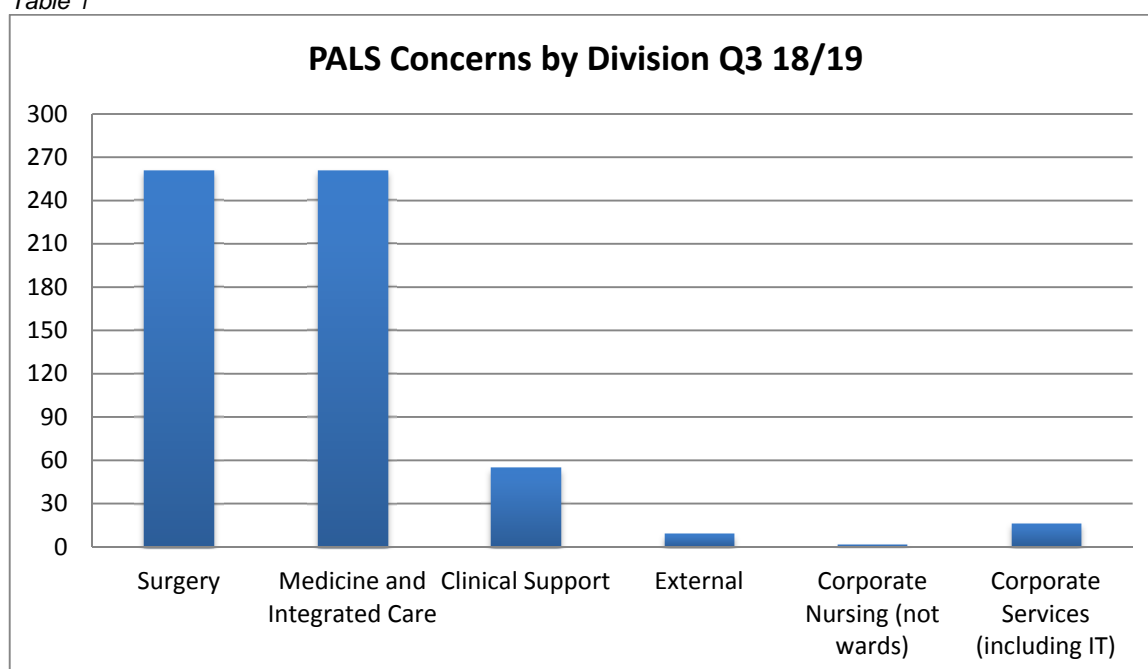
The Trust continues to receive a high number of compliments equating to around 0.75% of patient activity. All compliments received by the Chief Executive and the Chief Nurse are acknowledged personally and shared with the staff involved. A total of 2,416 compliments were received in Q3 which represents a 57.5% increase from Q2 (1,534), 2018/19.

## 6. Patient Advice Liaison Service

Patient Advice Liaison Service (PALS) received 604 new concerns in Q3, which is a -9.04% decrease compared to Q2, 2018/19 (664).

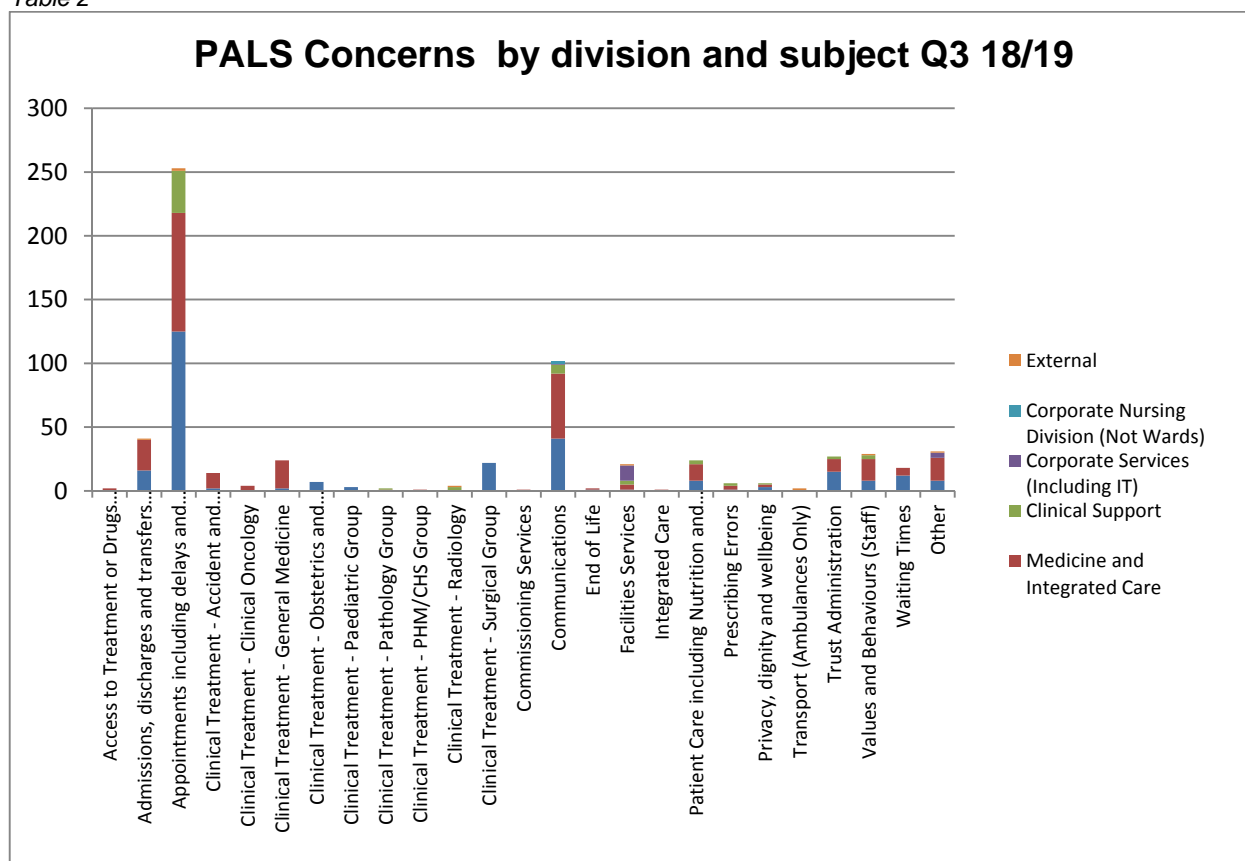
*Table 1* details the breakdown by division during Q3:

*Table 1*



Please note that the tables below show a greater number of categories than PALS concerns received as some have multiple categories assigned to an individual concern. The most commonly raised concerns relate to delayed appointments and communication.

Table 2



The PALS team is currently receiving an average of 50 new concerns each week in addition to telephone calls received which require signposting. These concerns are escalated as appropriate (internally/externally) with the aim to seek resolution within 24 hours. However some concerns cannot be responded to within 24 hours due to annual leave, availability of information and complexity of the concerns raised (these are concerns whereby the person raising them does not wish to make a formal complaint).

Of the 604 concerns received, 569 concerns were closed within Q3 and *Table 3* shows the time taken by PALS to respond. Of the 569 concerns received for Q3, 76% were resolved within 2 working days:

Table 3

| 1 working day | 2 working days | 3 working days | 4 working days | 5 working days | 5 or more working days |
|---------------|----------------|----------------|----------------|----------------|------------------------|
| 365           | 56             | 23             | 24             | 7              | 94                     |

## **Conclusion**

This report is intended to provide an overview of activity related to Patient Experience including national CQC surveys, Friends & Family Test, NHS Choices, patient complaints, compliments and the Patient Advice & Liaison Service (PALS).

It is important to note that the Trust continues to increase its levels of engagement with patients, families and their carers and the Board is asked to support initiatives that will improve our patient experience.



**The Dudley Group**  
NHS Foundation Trust

# Integrated Performance Report - Board



December 2018

Created by: Informatics.

Title of report: Integrated Performance Report

|                 |             |                                      |
|-----------------|-------------|--------------------------------------|
| Executive Lead: | Performance | Chief Operating Officer, Karen Kelly |
|                 | Finance     | Director of Finance, Tom Jackson     |
|                 | Workforce   | Director of HR, Andrew McMenemy      |

Quality Indicators

Heat Map - December 2018

| KPI  |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
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| Environmental Cleaning                                   |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| Hand Hygiene   |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| MRSA Screening - elective                                |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| MRSA Screening - emergency                               |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| HCAI CDI/F - due to lapses in care                       |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| Saving Lives - 02b peripheral lines                      |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| Saving Lives - 06b urinary catheter                      |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| Datix Incidents reported                                 |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| Pressure Ulcers or Accidents                             |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| Serious Incidents - Grade 3/4                            |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| Never Events   |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| Nutrition Audit  |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| Pain Score   |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| Medicines Management Audit                               |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| % of Deaths with Priorities of Care                      |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| Deteriorating Patient Trolley Check (1 month in arrears) |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| Fluid Balance Management Audit                           |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| VTE Assessment Indicator (CQN01)                         |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| NOA - Skin Bundle  |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| FFT - Response Rate                                      |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| FFT - Recommended %                                      |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| Complaints   |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| Compliments  |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| Appraisals   |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| Mandatory Training                                       |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| RN Average Fill Rate (day shifts)                        |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| RN Average Fill Rate (night shifts)                      |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| Sickness Rate  |                          |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  |                     |  |  |                    |  |   |   |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| Ward   | Patient Safety & Quality |  |  |       |  |  |  |    |    |  |  |  |  |  |  |  |  | Clinical Indicators |  |  | Patient Experience |  |   |   | Workforce & Safer Staffing |  |  |  |  | Ward RAG Trend |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| AMU2 (A2)  |                          |  |  | 94.7% |  |  |  | 39 | 14 |  |  |  |  |  |  |  |  |                     |  |  |                    |  | 0 | 1 |                            |  |  |  |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | </ |

## Performance Dashboard

| Performance  |           |         |         |         |         |         |         |         |         |         |     |     |     |           |           |
|--|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----|-----|-----|-----------|-----------|
| Description  | LYO       | Apr     | May     | Jun     | Jul     | Aug     | Sep     | Oct     | Nov     | Dec     | Jan | Feb | Mar | YTD       | Target    |
| A&E - 4 Hour A&E Dept Only % (Type 1)              | 78.38%    | 77.09%  | 76.50%  | 78.66%  | 76.73%  | 80.59%  | 77.23%  | 80.91%  | 73.02%  | 68.74%  | -   | -   | -   | 76.56%    | %         |
| A&E - 4 Hour UCC Dept Only % (Type 3)              | 99.38%    | 99.44%  | 99.46%  | 99.82%  | 99.43%  | 99.49%  | 100%    | 100%    | 99.89%  | 99.98%  | -   | -   | -   | 99.72%    | %         |
| A&E - 4 Hour UCC/A&E Combined % (Type 1+3)         | 86.56%    | 86.29%  | 85.38%  | 86.93%  | 85.29%  | 87.64%  | 85.21%  | 88.15%  | 83.21%  | 81.42%  | -   | -   | -   | 85.46%    | 95%       |
| A&E - Patients who Left Without Being Seen %       | 2.6%      | 1.7%    | 2.1%    | 1.8%    | 2.5%    | 1.6%    | 1.7%    | 1.2%    | 1.5%    | 2%      | -   | -   | -   | 1.8%      | 5%        |
| A&E - Time to Initial Assessment (95th Percentile) | 9         | 4       | 8       | 9       | 7       | 4       | 5       | 7       | 8       | 4       | -   | -   | -   | 4         | 15        |
| A&E - Time to Treatment Median Wait (Minutes)      | 70        | 49      | 65      | 61      | 73      | 49      | 64      | 55      | 66      | 66      | -   | -   | -   | 66        | 60        |
| A&E - Total Time in A&E (95th Percentile)          | 731       | 593     | 587     | 504     | 524     | 463     | 511     | 462     | 605     | 645     | -   | -   | -   | 645       | 240       |
| A&E - Unplanned Re-Attendance Rate %               | 1.5%      | 1.3%    | 1.1%    | 1.5%    | 1.6%    | 1.3%    | 1.3%    | 1%      | 1.3%    | 1.1%    | -   | -   | -   | 1.3%      | 5%        |
| Activity - A&E Attendances                         | 103,426   | 8,292   | 9,097   | 8,920   | 9,569   | 8,336   | 8,847   | 8,932   | 9,170   | 9,023   | -   | -   | -   | 80,186    | 79,193    |
| Activity - Cancer MDT                              | 5,131     | 492     | 443     | 520     | 378     | 511     | 508     | 596     | 561     | 500     | -   | -   | -   | 4,509     | 3,913     |
| Activity - Community Attendances                   | 376,548   | 33,662  | 36,319  | 36,299  | 38,817  | 34,833  | 35,291  | 38,326  | 37,298  | 30,523  | -   | -   | -   | 321,368   | 303,288   |
| Activity - Critical Care Bed Days                  | 7,612     | 579     | 702     | 731     | 770     | 582     | 679     | 792     | 679     | 625     | -   | -   | -   | 6,139     | 6,071     |
| Activity - Diagnostic Imaging whilst Out-Patient   | 52,692    | 4,222   | 4,505   | 4,451   | 4,434   | 4,445   | 4,163   | 4,759   | 4,760   | 4,044   | -   | -   | -   | 39,783    | 44,154    |
| Activity - Direct Access Pathology                 | 1,970,646 | 173,406 | 172,671 | 173,017 | 174,399 | 173,882 | 165,564 | 187,986 | 176,971 | 153,376 | -   | -   | -   | 1,551,272 | 1,560,139 |
| Activity - Direct Access Radiology                 | 75,450    | 6,221   | 6,883   | 6,389   | 6,475   | 6,235   | 5,930   | 7,014   | 6,844   | 5,262   | -   | -   | -   | 57,253    | 60,401    |
| Activity - Elective Day Case Spells                | 48,682    | 4,184   | 4,366   | 4,058   | 4,159   | 4,400   | 3,891   | 4,472   | 4,488   | 3,811   | -   | -   | -   | 37,829    | 37,432    |
| Activity - Elective Inpatients Spells              | 5,828     | 433     | 464     | 451     | 467     | 492     | 441     | 497     | 495     | 424     | -   | -   | -   | 4,164     | 4,437     |
| Activity - Emergency Inpatient Spells              | 50,160    | 3,247   | 3,626   | 3,635   | 3,776   | 3,712   | 3,452   | 3,853   | 3,806   | 3,803   | -   | -   | -   | 32,910    | 36,677    |
| Activity - Excess Bed Days                         | 11,066    | 707     | 823     | 922     | 841     | 578     | 662     | 777     | 702     | 269     | -   | -   | -   | 6,281     | 11,248    |
| Activity - Maternity Pathway                       | 7,636     | 578     | 668     | 621     | 642     | 652     | 579     | 584     | 580     | 486     | -   | -   | -   | 5,390     | 5,701     |
| Activity - Neo Natal Bed Days                      | 7,111     | 628     | 661     | 604     | 611     | 643     | 542     | 625     | 529     | 621     | -   | -   | -   | 5,464     | 5,506     |
| Activity - Outpatient First Attendances            | 146,246   | 12,902  | 13,932  | 13,928  | 14,880  | 13,468  | 12,962  | 15,680  | 15,444  | 12,604  | -   | -   | -   | 125,800   | 117,188   |
| Activity - Outpatient Follow Up Attendances        | 295,301   | 25,716  | 27,624  | 26,429  | 28,601  | 26,743  | 26,342  | 31,061  | 28,712  | 22,965  | -   | -   | -   | 244,193   | 231,775   |
| Activity - Outpatient Procedure Attendances        | 71,502    | 5,235   | 6,107   | 6,121   | 6,064   | 5,715   | 5,873   | 6,513   | 6,342   | 6,143   | -   | -   | -   | 54,113    | 56,616    |
| Activity - Rehab Bed Days                          | 20,079    | 1,528   | 1,571   | 1,720   | 1,618   | 1,908   | 1,732   | 2,017   | 1,987   | 2,522   | -   | -   | -   | 16,603    | 14,596    |
| Activity - Renal Dialysis                          | 52,070    | 4,233   | 4,431   | 4,225   | 4,121   | 4,180   | 3,885   | 4,158   | 4,020   | 3,917   | -   | -   | -   | 37,170    | 38,849    |
| Ambulance Handover - 30 min – breaches (DGH view)  | 4,608     | 180     | 437     | 437     | 542     | 267     | 441     | 428     | 488     | 422     | -   | -   | -   | 3,642     | 0         |
| Ambulance Handover - 30 min – breaches (WMAS view) | 5,803     | 240     | 603     | 563     | 685     | 395     | 548     | 554     | 637     | 545     | -   | -   | -   | 4,770     | 0         |
| Ambulance Handover - 60 min – breaches (DGH view)  | 716       | 8       | 67      | 53      | 119     | 43      | 120     | 88      | 66      | 86      | -   | -   | -   | 650       | 0         |
| Ambulance Handover - 60 min – breaches (WMAS view) | 876       | 9       | 73      | 66      | 144     | 52      | 138     | 106     | 80      | 98      | -   | -   | -   | 766       | 0         |



| Performance   |        |        |        |        |        |        |         |        |        |       |     |     |     |        |        |
|---|--------|--------|--------|--------|--------|--------|---------|--------|--------|-------|-----|-----|-----|--------|--------|
| Description   | LYO    | Apr    | May    | Jun    | Jul    | Aug    | Sep     | Oct    | Nov    | Dec   | Jan | Feb | Mar | YTD    | Target |
| Cancer - 14 day - Urgent Cancer GP Referral to date first seen  | 94.7%  | 88.2%  | 95.9%  | 94.5%  | 95.3%  | 95.0%  | 94.60%  | 94.6%  | 95.5%  | 96.6% | -   | -   | -   | 94.5%  | 93%    |
| Cancer - 14 day - Urgent GP Breast Symptom Referral to date first seen                                      | 97.3%  | 91.8%  | 96.0%  | 95.3%  | 96.3%  | 96.9%  | 92.50%  | 96.3%  | 97.2%  | 94.7% | -   | -   | -   | 95.4%  | 93%    |
| Cancer - 31 day - from diagnosis to treatment for all cancers   | 98.8%  | 98.7%  | 100.0% | 99.4%  | 97.1%  | 98.7%  | 96.00%  | 98.9%  | 97.7%  | 98%   | -   | -   | -   | 98.3%  | 96%    |
| Cancer - 31 Day For Second Or Subsequent Treatment - Anti Cancer Drug Treatments                            | 100%   | 100%   | 100%   | 100%   | 100%   | 100.0% | 100%    | 100.0% | 100%   | 100%  | -   | -   | -   | 100%   | 98%    |
| Cancer - 31 Day For Second Or Subsequent Treatment - Surgery  | 98.9%  | 100%   | 100%   | 100%   | 100%   | 100.0% | 100.00% | 100.0% | 100%   | 100%  | -   | -   | -   | 100%   | 94%    |
| Cancer - 31 Day For Subsequent Treatment From Decision To Treat   | 99.4%  | 100%   | 100%   | 100%   | 100%   | 100.0% | 100%    | 100.0% | 100%   | 100%  | -   | -   | -   | 100%   | 96%    |
| Cancer - 62 day - From Referral for Treatment following a Consultant Upgrade                                | 93.3%  | 86.6%  | 86.1%  | 91.5%  | 88.1%  | 95%    | 90%     | 95.2%  | 90.70% | 92.9% | -   | -   | -   | 90.9%  | 85%    |
| Cancer - 62 day - From Referral for Treatment following national screening referral                         | 98.4%  | 96.4%  | 96.1%  | 100%   | 100%   | 100.0% | 100%    | 93.3%  | 100%   | 94.1% | -   | -   | -   | 97.6%  | 90%    |
| Cancer - 62 day - From Urgent GP Referral to Treatment for All Cancers                                      | 85.3%  | 80.8%  | 84%    | 79.8%  | 85.3%  | 79.8%  | 80.4%   | 86.6%  | 75.3%  | 85.6% | -   | -   | -   | 82.1%  | 85%    |
| Cancer: Patients on a 62 day pathway treated on or over 104 days (1: patients treated at DGFT)              | 19     | 3      | 7      | 2      | 3      | 2      | 7       | 0      | 3      | -     | -   | -   | -   | 27     |        |
| Cancer: Patients on a 62 day pathway treated on or over 104 days (2: patients treated at a Tertiary Centre) | 29     | 2      | 2      | 1      | 4      | 5      | 9       | 4      | 6      | -     | -   | -   | -   | 33     |        |
| Cancer: Patients on a 62 day pathway treated on or over 104 days (3: combined)                              | 48     | 5      | 9      | 3      | 7      | 7      | 16      | 4      | 9      | -     | -   | -   | -   | 60     |        |
| Maternity: Breastfeeding Data Coverage Rates  | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%    | 100%   | 100%   | 100%  | -   | -   | -   | 100%   | 0%     |
| Number of Births Within the Trust   | 4,435  | 351    | 384    | 363    | 356    | 385    | 356     | 368    | 374    | 354   | -   | -   | -   | 3,291  |        |
| RTT - Admitted Pathways within 18 weeks %   | 87.9%  | 84.6%  | 87.1%  | 86.6%  | 88.2%  | 89.3%  | 85.80%  | 85.6%  | 85.5%  | 85.2% | -   | -   | -   | 86.5%  | 90%    |
| RTT - Incomplete Waits within 18 weeks %  | 94%    | 93.4%  | 94.7%  | 94.4%  | 94%    | 93.6%  | 93.10%  | 93.2%  | 93.30% | 93.2% | -   | -   | -   | 93.7%  | 92%    |
| RTT - Non-Admitted Pathways within 18 weeks %   | 93.1%  | 94.4%  | 94.6%  | 95.8%  | 95.8%  | 94.9%  | 93.80%  | 92.8%  | 94%    | 93.4% | -   | -   | -   | 94.4%  | 95%    |
| Waiting Time - Diagnostic 6 Week Maximum Wait (VSA05)   | 97.85% | 99.31% | 99.38% | 99.30% | 99.23% | 97.7%  | 98.69%  | 99.18% | 99.1%  | 99%   | -   | -   | -   | 98.98% | 99%    |



## Finance Dashboard

| Finance               |            |           |         |         |         |         |           |         |         |         |     |     |     |           |        |
|-----------------------|------------|-----------|---------|---------|---------|---------|-----------|---------|---------|---------|-----|-----|-----|-----------|--------|
| Description           | LYO        | Apr       | May     | Jun     | Jul     | Aug     | Sep       | Oct     | Nov     | Dec     | Jan | Feb | Mar | YTD       | Target |
| Agency spend          | £11,613k   | £860k     | £1,111k | £981k   | £974k   | £1,157k | £1,172k   | £1,119k | £1,079k | £1,146k | -   | -   | -   | £9,599k   | k      |
| Bank spend            | £16,404k   | £1,481k   | £1,475k | £1,611k | £1,608k | £1,393k | £1,883k   | £1,735k | £1,651k | £1,674k | -   | -   | -   | £14,511k  | k      |
| Budgetary Performance | (£20,622)k | (£640)k   | (£451)k | £646k   | (£445)k | (£134)k | (£1,833)k | £121k   | £254k   | £562k   | -   | -   | -   | (£1,921)k | £0k    |
| Capital v Forecast    | 106.6%     | 59.8%     | 51.9%   | 69%     | 67.7%   | 68.3%   | -         | -       | -       | -       | -   | -   | -   | 68.3%     | 95%    |
| Cash Balance          | £8,617k    | £13,899k  | £9,420k | £9,717k | £8,752k | £7,143k | -         | -       | -       | -       | -   | -   | -   | £7,143k   | k      |
| Cash v Forecast       | 54.6%      | 109.3%    | 98.8%   | 159.4%  | 85.20%  | 92.70%  | -         | -       | -       | -       | -   | -   | -   | 92.7%     | 95%    |
| Creditor Days         | 16.4       | 15.5      | 15.5    | 16.7    | 17      | 15.9    | -         | -       | -       | -       | -   | -   | -   | 15.9      | 15     |
| Debt Service Cover    | 0.79       | 0         | 0.64    | 0.85    | 1.03    | 1.12    | -         | -       | -       | -       | -   | -   | -   | 1.12      | 2.5    |
| Debtor Days           | 7.4        | 9.4       | 10.8    | 12.8    | 14.1    | 14.9    | -         | -       | -       | -       | -   | -   | -   | 14.9      | 15     |
| I&E (After Financing) | (£9,518)k  | (£2,073)k | £179k   | £116k   | £733k   | £554k   | -         | -       | -       | -       | -   | -   | -   | (£492)k   | k      |
| Liquidity             | -7.63      | -7.78     | -8      | -8.35   | -7.98   | -8.06   | -         | -       | -       | -       | -   | -   | -   | -8.06     | 0      |
| SLA Performance       | (£3,902)k  | (£511)k   | (£685)k | £207k   | £9k     | (£208)k | (£215)k   | £1,018k | £1,174k | £321k   | -   | -   | -   | £1,108k   | £0k    |

## Staff/HR Dashboard

| Staff/HR                            |          |          |          |          |          |          |          |          |          |          |     |     |     |          |        |
|-------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|-----|-----|----------|--------|
| Description                         | LYO      | Apr      | May      | Jun      | Jul      | Aug      | Sep      | Oct      | Nov      | Dec      | Jan | Feb | Mar | YTD      | Target |
| Appraisals                          | 70.5%    | 17.4%    | 52.4%    | 95.6%    | 95.6%    | 95.6%    | 95.6%    | 95.6%    | 95.6%    | 95.6%    | -   | -   | -   | 95.6%    | 90%    |
| Mandatory Training                  | 85.9%    | 87.8%    | 88.3%    | 87.6%    | 88.9%    | 89.3%    | 89.3%    | 88.6%    | 88.7%    | 88.8%    | -   | -   | -   | 88.8%    | 90%    |
| RN average fill rate (DAY shifts)   | 89.59%   | 83.40%   | 82.99%   | 80.43%   | 80.70%   | 77.1%    | 78.18%   | 82.96%   | 84.1%    | 81.11%   | -   | -   | -   | 81.20%   | 95%    |
| RN average fill rate (NIGHT shifts) | 92.77%   | 85.94%   | 86.22%   | 84.57%   | 85.66%   | 83.86%   | 83.76%   | 88.4%    | 89%      | 85.94%   | -   | -   | -   | 85.89%   | 95%    |
| Sickness Rate                       | 4.40%    | 3.79%    | 3.84%    | 4.16%    | 4.41%    | 4.35%    | 4.78%    | 4.96%    | 4.85%    | 5.40%    | -   | -   | -   | 4.50%    | 3.50%  |
| Staff In Post (Contracted WTE)      | 4,397.71 | 4,396.03 | 4,395.30 | 4,408.83 | 4,426.94 | 4,437.96 | 4,473.78 | 4,359.72 | 4,358.52 | 4,346.26 | -   | -   | -   | 4,346.26 |        |
| Turnover Rate (Rolling 12 Months)   | 9.74%    | 9.95%    | 9.70%    | 9.56%    | 9.51%    | 9.59%    | 9.48%    | 9.45%    | 9.52%    | 9.34%    | -   | -   | -   | 9.34%    | %      |
| Vacancy Rate                        | 6.63%    | 10.87%   | 11.35%   | 11.27%   | 11.13%   | 10.86%   | 10.37%   | 9.37%    | 10.23%   | 10.37%   | -   | -   | -   | 10.37%   | %      |



## Patients will experience safe care - "At a glance"

Executive Lead: Mary Sexton

### Patients will experience safe care - Quality & Experience

|   | Target<br>(Amber) | Target<br>(Green) | Nov-18 | Dec-18 | Actual YTD | Trend | Month<br>Status |
|---|-------------------|-------------------|--------|--------|------------|-------|-----------------|
| <b>Friends &amp; Family Test - Response Rate</b>            |                   |                   |        |        |            |       |                 |
| Friends & Family Test - ED                                  | 12.3%             | 19.4%             | 17.8%  | 17.5%  | 18.1%      | ↓     |                 |
| Friends & Family Test - Inpatients                          | 26.9%             | 37.0%             | 35.0%  | 30.6%  | 34.3%      | ↓     |                 |
| Friends & Family Test - Maternity - Overall                 | 21.9%             | 38.0%             | 28.4%  | 30.0%  | 31.9%      | ↑     |                 |
| Friends & Family Test - Outpatients                         | 4.9%              | 11.9%             | 5.3%   | 4.9%   | 5.3%       | ↓     |                 |
| Friends & Family Test - Community                           | 3.3%              | 8.1%              | 5.3%   | 3.7%   | 4.4%       | ↓     |                 |
| <b>Friends &amp; Family Test - Percentage Recommended</b>   |                   |                   |        |        |            |       |                 |
| Friends & Family Test - ED                                  | 88.7%             | 94.5%             | 76.9%  | 76.4%  | 77.7%      | ↓     |                 |
| Friends & Family Test - Inpatients                          | 96.7%             | 97.4%             | 94.1%  | 93.2%  | 94.0%      | ↓     |                 |
| Friends & Family Test - Maternity - Overall                 | 97.1%             | 98.5%             | 95.8%  | 96.3%  | 97.7%      | ↑     |                 |
| Friends & Family Test - Outpatients                         | 95.3%             | 97.4%             | 89.1%  | 90.3%  | 89.7%      | ↑     |                 |
| Friends & Family Test - Community                           | 96.2%             | 97.7%             | 93.7%  | 92.7%  | 94.7%      | ↓     |                 |
| <b>Complaints</b>   |                   |                   |        |        |            |       |                 |
| Total no. of complaints received in month                   |                   |                   | 49     | 47     | 440        | ↓     |                 |
| Complaints re-opened  |                   |                   | 4      | 11     | 45         | ↑     |                 |
| PALs Numbers  |                   |                   | 328    | 233    | 2601       | ↓     |                 |
| Complaints open at month end                                |                   |                   | 206    | 209    | -          | ↑     |                 |
| Compliments received  |                   |                   | 582    | 1382   | 5551       | ↑     |                 |
| <b>Dementia (1 month in arrears)</b>                        |                   |                   |        |        |            |       |                 |
| Find/Assess   |                   | 90%               | 95.9%  |        | 97.6%      | ↑     |                 |
| Investigate   |                   | 90%               | 100.0% |        | 100.0%     | ↑     |                 |
| Refer   |                   | 90%               | 97.0%  |        | 96.2%      | ↑     |                 |
| <b>Falls</b>  |                   |                   |        |        |            |       |                 |
| National average 6.63 per 1000 bed days                     |                   |                   |        |        |            |       |                 |
| No. of Falls  |                   |                   | 66     | 80     | 608        | ↑     |                 |
| Falls per 1000 bed days                                     |                   | 6.63              | 3.79   | 4.64   | 3.99       | ↑     |                 |
| No. of Multiple Falls                                       |                   |                   | 4      | 6      | 54         | ↑     |                 |
| Falls resulting in moderate harm or above                   |                   |                   | 1      | 1      | 10         | ↔     |                 |
| Falls resulting in moderate harm or above per 1000 bed days |                   | 0.19              | 3.8    | 4.6    | 4.0        | ↑     |                 |
| <b>Pressure Ulcers (Grades 3 &amp; 4)</b>                   |                   |                   |        |        |            |       |                 |
| Hospital Avoidable  |                   | 0                 | 1      | 0      | 7          | ↓     |                 |
| Community Avoidable   |                   | 0                 | 1      | 1      | 9          | ↔     |                 |
| <b>Handwash</b>   |                   |                   |        |        |            |       |                 |
| Handwashing   |                   |                   | 99.6%  | 99.6%  | 99.0%      | ↑     |                 |

### Patients will experience safe care - Patient Safety

|  | Target<br>(Amber) | Target<br>(Green) | Nov-18 | Dec-18 | Actual YTD | Trend | Month<br>Status |
|--|-------------------|-------------------|--------|--------|------------|-------|-----------------|
| <b>Mixed Sex Accommodation Breaches</b>                |                   |                   |        |        |            |       |                 |
| Single Sex Breaches                                    |                   | 0                 | 5      | 4      | 44         | ↓     |                 |
| <b>Mortality (Quality Strategy Goal 3)</b>             |                   |                   |        |        |            |       |                 |
| HSMR Rolling 12 months ( <b>Latest data Aug 18</b> )   | 110               | 105               | 117    | 118    | -          |       |                 |
| SHMI Rolling 12 months ( <b>Latest data 18/19 Q1</b> ) | 1.10              | 1.05              | N/A    | 1.11   | -          |       |                 |
| HSMR Year to date ( <b>Not available</b> )             |                   |                   |        |        | -          |       |                 |
| <b>Infections</b>                                      |                   |                   |        |        |            |       |                 |
| Cumulative C-Diff due to lapses in care                |                   | 28                | -      | -      | 11         | ↔     |                 |
| MRSA Bacteraemia                                       |                   | 0                 | 0      | 0      | 1          | ↔     |                 |
| MSSA Bacteraemia                                       |                   | 0                 | 1      | 2      | 13         | ↑     |                 |
| E. Coli - Total hospital                               |                   | 0                 | 3      | 5      | 26         | ↑     |                 |
| <b>Stroke Admissions - Provisional Figures</b>         |                   |                   |        |        |            |       |                 |
| Stroke Admissions: Swallowing Screen                   |                   | 75%               | 93.9%  | 93.9%  | 93.4%      | ↔     |                 |
| Stroke Patients Spending 90% of Time on Stroke Unit    |                   | 85%               | 95.2%  | 97.6%  | 92.7%      | ↑     |                 |
| Suspected High Risk TIAs Assessed and Treated <24hrs   |                   | 85%               | 88.9%  | 100.0% | 91.9%      | ↑     |                 |
| <b>VTE - Provisional Figures</b>                       |                   |                   |        |        |            |       |                 |
| VTE On Admission                                       |                   | 95%               | 95.6%  | 94.2%  | 94.9%      | ↓     |                 |
| <b>Incidents</b>                                       |                   |                   |        |        |            |       |                 |
| Total Incidents  |                   |                   | 1362   | 906    | 12795      | ↓     |                 |
| Recorded Medication Incidents                          |                   |                   | 343    | 349    | 3354       | ↑     |                 |
| Never Events   |                   |                   | 0      | 0      | 0          | ↔     |                 |
| Serious Incidents                                      |                   |                   | 5      | 6      | 64         | ↑     |                 |
| of which, pressure ulcers                              |                   |                   | 2      | 1      | 18         | ↓     |                 |
| <b>Incident Grading by Degree of Harm</b>              |                   |                   |        |        |            |       |                 |
| Death  |                   |                   | 0      | 2      | 9          | ↑     |                 |
| Severe   |                   |                   | 1      | 0      | 16         | ↓     |                 |
| Moderate   |                   |                   | 25     | 28     | 198        | ↑     |                 |
| Low  |                   |                   | 154    | 149    | 1610       | ↓     |                 |
| No Harm  |                   |                   | 1182   | 727    | 10962      | ↓     |                 |
| Percentage of incidents causing harm                   |                   | 28%               | 13.2%  | 19.8%  | 14.3%      | ↑     |                 |



## Executive Summary

### Ward Quality Heat Map

#### CQSPE

The development of the heat map continues to work in progress and will be further developed based on the committee members' feedback and as the ward quality dashboards are revised (work starting in January 2019 and progress monitored through Quality and Safety Group). Trends lines will be incorporated in the future heat map to see each individual wards and indicators trajectory directions. Narrative will be provided per metric by exception.

#### **Environmental Cleaning;** Compliance of 95.1% against a target of 95%.

Environmental cleaning score is an aggregated score following audit by Interserve assessing cleanliness of wards and clinical departments. The scores are calculated as; nursing and Interserve. Issues related to Interserve are escalated and rectified with ongoing monitoring of compliance and challenge, where necessary, by the Facilities Team. Nursing scores are monitored through Lead Nurse and Matrons and relevant actions are put in place and communicated through the huddle board.

#### **Hand Hygiene;** Compliance of 99.2 against a target of 100%.

Hand Hygiene is an observational audit undertaken as part of the Saving Lives High Impact Interventions monitoring compliance with the Trust Hand Hygiene Policy. Any response compliance less than 100% is recorded as red. AMU 2, C2 and C7 are recorded as less than target compliance. Following discussion with the Matrons for these areas; they will be sharing results at the ward huddle board meetings as a form of raising awareness of the requirements and will be monitored closely going forward in anticipation of the next audit.

#### **Saving Lives – 06b Urinary Catheter Ongoing Care**

B5 and C8 failed to achieve the required target for compliance for this audit. Both areas are working towards rectifying this prior to the next audit being undertaken.

#### **Serious Incidents;**

In December 2018, there were 6 Serious Incidents reported, these were made up of 4 general, 1 fall with harm and 1 avoidable pressure ulcer.

General Serious Incidents reported;

2018/29162 INC47885 – unexpected death in theatre

2018/30088 INC48612 – unexpected admission to NNU and transfer to level 3 unit for cooling

2018/30526 INC48524 – undiagnosed Type 1 diabetes in pregnancy resulting in a previable birth.

2018/29076 INC47717 – inappropriate discharge resulting in a patient readmission with Myocardial infarction and transfer to New Cross.

#### **Nutrition Audit;** Compliance of 95.5% against a target of 95%.

The following areas failed to achieve 95% compliance for Nutrition; A2, B1, C5, C6, C7 and C8. The deficits in compliance relate to; the undertaking of initial MUST and weekly reassessments, use of care plans to support nutritional intake, fluid balance management and supporting patients who require assistance with intake. Each area has its own action plan, managed within the division and discussed at Quality and Safety Group in the Associate Chief Nurse condition reports.

The identified Matron Leads for Nutrition (Debra Vasey and Sheree Randall) and the Quality Review and Improvement Lead are developing a Trust wide action plan to improve our nutrition audit compliance, managed through Quality and Safety Group once developed. This will mirror the RAP for the CCG in response to our Contract Performance notice in relation to MUST. There is also a task a finish group meeting fortnightly to ensure the progression and completion of actions detailed in the RAP, as well as relevant NPSA alerts.

#### **% of Deaths with Priorities of Care;** Compliance of 17.3% against a target of 60%.

Approximately 85% of deaths within the organisation are categorised as expected. 100% of patients with expected deaths should have a Priorities of Care communication tool initiated as soon as this is recognised. This metric is measured through coding identifying where there is a death and if there is a document in place. This is a new way this measure has been calculated and the End of Life team are monitoring and driving improvements. Trust wide progress is monitored through the End of Life Working Group.

#### **Skin Bundle;** Compliance of 95.4% against a target of 95%.

The following areas failed to achieve the 95% compliance for Skin Bundle; A2, C4, C5, C6, C7 and Critical Care. The deficits in compliance relate to; completeness of the skin bundle document, repositioning of patients, use of appropriate skin products and pressure ulcer management. Each ward area has its own action plan for improvement, which is monitored within the divisions and progress reported through Quality and Safety Group.

#### **Appraisals;**

C7 are in the process of addressing the deficit with appraisals, however, it should be noted that several of the appraisals have been completed but as they were outside of the appraisal window they are still recorded as non-compliant.

#### **Mandatory training;**

The training recording the lowest compliance are; Infection Control (clinical), Information Governance, Fire, Resuscitation (adult) and Manual Handling. The Non-Medical Education Lead has offered bespoke resuscitation training to areas, in addition to the scheduled sessions and uptake of this is being closely monitored. The Statutory and Mandatory training lead is sending regular mandatory training reminders to all staff.

#### **Vacancies/RN Fill Rates (Day/Night Shifts);**

Recruitment and retention continue to be a key concern in both divisions. There remains a drive on Trust wide recruitment through the recruitment events and individual area events.

The development of the heat map continues to work in progress and will be further developed based on the committee members' feedback and as the ward quality dashboards are revised (work starting in January 2019 and progress monitored through Quality and Safety Group). Trends lines will be incorporated in the future heat map to see each individual wards and indicators trajectory directions.



## Executive Summary

### Key Messages

#### CQSPE

##### HCAI

There were 2 C. Diff cases identified after 48hrs for the month of December 2018.

|  | December      | YTD |
|--|---------------|-----|
| Total No. of cases due to lapses in care     | 0             | 11  |
| Total No. of cases NOT due to lapses in care | 1 (Maternity) | 7   |
| No. of cases currently under review (ytd)    | 1 (C1)        | 1   |
| Total No. of cases (ytd)                     |               | 19  |

##### FFT Footfall:

For the nine month period (40 areas were published) the Trust is achieving the target on 29 occasions where the percentage response rate score is equal to or better than the national average percentage response rate. The areas missing the target are maternity birth for August 2018, community for April, May and August 2018 and outpatients for May, June, July, August, September, October and November 2018.

##### FFT Recommended:

For the nine month period, (65 areas have been published) the Trust is achieving the target on 31 occasions where the score is equal to or better than the national average percentage recommended. The areas missing the target are inpatients, A&E and outpatients for April to November, maternity antenatal for September, maternity birth for June and November, and maternity postnatal ward for November and maternity post-natal community for September 2018 and community for September, October and November 2018.

##### Complaints:

During Q3, a total of 77 complaints were received by the Medical & Integrated Care Division, which indicates a decrease of -10.46% from Q2, 2018/19 (86) and 45.28% increase (53) for the same period last year (Q3, 2017/18). The Emergency Department has seen the biggest rise in complaints during Q3, 18/19 (30) compared with Q3, 17/18 (16).

During Q3, a total of 61 complaints were received by the Surgical Division, which indicates a decrease of -12.85% from Q2, 2018/19 (70) and 56.41% increase (39) for the same period the previous year (Q3, 2017/18). Further analysis has identified that Surgical Assessment Unit (SAU) have seen a decrease in complaints in Q3, 18/19 (7) compared to Q3, 17/18 (13 including SAU and ward B5).

During Q3, the Trust received correspondence from 18 complainants who were dissatisfied with their original complaint response from the Trust.

##### Dementia:

Dementia targets continue to be met.

##### Falls:

Falls have shown an increase in December 2018 but this does not alter the consistent trajectory of remaining below the national average of falls per 1,000 occupied bed days (as given by the RCP National Falls audit 2015). Input from falls prevention has been targeted at the areas showing higher than usual falls rates. Falls with harm remain consistently below the national average.

##### Pressure Ulcers:

There was 1 avoidable grade 3 pressure ulcer reported from Community in December 2018 and this is currently under investigation.

##### Mixed Sex Accommodation Breaches:

There were 4 breaches in December 2018; 1 x MHDU, 1 x ITU and 2 x SHDU. All were related to capacity and on reviewing the RCA's all appropriate actions were taken at the time of each incident.

##### Stroke:

Stroke targets within this report continue to be met.

##### VTE:

Medicine – 93.88%

Surgery – 94.42%

## Executive Summary by Exception

### Key Messages

#### 1 Performance Matters

Committee: F&P

##### A&E 4 hour wait

The combined Trust and UCC performance was below target in month at 81.4%, whilst the Trust only (Type 1) performance was 68.7%.

The split between the type 1 and 3 activity for the month was:

|                | Attendances | Breaches | Performance |
|----------------|-------------|----------|-------------|
| ED Dept Type 1 | 9019        | 2819     | 68.74%      |
| UCC Type 3     | 6159        | 1        | 99.98%      |

##### Cancer Waits

The Committee is reminded that due to the time required to validate individual pathways, the cancer waiting times in this report are provisional only. In addition, the reporting of patients breaching 104 days is provided 1 month retrospectively.

Cancer – 62 Day from Urgent GP Referral to Treatment performed below target for the month at 85.6% (Provisional as at 24th Jan). Previous month confirmed performance was 75.4%

Cancer - 104 days - Number of people who have breached beyond 104 days (November)

|   |   |
|---|---|
| No. of Patients treated on or over 104 days (DGFT)            | 3 |
| No. of Patients treated on or over 104 days (Tertiary Centre) | 6 |
| No. of Patients treated on or over 104 days (Combined)        | 9 |

##### 2WW

The target was achieved once again in month. During this period a total of 1245 patients attended a 2ww appointment with 41 patients attending their appointments outside of the 2 week standard, achieving a performance 96.7% against the 93% target.

##### Referral to Treatment (RTT)

The performance of the key target RTT Incomplete Waiting Time indicator remained above target, with performance of 93.2% in month against a target of 92%, down from previous month. Urology did not meet the target in month at 90.6% up from previous month. Ophthalmology is at 83.3% down from 84.2% in the previous month. General Surgery is at 90.0% down from 90.7%. Also Plastic Surgery (86.5%) and Dermatology (87.7%) did not achieve the target. There were no 52-week Non-admitted Waiting Time breaches in month.

##### Diagnostic waits

The diagnostic wait was above target in month with a performance of 99%. The number of patients waiting over 6 weeks was 65.

## Executive Summary by Exception cont.

### Key Messages

#### 2 Financial Performance Matters

Committee: F&P

Deficit of £2.582m for April-December, representing a £0.093m favourable variance in comparison to the control total following the consolidation of the pharmacy company and other technical changes. This position includes a pro rata benefit related to a new optimised alternative site evaluation. However, this remains at risk as the revised valuation has yet to be agreed by external auditors. The Trust has not achieved the performance component of PSF. Following Board discussion and agreement, the Trust has changed the forecast deficit to an £8.8m deficit. Other financial risks that could impact on this position are CCG affordability/ability to pay for extra contract income, Winter pressures and the CQC impact.

## Executive Summary by Exception cont.

### Key Messages

#### 4 Workforce

Committee: F&P

##### Staff Appraisals

This includes all non-medical appraisals in the Trust. The window has now closed and we are pleased to announce a compliance rate of over 96%. This is the highest performance in this area for the Trust and puts Dudley as one of the leading Trusts in the country for staff engagement by way of the appraisal process.

The process to support the re-opening of the appraisal window has commenced in preparation for 1st April 2019. At this time, over 70% of appraisals have been booked to take place within the window. We are expecting at least the same level of engagement in 2019/20 as the Trust achieved in 2018/19

##### Mandatory Training

The compliance rates continue at the stable level of 88.85%. This represents good performance without being excellent. The areas where more concentrated efforts are required are associated with Resus and manual handling training. In terms of staff groups the area of highest non-compliance continues to be medical staff at 79.57%. The Clinical Support Division continues to be the team with the lowest compliance rates at 84.63%.

The Trust Lead for Mandatory Training has been asked to develop actions associated with particular areas of risk regarding training and staff groups. There continue to be trajectories in place for each Division with performance reviews focusing on compliance for every member of staff.

##### Sickness Rate

The absence rate has increased to 5.4% from 4.76%. This follows a positive previous trajectory for absence rates. The main rises are associated to the Division of Medicine and the Division of Surgery. The most significant rises have been in Care Support staff and administrative staff.

Following the additional support for staff with stress the team are now focusing on developing support for staff with musculoskeletal conditions. This will be developed in a business case that recommends enhancing the staff physio service in order to support staff with relevant conditions stay at work while receiving treatment and avoiding absence.

##### Turnover Rate

The turnover rate continues to represent a positive retention of our staff and currently sits at 9.34% from 9.52% in the previous month. This is still above our target of 8.5% but continues to be below the average turnover rate for acute NHS Trusts in England. The appointment of the Staff Engagement lead has demonstrated a particular focus on understanding the feedback from exit interviews, listening to staff and developing strategies to support improved retention at the Trust. The initial feedback is very positive and this will be developed further as we move into the feedback for the national staff survey.

## Performance - "At a glance"

Executive Lead: Karen Kelly



## Performance - Key Performance Indicators

|   | Target | Nov-18 | Dec-18 | Actual YTD | Trend | Month Status |
|---|--------|--------|--------|------------|-------|--------------|
| <b>Cancer Reporting - TRUST (provisional)</b>             |        |        |        |            |       |              |
| All Cancer 2 week waits                                   | 93%    | 95.52% | 96.7%  | 95.3%      | ↑     |              |
| 2 week wait - Breast Symptomatic                          | 93%    | 97.2%  | 94.8%  | 95.7%      | ↓     |              |
| 31 day diagnostic to 1st treatment                        | 96%    | 97.8%  | 95.3%  | 97.4%      | ↓     |              |
| 31 day subsequent treatment - Surgery                     | 94%    | 100.0% | 93.8%  | 99.2%      | ↓     |              |
| 31 day subsequent treatment - Drugs                       | 94%    | 100.0% | 100.0% | 100.0%     | ↔     |              |
| 62 day urgent GP referral to treatment                    | 85%    | 75.4%  | 84.9%  | 81.5%      | ↑     |              |
| 62 day screening programme                                | 90%    | 100.0% | 82.4%  | 96.0%      | ↓     |              |
| 62 day consultant upgrades                                | 85%    | 90.8%  | 91.4%  | 92.6%      | ↑     |              |
| <b>Referral to Treatment</b>                              |        |        |        |            |       |              |
| RTT Incomplete Pathways - % still waiting                 | 92%    | 93.3%  | 93.2%  | 93.3%      | ↓     |              |
| RTT Admitted - % treatment within 18 weeks                | 90%    | 85.6%  | 85.3%  | 86.4%      | ↓     |              |
| RTT Non Admitted - % treatment within 18 weeks            | 95%    | 93.9%  | 93.4%  | 93.8%      | ↓     |              |
| Wait from referral to 1st OPD                             | 26     | 22     | 21     | 111        | ↓     |              |
| Wait from Add to Waiting List to Removal                  | 39     | 43     | 41     | 211        | ↓     |              |
| ASI List  |        | 2084   | 1453   | 0          | ↓     |              |
| % Missing Outcomes RTT                                    |        | 0.20%  | 0.23%  | 0.1%       | ↑     |              |
| % Missing Outcomes Non-RTT                                |        | 5.6%   | 4.0%   | 4.6%       | ↓     |              |
| <b>DM01</b>   |        |        |        |            |       |              |
| No. of diagnostic tests waiting over 6 weeks              | 0      | 63     | 65     | 444        | ↑     |              |
| % of diagnostic tests waiting less than 6 weeks           | 99%    | 99.1%  | 99.0%  | 98.7%      | ↓     |              |
| <b>ED - TRUST</b>   |        |        |        |            |       |              |
| Patients treated < 4 hours Type 1 (Trust ED)              | 95%    | 73.0%  | 68.7%  | 76.0%      | ↓     |              |
| Patients treated < 4 hours Type 1 & 3 (ED + UCC)          | 95%    | 83.2%  | 81.4%  | 85.0%      | ↓     |              |
| Emergency Department Attendances                          | N/A    | 9147   | 9019   | 44288      | ↓     |              |
| 12 Hours Trolley Waits                                    | 0      | 0      | 1      | 1          | ↑     |              |
| <b>Ambulance to ED Handover Time - TRUST</b>              |        |        |        |            |       |              |
| 30-59 minute breaches                                     |        | 488    | 422    | 2046       | ↓     |              |
| 60+ minute breaches                                       |        | 66     | 86     | 403        | ↑     |              |
| <b>Ambulance to Assessment Area Handover Time - TRUST</b> |        |        |        |            |       |              |
| 30-59 minute breaches                                     |        | 15     | 17     | 71         | ↑     |              |
| 60+ minute breaches                                       |        | 4      | 6      | 17         | ↑     |              |

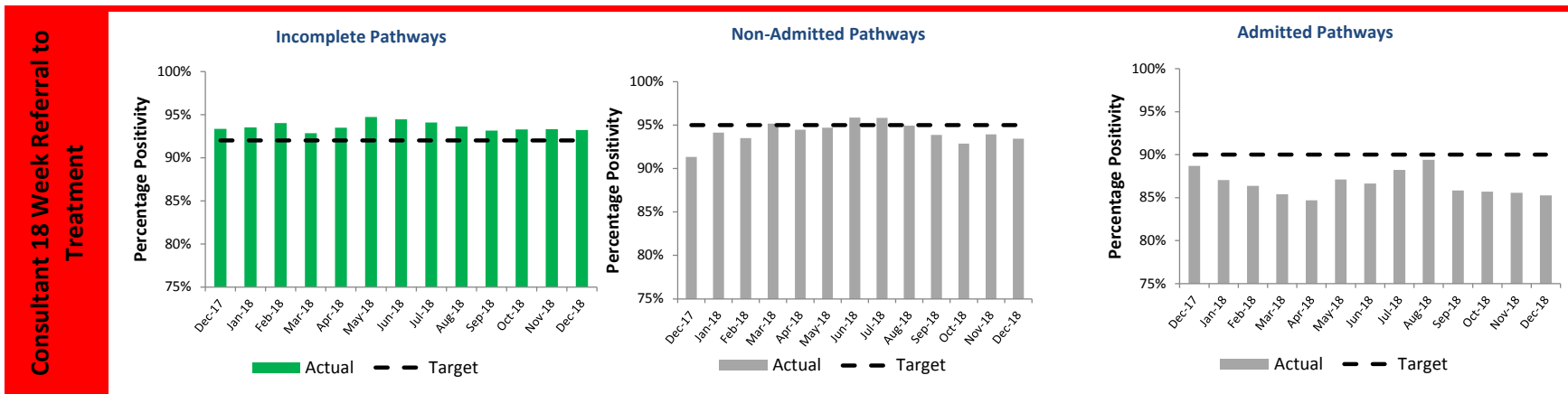
## Performance - Key Performance Indicators cont.

|   | Target | Nov-18 | Dec-18 | Actual YTD | Trend | Month Status |
|---|--------|--------|--------|------------|-------|--------------|
| <b>Cancelled Operations - TRUST</b>                     |        |        |        |            |       |              |
| % Cancelled Operations                                  | 1.0%   | 1.7%   | 2.3%   | 1.9%       | ↑     |              |
| Cancelled operations - breaches of 28 day rule          | 0      | 3      | 2      | 12         | ↓     |              |
| Urgent operations - cancelled twice                     | 0      | 0      | 0      | 1          | ↔     |              |
| <b>GP Discharge Letters</b>                             |        |        |        |            |       |              |
| GP Discharge Letters                                    | 90%    | 82.8%  | 83.9%  | 82.3%      | ↑     |              |
| <b>Theatre Utilisation - TRUST</b>                      |        |        |        |            |       |              |
| Theatre Utilisation - Day Case (RHH & Corbett)          |        | 74.6%  | 73.4%  | 76.3%      | ↓     |              |
| Theatre Utilisation - Main                              |        | 86.9%  | 85.9%  | 86.4%      | ↓     |              |
| Theatre Utilisation - Trauma                            |        | 90.2%  | 89.3%  | 92.6%      | ↓     |              |
| <b>GP Referrals</b>                                     |        |        |        |            |       |              |
| GP Written Referrals - made                             |        | 6903   | 6009   | 33802      | ↓     |              |
| GP Written Referrals - seen                             |        | 6096   | 5162   | 28705      | ↓     |              |
| Other Referrals - Made                                  |        | 3672   | 3219   | 17473      | ↓     |              |
| <b>Throughput</b>                                       |        |        |        |            |       |              |
| Patients Discharged with a LoS >= 7 Days                |        | 6.4%   | 6.9%   | 7%         | ↑     |              |
| Patients Discharged with a LoS >= 14 Days               |        | 3.0%   | 3.0%   | 3%         | ↔     |              |
| 7 Day Readmissions                                      |        | 3.9%   | 4.2%   | 3%         | ↑     |              |
| 30 Day Readmissions - PbR                               |        | 8.0%   | 9.0%   | 8%         | ↑     |              |
| Bed Occupancy - %                                       |        | 89%    | 86%    | 88%        | ↓     |              |
| Bed Occupancy - % Medicine & IC                         |        | 94%    | 94%    | 94%        | ↔     |              |
| Bed Occupancy - % Surgery, W&C                          |        | 81%    | 81%    | 82%        | ↔     |              |
| Bed Occupancy - Paediatric %                            |        | 56%    | 45%    | 48%        | ↓     |              |
| Bed Occupancy - Orthopaedic Elective %                  |        | 91%    | 69%    | 76%        | ↓     |              |
| Bed Occupancy - Trauma and Hip %                        |        | 91%    | 91%    | 92%        | ↔     |              |
| Number of Patient Moves between 8pm and 8am             |        | 97     | 93     | 511        | ↓     |              |
| Discharged by Midday                                    |        | 14.2%  | 12.9%  | 13%        | ↓     |              |
| <b>Outpatients</b>                                      |        |        |        |            |       |              |
| New outpatient appointment DNA rate                     | 8%     | 7.6%   | 8.4%   | 8.1%       | ↑     |              |
| Follow-up outpatient appointment DNA rate               | 8%     | 8.7%   | 8.4%   | 7.0%       | ↓     |              |
| Total outpatient appointment DNA rate                   | 8%     | 8.2%   | 8.4%   | 37.1%      | ↑     |              |
| Clinic Utilisation                                      |        | 78.3%  | 76.2%  | 77.3%      | ↓     |              |
| <b>Average Length of stay (Quality Strategy Goal 3)</b> |        |        |        |            |       |              |
| Average Length of Stay - Elective                       | 2.4    | 2.73   | 1.83   | 2.6        | ↓     |              |
| Average Length of Stay - Non-Elective                   | 3.4    | 5.3    | 5.2    | 5.3        | ↓     |              |



## Performance Matters (KPIs)

### Regulatory Performance - 18 Week Referral to Treatment



### RTT 18 Week Performance - December 2018

#### Validated Position

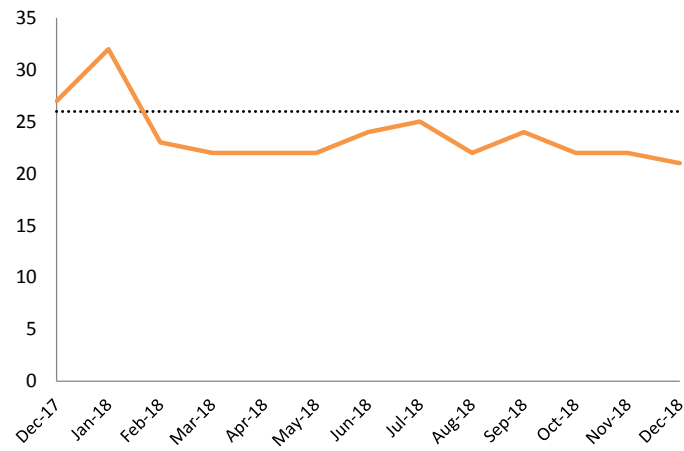
| Specialty                   | Incompletes - Target 92% |             |              |              |
|-----------------------------|--------------------------|-------------|--------------|--------------|
|                             | <18                      | >18         | Total        | %            |
| 100 - General Surgery       | 838                      | 93          | 931          | 90.0%        |
| 101 - Urology               | 1042                     | 108         | 1150         | 90.6%        |
| 110 - Trauma & Orthopaedics | 1893                     | 94          | 1987         | 95.3%        |
| 120 - ENT                   | 1173                     | 16          | 1189         | 98.7%        |
| 130 - Ophthalmology         | 2032                     | 408         | 2440         | 83.3%        |
| 140 - Oral Surgery          | 656                      | 5           | 661          | 99.2%        |
| 160 - Plastic Surgery       | 669                      | 104         | 773          | 86.5%        |
| 300 - General Medicine      | 2                        | 0           | 2            | 100.0%       |
| 301 - Gastroenterology      | 1036                     | 31          | 1067         | 97.1%        |
| 320 - Cardiology            | 667                      | 30          | 697          | 95.7%        |
| 330 - Dermatology           | 749                      | 105         | 854          | 87.7%        |
| 340 - Respiratory Medicine  | 242                      | 4           | 246          | 98.4%        |
| 400 - Neurology             | 528                      | 32          | 560          | 94.3%        |
| 410 - Rheumatology          | 561                      | 18          | 579          | 96.9%        |
| 430 - Geriatric Medicine    | 130                      | 1           | 131          | 99.2%        |
| 502 - Gynaecology           | 1004                     | 30          | 1034         | 97.1%        |
| Other                       | 3586                     | 143         | 3729         | 96.2%        |
| <b>Total</b>                | <b>16808</b>             | <b>1222</b> | <b>18030</b> | <b>93.2%</b> |

#### Comments

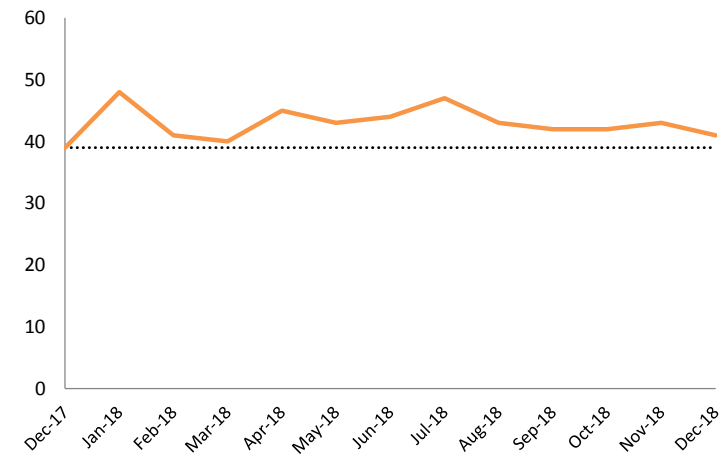
## Performance Matters (KPIs)

### Regulatory Performance - 18 Week Referral to Treatment

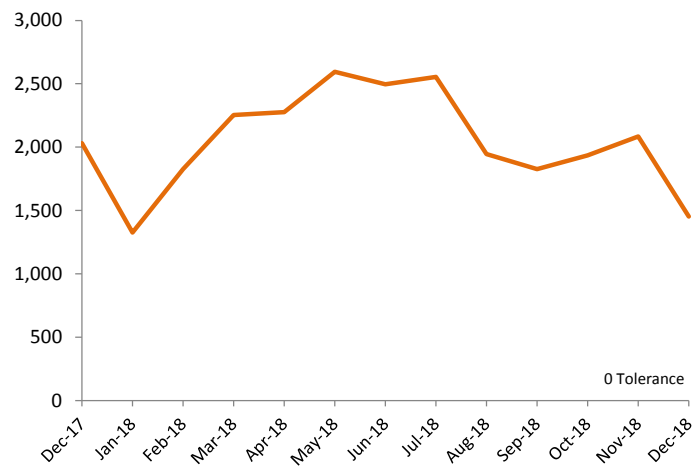
Wait in days from referral to 1st OPD



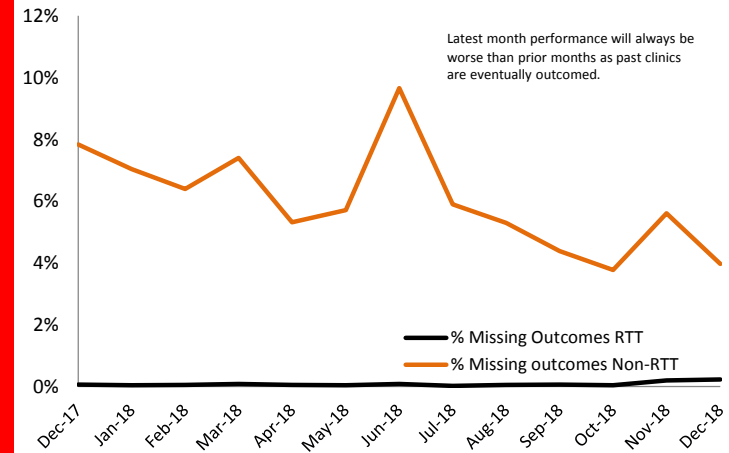
Wait in days from Add to Waiting List to Treatment or Removal



Number of unavailable slots at end of month (Appointment Slot Issues)



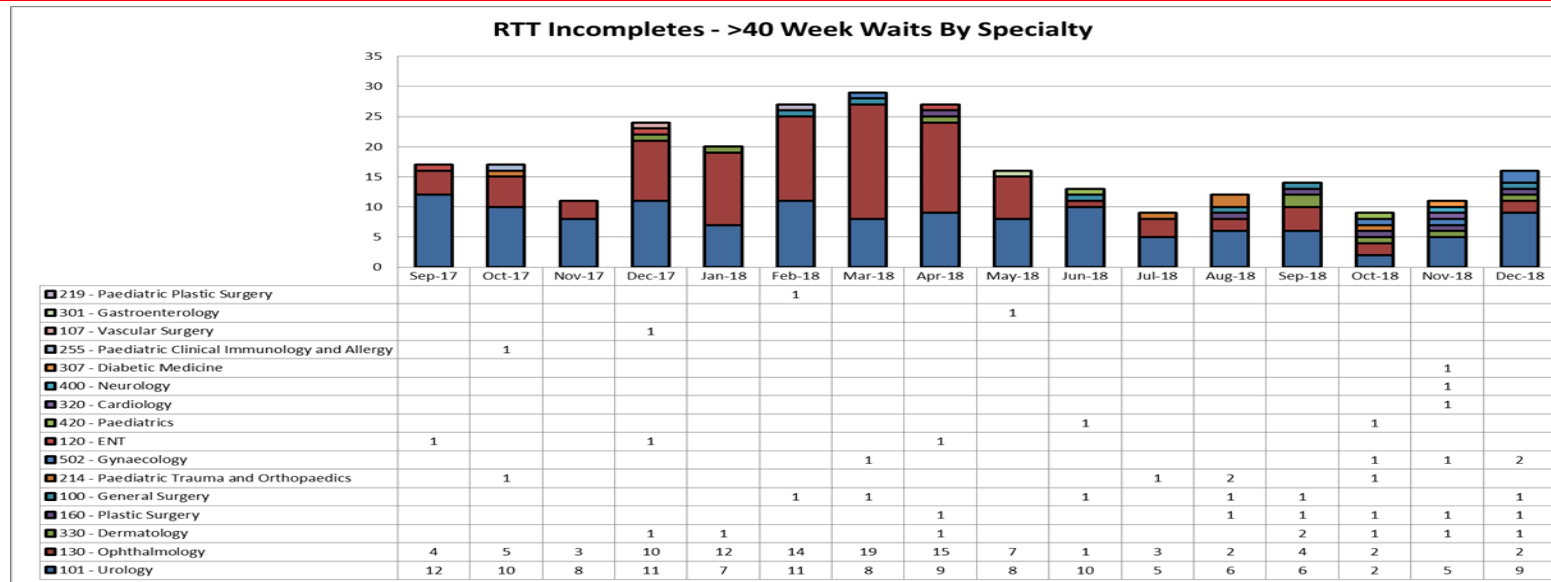
% Missing Outcomes



## Performance Matters (KPIs)

### Regulatory Performance - RTT Incompletes

#### RTT Incompletes by Specialty



#### Comments

There are '0' over 52 weeks

# Financial Performance - "At a glance"

Executive Lead: Tom Jackson



## Performance - Financial Overview

|                                      | Month<br>Plan  | Month<br>Actual | Variance<br>% | Variance      | Plan YTD        | Actual YTD      | Variance<br>% | Variance      |
|--------------------------------------|----------------|-----------------|---------------|---------------|-----------------|-----------------|---------------|---------------|
| <b>ACTIVITY LEVELS (PROVISIONAL)</b> |                |                 |               |               |                 |                 |               |               |
| Elective inpatients                  | 413            | 618             | 49.6%         | -15           | 1,469           | 1,378           | -6.2%         | -91           |
| Day Cases                            | 3,648          | 3,926           | 7.6%          | 611           | 12,158          | 13,838          | 13.8%         | 1,680         |
| Non-elective inpatients              | 3,922          | 3,843           | -2.0%         | -483          | 12,236          | 10,749          | -12.2%        | -1,487        |
| Outpatients                          | 34,756         | 36,426          | 4.8%          | 1,067         | 115,593         | 114,578         | -0.9%         | -1,015        |
| A&E                                  | 9,134          | 9,019           | -1.3%         | 305           | 25,595          | 26,316          | 2.8%          | 721           |
| <b>Total activity</b>                | <b>51,873</b>  | <b>53,832</b>   | <b>3.8%</b>   | <b>1,485</b>  | <b>167,051</b>  | <b>166,859</b>  | <b>-0.1%</b>  | <b>-192</b>   |
| <b>CIP</b>                           |                |                 |               |               |                 |                 |               |               |
| Income                               | 576            | 783             | 35.9%         | 207           | 3,606           | 5,102           | 41.5%         | 1,497         |
| Pay                                  | 354            | 155             | -56.1%        | -198          | 2,645           | 2,346           | -11.3%        | -299          |
| Non-Pay                              | 350            | 651             | 86.0%         | 301           | 3,224           | 7,100           | 120.2%        | 3,876         |
| <b>Total CIP</b>                     | <b>1,280</b>   | <b>1,589</b>    | <b>24.2%</b>  | <b>309</b>    | <b>9,475</b>    | <b>14,549</b>   | <b>53.5%</b>  | <b>5,074</b>  |
| <b>INCOME</b>                        |                |                 |               |               |                 |                 |               |               |
| NHS Clinical                         | 26,066         | 27,798          | 6.6%          | 1,731         | 249,809         | 250,305         | 0.2%          | 496           |
| Other Clinical                       | 610            | 586             | -4.0%         | -24           | 5,028           | 6,353           | 26.4%         | 1,326         |
| STF Funding                          | 905            | 633             | -30.0%        | -272          | 5,878           | 4,115           | -30.0%        | -1,763        |
| Other                                | 2,175          | 2,107           | -3.1%         | -68           | 17,881          | 17,398          | -2.7%         | -483          |
| <b>Total income</b>                  | <b>29,757</b>  | <b>31,124</b>   | <b>4.6%</b>   | <b>1,367</b>  | <b>278,595</b>  | <b>278,172</b>  | <b>-0.2%</b>  | <b>-424</b>   |
| <b>OPERATING COSTS</b>               |                |                 |               |               |                 |                 |               |               |
| Pay                                  | -18,107        | -18,789         | 3.8%          | -682          | -167,199        | -170,163        | 1.8%          | -2,964        |
| Drugs                                | -2,632         | -2,941          | 11.7%         | -309          | -24,933         | -26,270         | 5.4%          | -1,337        |
| Non-Pay                              | -7,492         | -7,573          | 1.1%          | -82           | -64,668         | -65,378         | 1.1%          | -710          |
| <b>Total Costs</b>                   | <b>-28,230</b> | <b>-29,303</b>  | <b>3.8%</b>   | <b>-1,073</b> | <b>-256,800</b> | <b>-261,810</b> | <b>2.0%</b>   | <b>-5,010</b> |

## Performance - Financial Overview - TRUST LEVEL ONLY

|                                   | Month<br>Plan | Month<br>Actual | Variance<br>%  | Variance   | Plan YTD     | Actual YTD   | Variance<br>% | Variance      |
|-----------------------------------|---------------|-----------------|----------------|------------|--------------|--------------|---------------|---------------|
| <b>EBITDA</b>                     |               |                 |                |            |              |              |               |               |
|                                   | £'000         | £'000           |                | £'000      | £'000        | £'000        |               | £'000         |
|                                   | 1,519         | 1,830           | 20.5%          | 311        | 21,723       | 16,497       | -24.1%        | -5,226        |
| Depreciation                      | -847          | -574            | -32.2%         | 273        | -7,489       | -5,110       | -31.8%        | 2,379         |
| Restructuring & Other             | 0             | 0               | n/a            | 0          | 0            | 0            | n/a           | 0             |
| Financing Costs                   | -1,238        | -1,245          | 0.6%           | -7         | -11,104      | -9,994       | -10.0%        | 1,110         |
| <b>SURPLUS/(DEFICIT)</b>          | <b>-566</b>   | <b>11</b>       | <b>-101.9%</b> | <b>577</b> | <b>3,130</b> | <b>1,393</b> | <b>-55.5%</b> | <b>-1,737</b> |
| <b>SOFP</b>                       |               |                 |                |            |              |              |               |               |
|                                   | £'000         | £'000           |                | £'000      | £'000        | £'000        |               | £'000         |
| Capital Spend                     | -1,512        | -2,250          | 48.8%          | -738       | -9,513       | -8,373       | -12.0%        | 1,140         |
| Inventory                         |               |                 |                |            | 3,227        | 3,765        | 16.7%         | 538           |
| Receivables & Prepayments         |               |                 |                |            | 20,279       | 21,422       | 5.6%          | 1,143         |
| Payables                          |               |                 |                |            | -27,682      | -34,349      | 24.1%         | -6,667        |
| Accruals                          |               |                 |                |            |              |              | n/a           | 0             |
| Deferred Income                   |               |                 |                |            | -1,639       | -1,704       | 4.0%          | -65           |
| <b>Cash &amp; Loan Funding</b>    |               |                 |                |            |              |              |               |               |
|                                   | £'000         | £'000           |                | £'000      | £'000        | £'000        |               | £'000         |
| Cash                              |               |                 |                |            | 3,507        | 4,797        | 36.8%         | 1,290         |
| Loan Funding                      |               |                 |                |            |              |              | n/a           | 0             |
| <b>KPIs</b>                       |               |                 |                |            |              |              |               |               |
| EBITDA %                          | 5.2%          | 6.3%            | 1.1%           |            | 8.1%         | 6.3%         | -1.8%         |               |
| Deficit %                         | -2.0%         | 0.0%            | 2.0%           |            | 1.2%         | 0.5%         | -0.6%         |               |
| Receivable Days                   |               |                 |                |            | 0.0          | 0.0          | n/a           |               |
| Payable (excluding accruals) Days |               |                 |                |            | 0.0          | 0.0          | n/a           |               |
| Payable (including accruals) Days |               |                 |                |            | 0.0          | 0.0          | n/a           |               |
| Use of Resource metric            |               |                 |                |            | 1            | 3            |               |               |



## Workforce - "At a glance"

Executive Lead: Andrew McMenemy

|                         | People |        |        |        |       |        |
|-------------------------|--------|--------|--------|--------|-------|--------|
|                         | Target |        |        | Actual |       | Month  |
|                         | 18/19  | Nov-18 | Dec-18 | YTD    | Trend | Status |
| <b>Workforce</b>        |        |        |        |        |       |        |
| Sickness Absence Rate   | 3.50%  | 4.76%  | 5.40%  | 4.88%  | ↑     |        |
| Staff Turnover          | 8.5%   | 9.52%  | 9.34%  | 9.48%  | ↓     |        |
| Mandatory Training      | 90.0%  | 88.7%  | 88.8%  | 88.9%  | ↑     |        |
| Appraisal Rates - Total | 90.0%  | 95.6%  | 95.6%  | 95.6%  | ↔     |        |

**Paper for submission to the Board of Directors on 7 February 2019**

|  |  |   |   |
|--|--|---|---|
| <b>TITLE:</b>  | <b>Finance and Performance Committee Exception Report</b>  |   |   |
| <b>AUTHOR:</b>   | Tom Jackson<br>Director of Finance   | <b>PRESENTER:</b>   | Tom Jackson<br>Director of Finance                        |
| <b>CLINICAL STRATEGIC AIMS</b>   |  |   |   |
| <i>Strengthen hospital-based care to ensure high quality hospital services provided in the most effective and efficient way.</i> |  |   |   |
| <b>ACTION REQUIRED OF BOARD / COMMITTEE / GROUP:</b>   |  |   |   |
| <b>Decision</b>  | <b>Approval</b>  | <b>Discussion</b>   | <b>Other</b>  |
|  |  | Y   | Y   |
| <b>OVERALL ASSURANCE LEVEL</b>   |  |   |   |
| <b>Significant Assurance</b>   | <b>Acceptable Assurance</b>  | <b>Partial Assurance</b>  | <b>No Assurance</b>                                       |
| <input type="checkbox"/><br><br>High level of confidence in delivery of existing mechanisms / objectives                         | <input type="checkbox"/><br><br>General confidence in delivery of existing mechanisms / objectives | <input checked="" type="checkbox"/><br><br>Some confidence in delivery of existing mechanisms / objectives, some areas of concern | <input type="checkbox"/><br><br>No confidence in delivery |
| <b>RECOMMENDATIONS FOR THE BOARD:</b>  |  |   |   |
| The Board is asked to note the contents of the report and in particular the items referred to the Board for decision or action.  |  |   |   |
| <b>CORPORATE OBJECTIVE:</b>  |  |   |   |
| S06 Plan for a viable future   |  |   |   |
| <b>SUMMARY OF KEY ISSUES:</b>  |  |   |   |
| Summary report from the Finance and Performance Committee meeting held on 31 January 2019.                                       |  |   |   |
| <b>IMPLICATIONS OF PAPER:</b>  |  |   |   |
| <b>RISK</b>  | Y  |   | <b>Risk Description:</b> BAF592                           |
|  | <b>Risk Register:</b><br>Y   |   | <b>Risk Score:</b> 20                                     |
| <b>COMPLIANCE and/or LEGAL REQUIREMENTS</b>  | <b>CQC</b>   | Y   | <b>Details:</b> Well Lead                                 |
|  | <b>NHSI</b>  | Y   | <b>Details:</b> Achievement of all terms of FT licence    |
|  | <b>Other</b>   | N   | <b>Details:</b>   |

| Meeting  | Meeting Date    | Chair         | Quorate |    |
|--|-----------------|---------------|---------|----|
| Finance & Performance Committee  | 31 January 2019 | Richard Miner | yes     | no |
|  |                 |               | Yes     |    |
| Declarations of Interest Made  |                 |               |         |    |
| None   |                 |               |         |    |
| Assurances Received  |                 |               |         |    |
| Finance and Efficiency   |                 |               |         |    |
| <ul style="list-style-type: none"><li>A £2.6m deficit is reported to Month 9, which is in line with the plan to Month 9. The underlying financial position, however, remains challenging as there is a significant income risk relating to contract penalties and commissioner affordability. We have achieved the financial position for Q3 and have secured additional PSF monies. The CIP year to date position remains strong.</li><li>The cash position is becoming a growing and significant concern. It is essential that a balanced I &amp; E plan is delivered for 2019/20 if the Trust is to avoid external cash borrowings</li><li>The development of budgets for 2019/20 was discussed and there remains a significant shortfall to deliver the Control Total or a breakeven position.</li></ul> |                 |               |         |    |
| Performance  |                 |               |         |    |
| <ul style="list-style-type: none"><li>The 4 hour access standard remains challenging and remedial work is underway to address challenges to DM01 and cancer targets.</li></ul>   |                 |               |         |    |
| Workforce  |                 |               |         |    |
| <ul style="list-style-type: none"><li>Sickness absence has seen an increase. Further analysis is taking place to understand the cause and ensure that both short and long term absences are being managed affectively and staff are being supported.</li></ul>   |                 |               |         |    |
| Estates and Procurement  |                 |               |         |    |
| <ul style="list-style-type: none"><li>The Committee noted the performance against the PFI contract in December had been good.</li></ul>  |                 |               |         |    |
| Board Assurance Framework  |                 |               |         |    |
| <ul style="list-style-type: none"><li>Risks relating to the MCP, Brexit and 2019/20 financial plan were to be reviewed.</li></ul>  |                 |               |         |    |
| Decisions Made / Items Approved  |                 |               |         |    |
| <ul style="list-style-type: none"><li>None</li></ul>   |                 |               |         |    |
| Actions to come back to Committee  |                 |               |         |    |
| <ul style="list-style-type: none"><li>Support sustainable nurse recruitment business case will be presented back to the Committee in February</li><li>Acute Medicine Medics staffing review business case to be presented back to Committee in February</li><li>Nursing costs analysis benchmarked against Model Hospital data will be presented to the February meeting</li></ul>   |                 |               |         |    |
| Performance Issues to be referred into Executive Performance Management Process  |                 |               |         |    |
| <ul style="list-style-type: none"><li>Sickness absence rates</li><li>Sustainability of cancer performance</li></ul>  |                 |               |         |    |

|   |
|---|
| <b>Areas of Risk to be escalated onto the Corporate or Divisional Risk Register</b>   |
| <ul style="list-style-type: none"><li>• Brexit (operational risks)</li><li>• Financial plan for 2019/20</li><li>• MCP risks</li></ul>                   |
| <b>Items referred to the Board for decision or action</b>   |
| <ul style="list-style-type: none"><li>• The 2018/19 financial forecast and 2019/20 financial plan, especially the significant impact on cash.</li></ul> |



**Paper for submission to Finance and Performance Committee 31<sup>st</sup> January 2019**

|  |   |  |   |
|--|---|--|---|
| <b>TITLE:</b>  | <b>Operational Plan 2018/19: Quarter Three Report</b>                   |  |   |
| <b>AUTHOR:</b>   | <b>Lisa Peaty<br/>Deputy Director of<br/>Strategy &amp; Development</b> | <b>PRESENTER</b>   | <b>Natalie Younes<br/>Director of<br/>Strategy &amp;<br/>Business<br/>Development</b>     |
| <b>CLINICAL STRATEGIC AIMS</b>   |   |  |   |
| <i>Develop integrated care provided locally to enable people to stay at home or be treated as close to home as possible.</i>   |   | <i>Strengthen hospital-based care to ensure high quality hospital services provided in the most effective and efficient way.</i> | <i>Provide specialist services to patients from the Black Country and further afield.</i> |
| <b>ACTION REQUIRED OF FINANCE AND PERFORMANCE COMMITTEE:</b>   |   |  |   |
| <b>Decision</b>  | <b>Approval</b>   | <b>Discussion</b>  | <b>Other</b>  |
|  |   | <b>Y</b>   |   |
| <b>OVERALL ASSURANCE LEVEL</b>   |   |  |   |
| <b>Significant Assurance</b>   | <b>Acceptable Assurance</b>   | <b>Partial Assurance</b>   | <b>No Assurance</b>   |
| <input type="checkbox"/>   | <input checked="" type="checkbox"/>                                     | <input type="checkbox"/>   | <input type="checkbox"/>  |
| High level of confidence in delivery of existing mechanisms / objectives   | General confidence in delivery of existing mechanisms / objectives      | Some confidence in delivery of existing mechanisms / objectives, some areas of concern   | No confidence in delivery   |
| <b>RECOMMENDATIONS FOR THE FINANCE AND PERFORMANCE COMMITTEE:</b>  |   |  |   |
| <ul style="list-style-type: none"> <li>To note the outcome of Quarter Three and to note the forecast for Quarter Four.</li> <li>To discuss whether the proposed mitigating actions are sufficient to improve performance.</li> <li>To discuss if any new risks should be added to the Corporate Risk register to reflect measures of achievement that are forecast to be red or red/amber at the end of Quarter Four.</li> </ul> |   |  |   |
| <b>CORPORATE OBJECTIVE:</b>  |   |  |   |
| All  |   |  |   |
| <b>SUMMARY OF KEY ISSUES:</b>  |   |  |   |

The Quarter Three performance of the Trust's Annual Plan can be found in Appendix One and a summary can be found in Appendix Two.

The summary of the **Quarter Three** position is:

| Strategic Objective                                      | RAG rating |           |           |           |
|--|------------|-----------|-----------|-----------|
|  | Red        | Amber     | Green     | No Status |
| Deliver a great patient experience                       | 7          | 3         | 10        | 4         |
| Deliver safe and caring services                         | 1          | 16        | 12        | 0         |
| Drive service improvement, innovation and transformation | 0          | 13        | 3         | 0         |
| Be the place people choose to work                       | 0          | 3         | 3         | 0         |
| Make the best use of what we have                        | 0          | 4         | 2         | 0         |
| Deliver a viable future                                  | 0          | 3         | 11        | 3         |
| <b>Total</b>   | <b>8</b>   | <b>42</b> | <b>41</b> | <b>7</b>  |

This is a deterioration of the actual position at Quarter Two. Only two measures were predicted to be red, but the actual position is eight. Mitigating actions are in place and risks are being managed through the Board Assurance Framework:

- Deliver a great patient experience
  - Inpatient FFT scores (BAF 568)
  - ED FFT scores (BAF 568)
  - Maternity postnatal scores (No BAF)
  - Outpatient FFT scores (BAF 568)
  - Community FFT scores (BAF 568)
  - Four hour A&E standard (BAF564)
  - Cancer performance targets (BAF565)
- Deliver safe and caring services
  - CQC inspection rating (BAF 577)

Of the above, the measures that were forecast to improve from red during Q3 but remain red are:

- Inpatient FFT score (BAF 568)
- Outpatient FFT score (BAF 568)
- Cancer performance targets (BAF 565)
- Management of serious incidents (BAF 572)
- CQC inspection rating (BAF 577)

and the measures that have become red this quarter are:

- Community FFT scores (BAF 568)
- Timeframe for complaints (BAF 568)
- CQC inspection rating (BAF 577)

The summary of the **forecast Quarter Four** position is:

| Strategic Objective                                      | RAG rating |           |           |           |
|--|------------|-----------|-----------|-----------|
|  | Red        | Amber     | Green     | No Status |
| Deliver a great patient experience                       | 6          | 2         | 12        | 4         |
| Deliver safe and caring services                         | 0          | 11        | 18        | 0         |
| Drive service improvement, innovation and transformation | 0          | 11        | 5         | 0         |
| Be the place people choose to work                       | 0          | 1         | 5         | 0         |
| Make the best use of what we have                        | 1          | 3         | 2         | 0         |
| Plan for a viable future                                 | 0          | 1         | 13        | 3         |
| <b>Total</b>   | <b>7</b>   | <b>29</b> | <b>55</b> | <b>7</b>  |

The forecast Quarter Four position is an improvement when compared to Quarter Three.

- 14 more greens compared to Quarter Three
- 1 fewer red compared to Quarter Three
- 13 fewer ambers compared to Quarter Three
- The same number of greys compared to Quarter Three

The seven measures of achievement are **forecast to be red at the end of Quarter Four** are:

- Deliver a great patient experience
  - Inpatient FFT scores (BAF 568)
  - ED FFT scores (BAF 568)
  - Maternity postnatal FFT scores (No BAF)
  - Outpatient FFT scores (BAF 568)
  - Community FFT scores (BAF 568)
  - Four hour A&E standard (BAF 564)
- Make the best use of what we have
  - Control total of £800k deficit achieved (COR 616 Failure to remain financial sustainable)

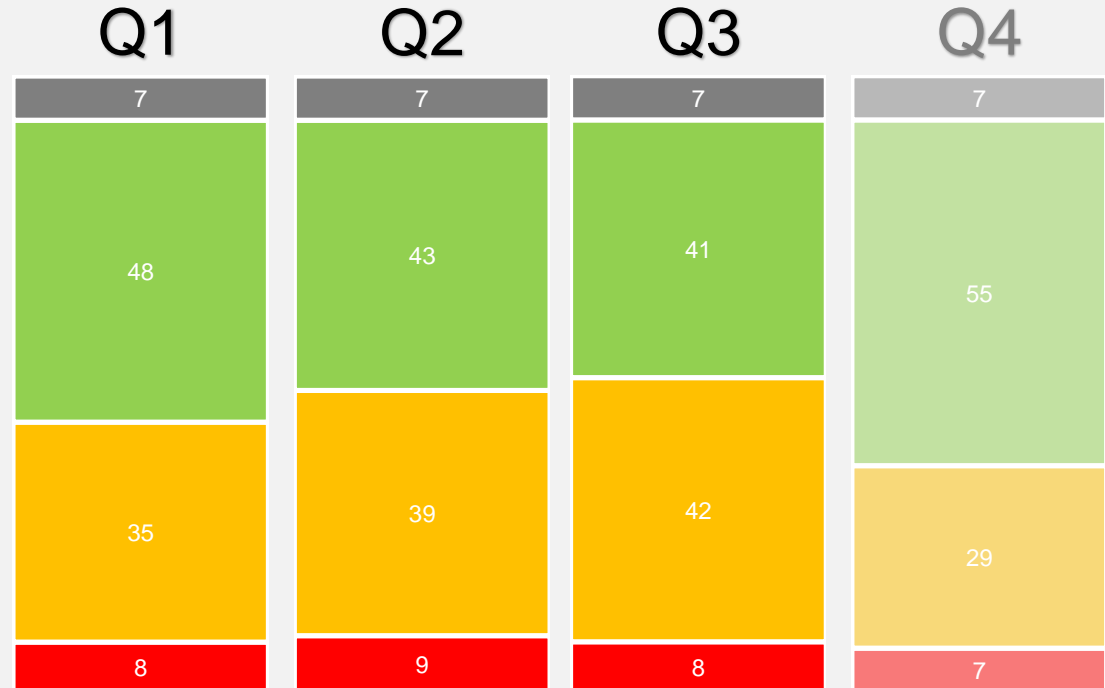
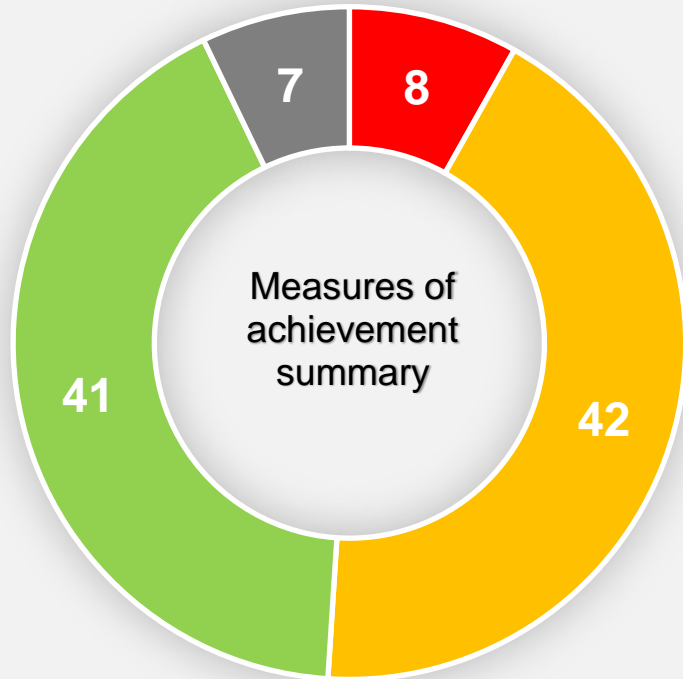
**Risks and mitigating actions** have been identified for those measures of achievement that are red at the end of Quarter Four and are being managed as part of the Trust's risk management process.

## IMPLICATIONS OF PAPER:

| RISK                                       | N              |   | Risk Description:  |
|--|----------------|---|--|
|  | Risk Register: |   | Risk Score:  |
| COMPLIANCE<br>and/or<br>LEGAL REQUIREMENTS | CQC            | Y | Details: Well-led  |
|  | NHSI           | Y | Details: Operational Plan is submitted to & approved by NHSI |
|  | Other          | N | Details:   |

# OPERATIONAL PLAN PERFORMANCE

Q3 2018/19



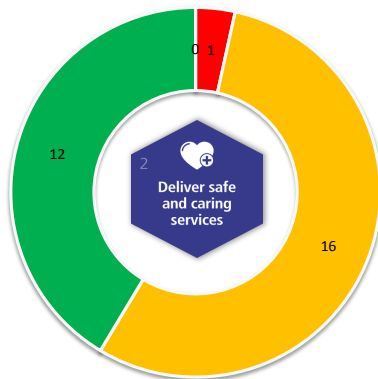
- 1 Deliver a great patient experience**
- 2 Deliver safe and caring services**
- 3 Drive service improvement, innovation & transformation**
- 4 Be the place people choose to work**
- 5 Make the best use of what we have**
- 6 Deliver a viable future**



## SO2: 2018/19

Annual Plan Quarterly Monitoring Strategic Objective Overview: Quarter Three

### Summary of RAG Rating



#### What is going well?

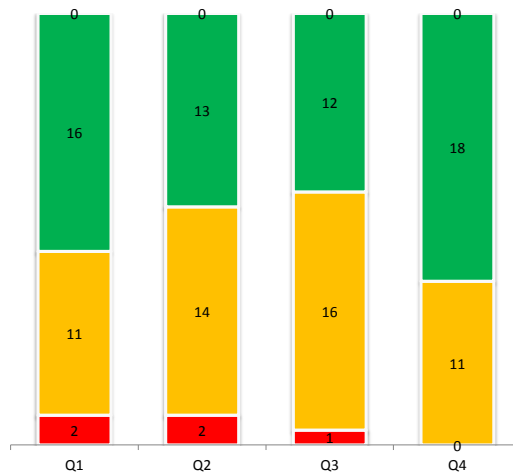
1. Targets for pain management, Medication and MUST community have been achieved (SO2.1)
2. The Trust is performing well for incident reporting (SO2.5) and is in the top 50% of non-specialist Trusts
3. The implementation of the Gold Standards Framework continues to be successful (SO2.8)
4. 32% of consultant job plans have been signed off, an increase from 15% in quarter 2 (SO2.17)
5. There is positive service user engagement to support improvements in maternity care (SO2.20)

#### What is going not so well?

1. The implementation of e-sepsis has demonstrated that compliance with sepsis screening has been poor in inpatient areas (SO2.3)
2. The reporting of serious incidents to commissioners within 60 days (SO2.6) has not always occurred, although potential breaches are discussed in the trust by weekly
3. The CQC inspection rating for ED is inadequate (SO2.10)
4. Expenditure on agency nurses (SO2.16) has increased due to an increase in establishment, the opening of new clinical areas and overall vacancy factor

#### Key Risks & Mitigation

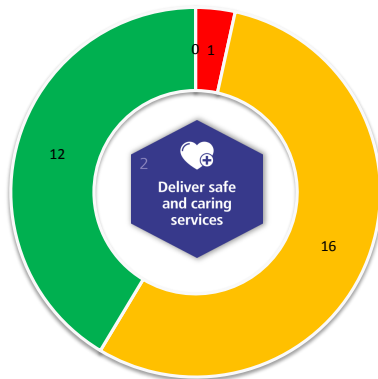
1. Specific plans are in place to support achievement of quality indicators which have not reached their targets (SO2.1)
2. e-sepsis was implemented in September 2018 and will continue to support improvement in compliance for sepsis screening and compliance with administration of antibiotics (SO2.3, SO2.4)
3. Patient Safety Advisors are supporting the reporting of serious incidents (SO2.6). The Patient Safety Team have reviewed cases that have breached the target to identify the underlying themes.
4. An improvement plan is in place for ED to address the concerns raised by CQC and there is robust internal and external overall (SO2.10)
5. Structured Judgement Review (SJR) training will be undertaken at the end of January to increase the number of reviewers in the Trust (SO2.14)
6. The Learning from Deaths Policy has been revised and operational policy for care of deteriorating patients has been introduced (SO2.14)



## SO2: 2018/19

Annual Plan Quarterly Monitoring Strategic Objective Overview: Quarter Three

### Summary of RAG Rating



### What is going well?

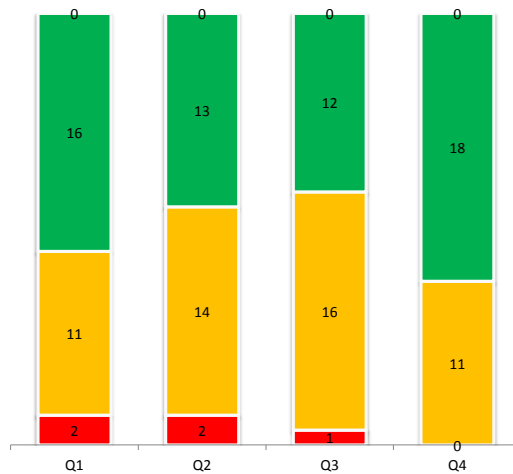
1. Targets for pain management, Medication and MUST community have been achieved (SO2.1)
2. The Trust is performing well for incident reporting (SO2.5) and is in the top 50% of non-specialist Trusts
3. The implementation of the Gold Standards Framework continues to be successful (SO2.8)
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5. There is positive service user engagement to support improvements in maternity care (SO2.20)

### What is going not so well?

1. The implementation of e-sepsis has demonstrated that compliance with sepsis screening has been poor in inpatient areas (SO2.3)
2. The reporting of serious incidents to commissioners within 60 days (SO2.6) has not always occurred, although potential breaches are discussed in the trust by weekly
3. The CQC inspection rating for ED is inadequate (SO2.10)
4. Expenditure on agency nurses (SO2.16) has increased due to an increase in establishment, the opening of new clinical areas and overall vacancy factor

### Key Risks & Mitigation

1. Specific plans are in place to support achievement of quality indicators which have not reached their targets (SO2.1)
2. e-sepsis was implemented in September 2018 and will continue to support improvement in compliance for sepsis screening and compliance with administration of antibiotics (SO2.3, SO2.4)
3. Patient Safety Advisors are supporting the reporting of serious incidents (SO2.6). The Patient Safety Team have reviewed cases that have breached the target to identify the underlying themes.
4. An improvement plan is in place for ED to address the concerns raised by CQC and there is robust internal and external overall (SO2.10)
5. Structured Judgement Review (SJR) training will be undertaken at the end of January to increase the number of reviewers in the Trust (SO2.14)
6. The Learning from Deaths Policy has been revised and operational policy for care of deteriorating patients has been introduced (SO2.14)



## SO5: 2018/19

Annual Plan Quarterly Monitoring Strategic Objective Overview: Quarter Three

### Summary of RAG Rating



### What is going well?

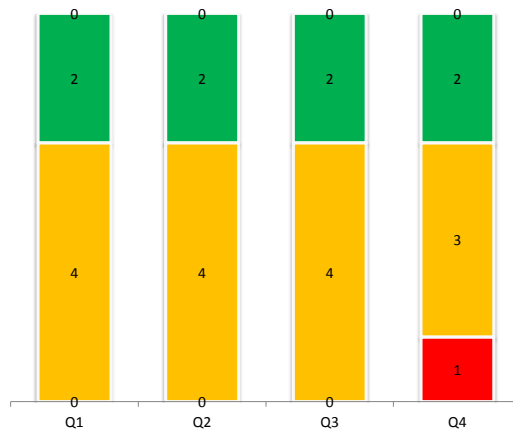
1. Ophthalmology has appointed an additional consultant and additional anaesthetists have been recruited to reduce reliance on waiting list initiatives (SO5.3)
2. The current prediction for the Cost Improvement Programme (CIP) is to deliver £19.48 million against a target of £15.4 million (SO5.5)
3. The Research Strategy has been approved and the Patient Safety Strategy has been launched (SO5.6)

### What is going not so well?

1. Non-Elective activity is under-performing against plan resulting in a loss of expected income (SO5.1)
2. There are significant risks based on the underlying position for the Trust to deliver its control total deficit of £800k (SO5.4)

### Key Risks & Mitigation

1. A Business Case for additional consultants in Orthopaedics has been developed and will be discussed at the end of January 2019 (SO5.3)
2. Financial management of budgets is scrutinised through monthly divisional performance meetings and the Financial Improvement Group. Rectification plans are being implemented (SO5.4)
3. Mitigating projects are being developed to mitigate for CIP projects that are under-delivering. The progress of delivery of CIP is being reviewed monthly by the Financial Improvement Group (SO5.5)
4. The Medical Workforce Strategy is being developed and is on track for completion by March 2019 (SO5.6)



## SO4: 2018/19

Annual Plan Quarterly Monitoring Strategic Objective Overview: Quarter Three

### Summary of RAG Rating



#### What is going well?

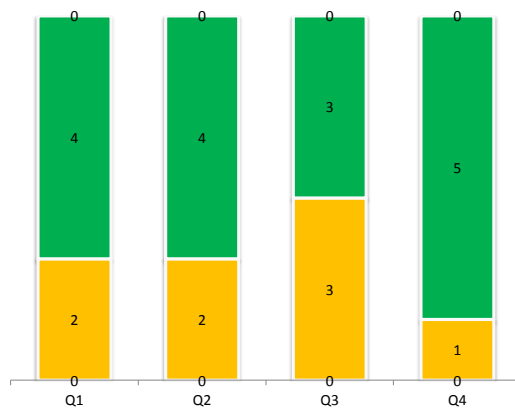
1. The compliance rate for Mandatory training reached 88.85% just short of the 90% target which is a similar to the position in quarter 2 (SO4.6)
2. Plans are in place to present the initial results from the staff survey are due to be discussed at the Workforce Committee in January 2019 and to provide detailed feedback to divisions (SO4.1)
3. Level of engagement for completing the staff survey improved from last year but was not as high as expected (SO4.2)
4. Staff wellbeing events have taken place and have been attended well (SO4.5)

#### What is going not so well?

1. The absence rate in December (5.4%) was above the target 3.5% but similar to the same period last year (SO4.3)

#### Key Risks & Mitigation

1. Events arranged with the Staff Engagement Lead will improve staff engagement events further making them even better organised and so that they provide more support for staff (SO4.5)
2. Improved electronic recording and alert systems for managers will highlight the gaps in Mandatory Training. The focus is on high risk areas such as resuscitation, safeguarding and infection control (SO4.6)
3. Changes to the Sickness Absence Policy and training for managers will help to improve sickness rates (SO4.3)

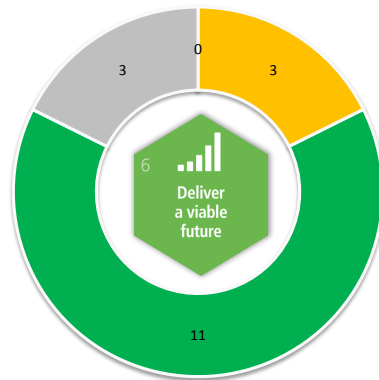




## SO6: 2018/19

Annual Plan Quarterly Monitoring Strategic Objective Overview: Quarter Three

### Summary of RAG Rating



#### What is going well?

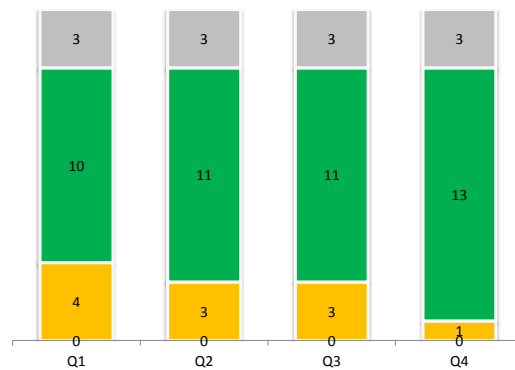
1. The Black Country Procurement work stream has delivered its saving plan and forecast to over-achieve (SO6.1)
2. The Estates Strategy was approved by the Trust Board in November (SO6.17)
3. The Trust has successfully bid for £20.3m capital funds to re-develop the Emergency Department (SO6.17)
4. The Trust is playing an active role in the development of the Black Country Pathology Service. Successful TUPE of staff took place (SO6.2)
5. The vacancy rate for nurses has decreased alongside a falling trend in turnover for medical, nursing and CSW staff (SO6.14)
4. Market shares analysis has been undertaken an identified areas of potential growth for different services provided by the Trust. Plans are being developed to realise these opportunities (SO6.8)
5. The shared care record is in place as a technical proof of concept. A bid for funding from NHSE should ensure delivery of this project by end of quarter 4 (SO6.16)

#### What is going not so well?

1. There are no indicators RAG rated as red this quarter.

#### Key Risks & Mitigation

1. A newly established Staff Experience and Engagement Group will oversee recruitment and retention initiatives to support continued improvements in this area (SO6.14)
2. Service level strategies are being developed to underpin the refreshed Trust Strategy highlighting how additional income can be generated in the future (SO6.9)



**Paper for submission to the Trust Board on 7<sup>th</sup> February 2019**

|  |  |  |   |
|--|--|--|---|
| <b>TITLE:</b>  | <b>DGFT Strategy 2019-2021</b>   |  |   |
| <b>AUTHOR:</b>   | <b>Lisa Peaty, Deputy Director: Strategy and Business Development</b>                          | <b>PRESENTER</b>   | <b>Natalie Younes, Director: Strategy and Business Development</b>                        |
| <b>CLINICAL STRATEGIC AIMS</b>   |  |  |   |
| <i>Develop integrated care provided locally to enable people to stay at home or be treated as close to home as possible.</i> |  | <i>Strengthen hospital-based care to ensure high quality hospital services provided in the most effective and efficient way.</i> | <i>Provide specialist services to patients from the Black Country and further afield.</i> |
| <b>ACTION REQUIRED OF TRUST BOARD:</b>   |  |  |   |
| <b>Decision</b>  | <b>Approval</b>  | <b>Discussion</b>  | <b>Other</b>  |
|  | <b>Y</b>   |  |   |
| <b>OVERALL ASSURANCE LEVEL</b>   |  |  |   |
| <b>Significant Assurance</b>   | <b>Acceptable Assurance</b>  | <b>Partial Assurance</b>   | <b>No Assurance</b>   |
| <input checked="" type="checkbox"/><br>High level of confidence in delivery of existing mechanisms / objectives              | <input type="checkbox"/><br>General confidence in delivery of existing mechanisms / objectives | <input type="checkbox"/><br>Some confidence in delivery of existing mechanisms / objectives, some areas of concern               | <input type="checkbox"/><br>No confidence in delivery                                     |
| <b>RECOMMENDATIONS FOR TRUST BOARD:</b>  |  |  |   |
| To approve the Trust's Strategy for 2019-2021  |  |  |   |
| <b>CORPORATE OBJECTIVE:</b>  |  |  |   |
| All objectives   |  |  |   |
| <b>SUMMARY OF KEY ISSUES:</b>  |  |  |   |
| Please refer to Appendix One for the 2019-2021 Strategy.   |  |  |   |
| <b>IMPLICATIONS OF PAPER:</b>  |  |  |   |
| <b>RISK</b>  | <b>Risk:</b><br><b>N</b>   | <b>Risk Description:</b>   |   |



**The Dudley Group**  
NHS Foundation Trust

|   |                            |          |  |
|---|----------------------------|----------|--|
|   | <b>Risk Register:</b><br>N |          | <b>Risk Score:</b>                                       |
| <b>COMPLIANCE<br/>and/or<br/>LEGAL REQUIREMENTS</b> | <b>CQC</b>                 | <b>Y</b> | <b>Details:</b> Trust strategy is an element of well led |
|   | <b>NHSI</b>                | <b>N</b> | <b>Details:</b>  |
|   | <b>Other</b>               | <b>N</b> | <b>Details:</b>  |



**Care better every day**





Diane Wake, Chief Executive



Jenni Ord, Chair

## Welcome from Diane Wake, our Chief Executive and Jenni Ord, our Chair.

**W**elcome to our strategy for 2019-2021.

This strategy describes the vision that The Dudley Group NHS Foundation Trust (DGFT) has for the next two years. It outlines how we will continue to be a sustainable organisation delivering high-quality health care in the right place and at the right time for the population of Dudley and beyond.

Many of our patients, staff, volunteers and partners have contributed to the development of this strategy. They have provided feedback on what the Trust is already doing well and told us what we need to improve. They have also given their views on the future of the Trust. We would like to thank each person that has contributed for taking the time to give us feedback and make suggestions. Every comment has been considered and used to help inform the content of this strategy.

Our strategy has been written at a time of significant change and this is why we have decided to write this strategy for a two year period. The national long term plan for the NHS was published on 7th January 2019; discussions are ongoing about how health care could be provided differently across the Black Country and we continue to develop our plans for a Multi-specialty Community Provider (MCP – Integrated Care System) in Dudley which will see more health care delivered in the community or our patients' homes. We are implementing the Dudley Improvement Practice Programme across the Trust to transform our ways of working and to improve patient care and we are excited to have been awarded £20.3 million to rebuild our Emergency Department by 2022/23.

Although the details to support the implementation of the NHS Long Term Plan have yet to be published, we have identified three key themes from all of the above which will be central to DGFT's strategy. These are:

- ▶ Development and implementation of the MCP.
- ▶ Improving the efficiency and effectiveness of elective and emergency care.
- ▶ Developing specialist hospital services.

Whilst there are challenges ahead, this is an exciting time for DGFT and we look forward to working with you to shape our future services.

## About The Dudley Group NHS Foundation Trust

**W**e provide acute and community services to the population of Dudley but also to other parts of the Black Country, West Birmingham, South Staffordshire and North Worcestershire.

We also provide a range of specialist services, some of which are accessed by patients from across the UK. These include vascular surgery, endoscopic procedures, stem cell transplants and specialist genitourinary reconstruction.

We have a workforce of around 4,400 whole time equivalent (WTE) staff making us the second largest employer in Dudley. Our staff are our greatest asset and we provide a range of secondary and tertiary services including:

- ▶ Adult community services such as community nursing, end of life care, podiatry, therapies and outpatient services from a range of community venues across the borough.
- ▶ Russells Hall Hospital has more than 650 beds, including intensive care beds and neonatal cots. The hospital provides secondary and tertiary services such as maternity, critical care and outpatients, and an Emergency Department that features a brand new Emergency Treatment Centre.
- ▶ The Guest Outpatient Centre in Dudley and Corbett Outpatient Centre in Stourbridge provide a range of outpatient and day case services.
- ▶ Vascular services is the hub for the Black Country.
- ▶ An active research and development team.





# Our vision

Trusted to provide safe, caring and effective services because people matter – care better every day.

Our vision was developed in 2015. We have consulted on whether it should be changed. During the consultation, there was almost universal agreement amongst patients and staff that the Trust’s vision is the right one even though the environment in which the Trust works has changed considerably since the vision was adopted.

Our values:



Care

we provide safe, quality healthcare for every person – every time

Our values support our vision and define how the Trust and every member of staff will work to deliver the best care possible.

Most of the patients we consulted told us that our values are demonstrated clearly through the care we provide, whilst staff said that the values encourage them to ‘go the extra mile’ for patients. They also said that having the



Respect

we show respect for our patients, our visitors and each other – at all times

values embedded into their annual appraisal helps to keep them live and relevant to their job.

Our values are clearly at the heart of everything that the Trust does for patients and we believe that care, respect and responsibility are crucial to providing the best possible patient experience.



Responsibility

we take responsibility for everything we do – every day

We have added the strap line ‘care better every day’ to our vision to capture what staff have told us about making the vision more relevant to their ambition to provide high quality care daily and to reflect our commitment to the Dudley Improvement Practice Programme.

Strategic objectives:

To achieve our vision, we will continue to have six strategic objectives. These will be discussed in more detail in this document. The strategic objectives are:

- 1. Deliver a great patient experience.
- 2. Deliver Safe and caring services.
- 3. Drive service improvement, innovation and transformation.
- 4. Be the place people choose to work.
- 5. Make the best use of what we have.
- 6. Deliver a viable future.

These are underpinned by three clinical aims:

- ▶ Develop integrated care provided locally to enable people to stay at home or be treated as close to home as possible.
- ▶ Strengthen hospital-based care to ensure high quality hospital services provided in the most effective and efficient way.
- ▶ Provide specialist services to patients from the Black Country and further afield.

How we will measure success

We will know we have been successful at delivering our strategy when:

- ▶ Our patient feedback scores are in the top quartile nationally.
- ▶ Our Care Quality Commission (CQC) inspection rating is good or above and our quality indicators are amongst the best nationally.
- ▶ The Multi-specialty Community Provider is implemented.
- ▶ Our staff feedback and workforce indicators are in the top quartile nationally.
- ▶ We achieve our financial plan.
- ▶ We can demonstrate business growth.

These measures will enable us to test over time whether our plans are being achieved (see page 35).

We also know that there will be significant changes in the local and regional healthcare system throughout the lifetime of this strategy which mean that some of the care provided by DGFT will be delivered in a different way. For example, more care will be delivered in the community or in patient homes by the Dudley Multi-specialty Community Provider. This will make care easier to access for patients and fewer patients will spend time in hospital as we will be working more closely with other local health and social care organisations in the community. We will also be working collaboratively with other hospitals in the Black Country to make sure that services remain sustainable.

Our future success is dependent on how we participate in, deliver and adapt to these changes.



# A changing healthcare landscape

Over the next two years, the care that we provide and the way that we provide it will continue to be shaped by the national, regional and local factors that impact on us. The following section describes the main things that will influence the Trust over the next two years.

## Our patients

It is important that we understand the diverse needs and expectations of the local population and that our strategy meets their needs. Over the next two years we expect the following changes to take place:

- ▶ The population of Dudley borough is forecast to have increased from 318,000 in 2016 to 321,000 by 2020.
- ▶ Life expectancy and the number of elderly people will continue to rise.
- ▶ There will be more people with multiple, complex and long term health conditions.
- ▶ Mortality rates from the main contributory diseases will reduce.
- ▶ There will be a growth in the number of people with disabilities and mental health issues.
- ▶ Levels of smoking, alcohol use, poor diet and obesity in Dudley will remain higher than national averages.
- ▶ There will be a reduction in the number of births.
- ▶ Health and wellbeing inequalities will continue to exist across the borough.
- ▶ More patients that live outside of Dudley will access our services.

We will continue to develop and deliver our services to make sure that we meet these changing needs.

## External context

The NHS Long Term Plan was published by NHS England in early January 2019. It sets out ambitions for the NHS over the next ten years and outlines how care will be improved through the development of more proactive and coordinated services and differentiated support being offered to individuals. There are four main areas in which improvements will be delivered:

- ▶ The development of out of hospital care to ensure that patients can be seen in primary and community care settings (MCP).
- ▶ A reduction in the pressure on emergency hospital services.
- ▶ Delivery of high quality person-centred care with improved outcomes.
- ▶ An emphasis on prevention of poor health and improving population health inequalities.

The delivery of the above is to be supported by an overhaul of the way in which local health care is funded, initiatives to tackle workforce pressures and investment in technology and digitally enabled health care. The plan states that 2019/20 will be a transitional year when local NHS organisations will have an opportunity to shape local implementation for their local populations.

One of the ambitions of the Long Term Plan is the development and implementation by 2021 of Integrated Care Systems across England where NHS organisations and local authorities will work together to meet the needs of the population they serve. In the Black Country, this will build on the work of the Black Country and West Birmingham Sustainability and Transformation Partnership (STP), of which we are part. The STP published a plan in Autumn 2016 which identified the priorities for the delivery of healthcare across the region between 2016 and 2021 and how partners would run services in a more coordinated and sustainable way. The plan describes how the gaps in health and well-being, care, quality, and finance and efficiency will be addressed. In November 2018, the Black Country and West Birmingham Clinical Strategy was published which identifies and outlines the case for change for 12 clinical priority areas. These are:

- ▶ Primary Care.
- ▶ Cancer.
- ▶ Mental Health.
- ▶ Learning Disability Services.
- ▶ Maternity & Neonates.
- ▶ Children & Young People.
- ▶ Urgent & Emergency Care.
- ▶ Cardiovascular Disease.
- ▶ Interventional Radiology.
- ▶ Pathology.
- ▶ Musculoskeletal Conditions.
- ▶ Respiratory Disease.
- ▶ Frailty.

The STP Clinical Strategy aims to drive forward a reduction in variation across the system, shared approaches to reviewing clinical practice, agreed clinical standards and protocols, and effective clinical engagement. The case for change for each priority area does not prescribe the specific actions needed and work is ongoing to develop options and plans for delivery in each of the 12 clinical priority areas. DGFT will engage fully in this work. The acute hospitals in the Black Country and West Birmingham are already working more closely together to provide services more collaboratively, give better value for money, reduce duplication and improve both efficiency and quality. Working together also helps to address workforce shortages and recruit and retain clinicians with specialist expertise.

One of the priorities of the STP is to develop local models of care which will be the starting point from which an Integrated Care System will be developed. Dudley Clinical Commissioning Group has commissioned a Multi-specialty Community Provider (MCP) for Dudley and awarded this contract in 2018 to DGFT and Dudley GPs. The vision is to integrate health and social care services (within a single, new organisation) to improve access, continuity and coordination of care. Some services currently provided by DGFT will be delivered through the MCP, including some outpatient and most community based services, intermediate care and end of life services.



The STP also focuses on improving maternity services and outcomes across the Black Country. The Black Country and West Birmingham Local Maternity System was established in 2017 and involves both provider and commissioning organisations. Its aim is to implement the recommendations in the national Better Births report (2016) and deliver the outcomes of the Maternity Transformation Programme. The aspiration is for all women to have choice and personalisation in their maternity care;

to reduce rates of stillbirth, neonatal death, maternal mortality and brain injury during birth by 50%; and to implement continuity of carer models. The NHS Long Term Plan proposes these are accelerated, and also focuses on the roll out of the Saving Babies Lives Care Bundle (with an emphasis on preventing pre-term birth), maternity digital care records, increasing access to perinatal mental health care and improving neonatal critical care.

## The above initiatives align with the following:

1. The Dudley Health and Wellbeing Board have published their strategy for 2017-2022 which focuses on how individuals, communities and organisations can make Dudley a place where people live longer, safer and healthier lives. The Health and Wellbeing Board Strategy recognises that there are health inequalities in the borough and that people's demand and expectation for services is growing. One of the aspirations of the strategy is for organisations to work together to improve people's health and wellbeing and the quality of services that are available. The MCP will support the achievement of this.
2. A new vision – 'Forging a Future for all' – was launched for Dudley borough in September 2018. This community-wide vision sets out aspirations for the kind of place Dudley borough wants to be in 2030 and was developed by communities and organisations across the borough. It can only be delivered by organisations working together. The aspirations include ensuring Dudley borough is an attractive and affordable place to live and visit, with vibrant and diverse towns being home to healthy and safe communities.

In accordance with the aspirations of the NHS Long Term Plan, DGFT will engage fully with partners to realise the ambitions of an Integrated Care System for the Black Country and support the achievement of system wide objectives.

There are other elements of the external environment which will impact on the Trust over the next two years. To understand these, we have undertaken an analysis of the political, economic, social, technological, legal and environmental (PESTLE) context of the Trust. The main assumptions are:

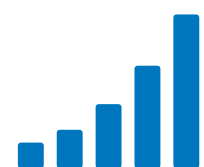
- ▶ Brexit is likely to be the biggest political change that impacts the Trust. There is currently no clear 'exit deal' for the UK leaving the European Union. The Trust's Emergency Preparedness, Resilience and Response Team has been tasked with coordinating a plan for the Trust's response to Brexit. This covers all areas of the Trust's business including support for staff from the European Union and the supply chains for goods, services and medicines.
- ▶ The changing demographics of the local population and their expectations of care will lead to an increase in demand for our services. This includes people living longer and more people with complex and long term health needs at a time when the birth rate is forecast to decline.
- ▶ Recruitment of our workforce will remain a challenge and the Trust will need to work innovatively to secure the workforce needed to meet future demand.
- ▶ Innovation in digital technology will lead to changes in the way some of our services are accessed and delivered. Our clinicians will continue to participate in research and development. Our Electronic Patient Record (EPR) will improve access to real-time information for clinicians and patients.





## Internal environment

We have asked patients, staff and our partners about our strengths, weaknesses, opportunities and threats (SWOT analysis). The key themes are:



### Our strengths

- ▶ Our staff are dedicated, caring and hardworking and we have a loyal team of volunteers.
- ▶ We provide acute and community services and there is partnership working with primary care enabling joined-up pathways for patients.
- ▶ There is strong collaboration with our partners across the Black Country and beyond.
- ▶ We have a good record of delivering some key performance targets (e.g. Referral to Treatment Times, infection rates, mortality rates).
- ▶ We have excellent facilities, including the newly built Urgent Care Centre and new imaging facilities at The Guest Outpatients Centre.
- ▶ We have a strong track record of digital developments, research and innovation. Our EPR and broader population health approach is transforming the way clinical staff undertake their work and many of our clinicians are actively engaged in research and innovation.



### Our weaknesses

- ▶ We received a Care Quality Commission rating of 'inadequate' for our Urgent and Emergency Services and the Trust has an overall rating of 'requires improvement' (April 2018 rating).
- ▶ We have a challenging financial position. This limits our investment in change, transformation and our estate.
- ▶ The recruitment of staff in some areas requires sustained focus. There are national and regional shortages for some types of staff. These include nurses, radiographers and middle grade and junior medics. Expenditure on agency staff impacts the financial position of the Trust. However, we have strategies in place to address those areas with high vacancies.
- ▶ We do not consistently meet some performance targets, specifically the Emergency Access Standard.



### Our opportunities

- ▶ The way care is delivered will be transformed through the implementation of the MCP, partnership working with primary care and integrating services to improve care pathways.
- ▶ Workforce recruitment initiatives will help us to develop a well-trained substantive workforce and reduce spend on agency staff. A range of engagement and development opportunities for existing and prospective staff are in place.
- ▶ Closer working with other healthcare providers across the region as part of the Black Country STP will enable improved sustainability and accessibility of acute services.
- ▶ Identification of business development and growth opportunities will enable the Trust to increase its market share and develop specialist clinical and non-clinical services.
- ▶ Model Hospital, Getting it Right First Time and RightCare provide us with the opportunity to work differently, redesign the way care is delivered and improve efficiency.



### Our threats

- ▶ Changes in the political landscape (e.g. Brexit, government NHS policy and legislation) could mean that the Trust will have to change the way it works or its plans for the future.
- ▶ National shortages of some types of staff (e.g. Radiographers, consultants in some specialties) and changes to trainee pathways (e.g. nurses, pharmacists) mean that it may be difficult to recruit to some vacant posts. However, we have strategies in place to address those areas with high vacancies.
- ▶ Financial pressures as a result of national funding allocations and delivery of the financial plan will remain challenging. The expectation for continued delivery of cost improvements remains a further pressure for the Trust.
- ▶ Changes in demand associated with an ageing population and more people with complex and long term conditions mean that our services will have to be able to respond.

# Achieving our vision through our strategic objectives

Trust Strategy 2019-2021



Our six strategic objectives which underpin our vision are listed on page 5. This section of the document outlines what we will do to deliver each strategic objective and how we will measure our success. This is summarised as 'a strategy on a page' on pages 28-29.

## STRATEGIC OBJECTIVE ONE: deliver a great patient experience.

Our ambition is to provide every patient that is cared for with a great patient experience. We have a Patient Experience Strategy which outlines how we will improve the experience of the care we provide and how we will seek feedback. All patients are given the opportunity to provide us with feedback on their care using the NHS Friends and Family Test (FFT) and our patient survey programme. These surveys give us valuable information and we have received good feedback for some services (maternity care and community) whilst there are others where we have more to do to improve (Emergency Department and Outpatients). We will continue to encourage patients to provide us with feedback and act on this until our survey scores are consistently amongst the best in the country.

Patients told us that their patient journey starts before they enter the hospital and that it includes the way in which we communicate through appointment letters and leaflets. We have a good record of achieving the targets for Referral to Treatment Time (RTT) and access to diagnostics and these were seen as a positive part of the patient journey in Dudley.

We know that we have more work to do to consistently meet the cancer access standard, emergency access standards and to meet RTT for those services which do not always meet the 18 week target.

The NHS Long Term Plan aims to reduce pressure on emergency hospital services by reducing emergency admissions through pre-hospital urgent care; implementing more comprehensive 'Same Day Emergency Care' and acute frailty assessment services; reducing delayed discharges; and improving the responsiveness of community and primary care as well as the support for people living in care homes. We will work with our partners to realise this ambition. In addition, the NHS Long Term Plan emphasises the improvements required for earlier diagnosis of cancer through improved screening programmes and diagnostics; more precise and safer treatments; and better outcomes for patients, especially children and young people. A new standard will be set for patients to receive a diagnosis or ruling out of cancer within 28 days of referral and 75% of cancers will be diagnosed at stages 1 or 2.

*“... the NHS Long Term Plan emphasises the improvements required for earlier diagnosis of cancer through improved screening programmes and diagnostics; more precise and safer treatments; and better outcomes for patients, especially children and young people.”*



Communication was a key theme from consultation with both staff and patients who felt that communication between the following could be improved:

- ▶ The Trust and their GP.
- ▶ Different services within the Trust.
- ▶ Clinicians and the patient.

Patients also said that there is often a lack of information about how long they will need to

wait whilst attending for their appointments. The clarity of signage in the building and the physical environment of some of our waiting areas were identified by patients as things that we could improve.

Our Dudley Improvement Practice Programme will lead to tangible benefits relating to this strategic objective through the setting of measures which will ensure that patient experience is always factored into service improvement initiatives.

## What we are going to do

We have set ourselves the following goals:

- ▶ Review the mechanisms for patient engagement.
- ▶ Improve the way we communicate with patients, their GPs and between different services within the Trust.
- ▶ Integrate pathways within and between services to optimise efficiency and productivity.
- ▶ Meet national access standards, including emergency care, RTT, diagnostic and cancer targets.
- ▶ Improve the environment in which care is delivered, including signage inside and outside our buildings, the condition of some of our waiting rooms and the quality and availability of refreshments.

## We will know we have been successful when:

- ▶ Patient feedback scores are in the top quartile nationally.





# Achieving our vision through our strategic objectives

## STRATEGIC OBJECTIVE TWO: deliver safe and caring services.

The safety of the services we provide is of critical importance to us and we have a relentless focus on providing safe and high quality treatment and care for every patient. We do this in a number of ways which include providing training to staff, purchasing high quality equipment and putting preventative measures in place. Learning processes are used to reduce the likelihood of incidents recurring.

The Trust has a number of quality priorities which have specific and measurable targets used to assess whether we are improving the quality of the care we provide. These include:

- ▶ Nutrition and hydration.
- ▶ Pressure ulcer prevention.
- ▶ Infection prevention and control.
- ▶ Incident management.
- ▶ Medications.
- ▶ Patient falls.
- ▶ Discharge management.

The Trust performs well on pressure ulcer prevention in hospital and falls as well as infection prevention and control. We remain committed to minimising these further. We know that we need to improve the targets related to pain management and medication administration.

We take part in all national clinical audits and audits of compliance with the National Institute for Clinical Excellence (NICE). These complement our own clinical audit programme. The trust has regular internal unannounced Quality and Safety Reviews

which involve a multi-disciplinary team visiting clinical areas so that they can continually improve services.

The Trust has received a series of CQC inspections over the last 12 months which have highlighted a number of areas for improvement. Improving our Emergency Department and significantly enhancing the pathway and experience of care for patients that are admitted to us as an emergency are priorities for us. We have an improvement plan in place which focuses on the following:

- ▶ Clinical assessment of all patients who present to the Emergency Department (ED) within 15 minutes (triage).
- ▶ Identification, escalation and management of deteriorating patients.
- ▶ Securing sufficient numbers of suitably qualified, skilled and competent staff.
- ▶ Keeping children safe using robust safeguarding processes.
- ▶ Securing further specialist clinical expertise for ED.

During consultation, most patients confirmed that we provide high quality, compassionate care and that our staff go over and above what normally might be expected to provide this. Our ambition is to treat every patient in line with our values and enable them to experience safe and effective services.

Our Dudley Improvement Practice Programme will lead to tangible benefits relating to this strategic objective through the setting of measures relating to the quality of the services that we provide.

Trust Strategy 2019-2021

### What we are going to do

We have set ourselves the following goals:

- ▶ Secure the improvements required for Emergency Care, including Same Day Emergency Care.
- ▶ Improve core services that have been rated by CQC as requires improvement so that they are good, and services that are rated as good to outstanding.
- ▶ Improve learning and feedback mechanisms to enhance quality of care.
- ▶ Strengthen clinical and management decision making to improve the quality of care.
- ▶ Develop mechanisms for staff to be better engaged in the reporting of and learning from incidents and serious incidents.
- ▶ Implement revised clinical standards agreed as result of the national Clinical Standards Review.
- ▶ Improve care for patients with major health conditions.
- ▶ Deliver improvements in maternity care.

### We will know we have been successful when:

- ▶ Our CQC inspection rating is good or above

**“Improving our Emergency Department and significantly enhancing the pathway and experience of care for patients that are admitted to us as an emergency are priorities for us.”**



## STRATEGIC OBJECTIVE THREE: drive service improvement, innovation and transformation.

Consultation with staff has told us that there is often duplication in what we do for patients (e.g. repeat tests, duplicate letters) and that it would be possible to make better use of the resources we have by redesigning pathways and services to make them more efficient and effective. This strategic objective will initially focus on the development and implementation of the MCP and the transformational changes it will deliver to patient care and experience. This focus will be retained whilst the transformation required by the development of an Integrated Care System (ICS) for the Black Country by 2021 is developed in line with the NHS Long Term Plan.

The vision for the MCP is to integrate primary and community services to ensure that patients are provided with the right treatment, in the right place at the right time and by the right person. The development of pathways and services that will be part of the MCP is a significant step for the Trust. It will enable more care to be delivered in the community as close as possible to where the patient lives, rather than in hospital. The MCP will enable the development of integrated services across primary, community and social care, simplify care pathways and improve patient experience. During consultation, patients said that they welcomed these new approaches to service delivery and staff were keen to understand how our current services and patient pathways would be redesigned to meet the ambitions of the MCP. Staff wanted to be part of developing the new services.

MCP services will provide a model of care designed to address the current and emerging needs of people living in Dudley. This will include:

- ▶ Improving population access to primary and community services.
- ▶ Providing better continuity of care for the rising number of people with multiple long term conditions.
- ▶ Delivering more coordinated care for those with multiple and complex needs.
- ▶ The prevention and early identification of health conditions.

Whilst working in partnership with other providers in the community, DGFT will continue to provide emergency and elective acute services. This will ensure continuity and coordination of services with primary care including integrated community teams, improved end of life care and frailty pathways.

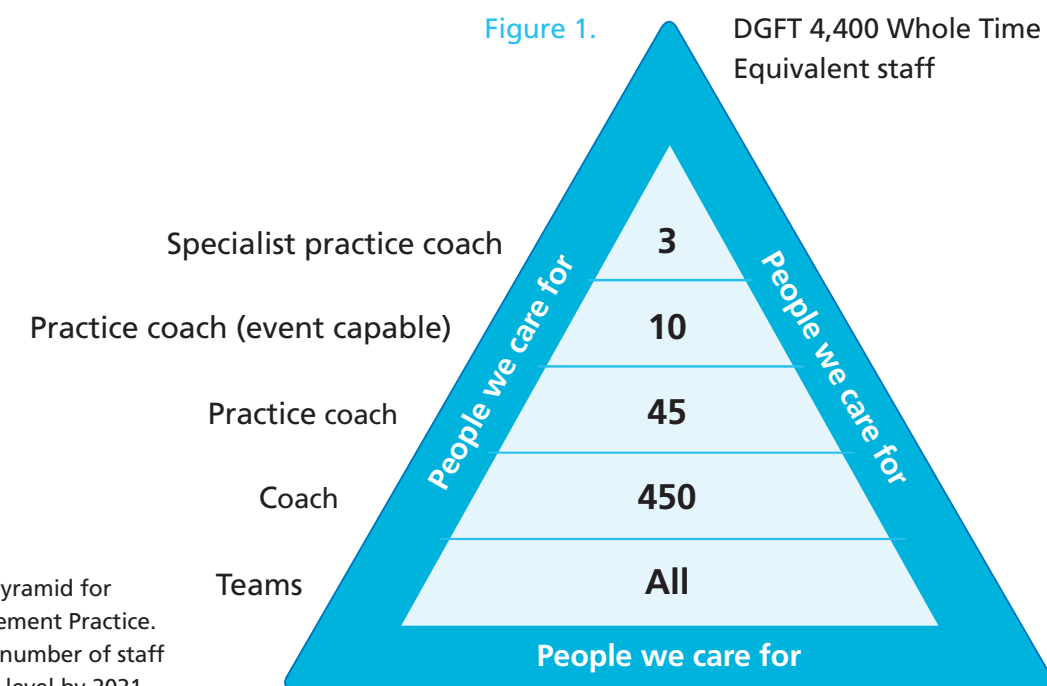
*“ The development of pathways and services that will be part of the MCP is a significant step for the Trust. It will enable more care to be delivered in the community as close as possible to where the patient lives, rather than in hospital. ”*

Whilst consultation clearly indicated that patients welcome the changes that the MCP will bring to Dudley, both patients and staff also recognised the need for the Trust to also reconfigure its acute services to meet the changing demographics and needs of the population. Improving access to seven day services so that patients have access to consistently high quality care seven days a week is a priority for us and staff raised this as an area we should focus on over the next two years. Seven day services will mean that all non-elective patients who are admitted will be seen by a consultant within a few hours (or by the morning after arrival) and any urgent tests or treatments will take place the same day. The consultant or a member of their team will review each patient daily. This will improve patient experience and quality of care, as well as making our services more efficient by reducing length of stay and increasing discharge rates.

A number of our services have already received a clinically led ‘Getting it Right First Time’ (GIRFT) review and we are working to implement the learning from these through a series of action plans. This will help to improve the effectiveness and efficiency of these services. We will continue to participate in GIRFT reviews throughout the lifetime of this strategy.

The Trust is one of seven Trusts that have been selected for a national Improvement Practice Programme with NHS Improvement (NHSI). The programme will employ methodology to improve quality and streamline the efficiency of services. This is a long term approach to continuous improvement which will include the training of practice coaches so that we have the relevant skills within the Trust as outlined in Figure 1.

Figure 1.



Staff Training Pyramid for Dudley Improvement Practice. This shows the number of staff trained at each level by 2021.

## STRATEGIC OBJECTIVE THREE: drive service improvement, innovation and transformation (continued)

We have identified four key service areas to be the focus of the Dudley Improvement Programme during 2019:

- ▶ Emergency Department.
- ▶ Emergency Surgery.
- ▶ Outpatient follow-up.
- ▶ End of Life Care.

During the first three years, the Trust will be supported by NHSI who will assist with developing practice coaches, implementing and realising the benefits of the programme. The aim is that, after this period, the Trust will be self-sufficient to sustain the programme and continue to develop a culture of quality improvement.

A fully interoperable EPR delivered within a digital transformation programme will support sustainability and patient outcomes. The digital platform aligns fully with the Black Country STP health and social care economy roadmap and directly supports the MCP new models of care. Within the Trust, the EPR facilitates healthcare professionals to record and share clinical information, whilst accessing optimised and standardised care pathways, supporting clinician decision making to reduce unwarranted variation. Data analysis will support identification of areas for improvement and transformation. Our Digital Strategy will go some way to meeting the aspirations for digitally-enabled care that is outlined in the NHS Long Term Plan and we will continue to develop our strategy in line with the national ambition.

“ A fully interoperable EPR delivered within a digital transformation programme will support sustainability and patient outcomes.”



## What we are going to do

We have set ourselves the following goals

- ▶ Provide care closer to home/ in the community through the implementation of the Dudley MCP.
- ▶ Work with STP partners to develop and implement the Black Country ICS.
- ▶ Configure acute services to meet changing demographics and the needs of the population.
- ▶ Provide seven day services.
- ▶ Redesign services to make them more efficient and effective.
- ▶ Align all improvement practice to a single, consistent method - the Dudley Improvement Practice.
- ▶ Maximise digital and analytical capabilities to support the delivery of Dudley Improvement Practice.
- ▶ Deliver enterprise-wide electronic prescribing and an orders and results management suite within the EPR.
- ▶ Deliver a paper-free Emergency Department to improve quality and efficiency of care.
- ▶ Deliver an integrated population health digital platform to meet the current and future needs of Dudley citizens.

## We will know we have been successful when:

- ▶ The MCP is implemented.





# Achieving our vision through our strategic objectives

## STRATEGIC OBJECTIVE FOUR: be the place people choose to work

The Long Term Plan for the NHS states that the performance of the healthcare system ultimately depends on its people and outlines the pressures experienced by staff and the organisations in which they work. A comprehensive national workforce implementation plan will be published later in 2019 which will set out the detail on specific issues and how they will be addressed.

We will grow and develop our workforce to ensure services are sustainable and we can meet future demands. Our Workforce Strategy presents our aspiration to have a workforce with the capacity and capability to meet the Trust's ambitions for the future, including the delivery of safe and effective patient care and better outcomes for patients. It provides ambitious expectations to support our workforce to develop their skills within a learning environment. It encourages staff to be innovative and to work together in an inclusive environment that stimulates the development of new ideas to support excellence. Our Workforce Strategy has six priority areas that are outlined on page 32.

Throughout consultation, patients told us that our staff are our most important asset, demonstrating compassionate care and doing an excellent job despite the pressures they face every day.

There is a national shortage of qualified nurses and prospective candidates face difficulties with funding their training. In order to support a sustainable nursing workforce, the Trust is going to be more ambitious in developing its own locally-sourced nursing workforce using the apprenticeship levy alongside a Nurse Degree Programme and a Nursing Associate model. This model will be supported with the development of Advanced Healthcare Practitioner roles alongside different models of care to deliver effective and safe clinical care.

We will continue to run recruitment campaigns for those staff groups that we find difficult to recruit, including nurses, allied health professionals (e.g. speech & language therapists, radiographers) and middle-grade medical staff. We have been successful at attracting medical staff through the Medical Training Initiative (MTI) scheme and will continue to recruit in this way.

We use a number of workforce performance measures to support our plans for workforce retention, capability and wellbeing. These include staff vacancy rates, turnover rates, sickness absence, appraisal rates and mandatory training.

The Trust engages well with its staff with many new opportunities for engagement having been provided in 2017/18 and we have further ambitions for 2019. The area of staff engagement and staff experience will continue to be an area of focus. We realise the value of a fully engaged, highly motivated and diverse workforce that not only reflects the local population but works collectively to improve the patient experience.

The Workforce Strategy focuses on further developing an inclusive culture with our staff. This will be developed through enhanced clinical engagement that will support involved decision making by those delivering care. Effective staff engagement is the cornerstone of our strategy and we will continue to listen to and make improvements with our workforce.

We will build on our engagement approach with the 'Make it Happen' events alongside initiatives such as the Chief Executive's monthly team briefings, Live Chat, Leadership Forum, Back to the Floor opportunities and supporting the Civility Saves Lives Campaign.

Staff achievements are recognised and promoted through the monthly Healthcare Heroes and annual Committed to Excellence Awards Ceremony. Every year, the Trust recognises staff with long service with an annual celebration.

Staff wellbeing is extremely important to the Trust and is closely aligned to the staff engagement work. There are quarterly wellbeing events in the Trust that support staff with both physical and mental health. The Trust is very proud of its success in staff services to support musculoskeletal and mental health conditions. Recognising that these are our two main reasons for absence, we will be developing these services further to support our staff.

Our Dudley Improvement Practice Programme will lead to tangible benefits relating to this strategic objective through the setting of measures which will ensure that staff morale is central to all service improvement initiatives.

### What we are going to do

We have set ourselves the following goals

- ▶ Provide effective recruitment, development of existing and prospective staff in order to deliver a sustainable workforce that meets our clinical needs. Succession Planning will be a key element of this.
- ▶ Develop a locally-sourced nursing workforce using the apprenticeship levy alongside a Nurse Degree Programme and a Nursing Associate model.
- ▶ Enhance the levels of engagement and inclusive decision making ensuring clinical priorities are at the heart of the decision making process.
- ▶ Enhance the experience of staff working at the Trust with the same commitment that we would expect when focusing on the patient experience.
- ▶ Enhance the support associated with the health and wellbeing of our staff.

### We will know we have been successful when:

- ▶ Staff feedback and workforce indicators are in the top quartile nationally

*“patients told us that our staff are our most important asset, demonstrating compassionate care”*

## STRATEGIC OBJECTIVE FIVE: make the best use of what we have

**T**here is a finite supply of financial resources to meet the demand for our services. In recent years, as with many NHS providers, it has proved particularly challenging to deliver financial balance. In June 2018, the Government introduced a new funding settlement for the NHS with real terms growth of £20.5 billion per year by 2023/24. We will work to achieve financial balance whilst managing demand, complexity of care and the cost of agency staff.

Consequently, the Trust's ambition is to use its resources in the most cost-effective and efficient way to provide services that meet the changing needs of the population and demand. For example, over the last few years, demand for emergency care has been unprecedented and there have been increases in first outpatient appointments and day cases. During consultation, patients and staff told us that they are concerned about the additional pressures on our services and how the Trust will manage the forecast demand from rising numbers of elderly people and those with complex long term health conditions.

We will use our resources to support our strategy by working towards the following aims.

First and foremost, we will develop a plan to return to financial balance with all of our services being financially sustainable. The NHS Long Term Plan explains how revenue funding for the NHS will grow by 3.4% a year over the next five years to enable organisations to deal with current pressures, the forecast

demographic changes and new priorities. It is expected that all providers will achieve financial balance alongside cash-releasing efficiency productivity growth of at least 1.1% per year. There is a national financial framework specifically aimed at supporting providers to return to financial balance and we will work with commissioners and regulators to reach this shared goal.

Secondly, we will build on the success of our efficiency programme in 2018/19 to create a platform for delivering efficiencies and sustainability going forward. To support this, we invested in new costing and coding IT systems in 2018/19 which will help us gain a better understanding of the true cost of providing patient care, the income we receive and what causes our cost pressures. Whilst we will eliminate unnecessary spend, we will also need to continue to invest in services and new developments and we will ensure that the financial and other business benefits are fully realised. We believe that improved clinical quality improvement through the Dudley Improvement Practice and the use of benchmarking tools like Model Hospital and GIRFT will deliver more effective and efficient use of resources. Our Dudley Improvement Practice Programme will lead to tangible benefits relating to this strategic objective through the setting of measures that ensure that all service improvement initiatives positively impact on value for money and efficiency. Benchmarking data shows where there is unwarranted variation in our services and helps us to understand where we can be more efficient and productive. The 'Use of

Resources' information in the Model Hospital portal enables us to identify those areas where we currently use our resources efficiently and those where there are opportunities for us to improve, including how efficiently we utilise our hospital beds, appointments, staff, support services and our estate. We will use demand and capacity models to help us understand and plan what we need to provide so that patients do not wait too long for treatment - the gap between capacity and demand is one of the main reasons that waiting lists develop and waiting times increase.

Thirdly, we will work with partners locally to deliver efficient system redesign and transformation. We will make the 'best use of what we have' through working in collaboration with our partners to implement new models of care as described by the MCP and NHS Long Term Plan. We will work with partners to reduce demand for acute hospital services through prevention of poor health, early detection and different models of care that will help avoid admission to hospital. An area of focus in the NHS Long Term Plan is to target the top five causes of premature death, including smoking, obesity, alcohol, air pollution and microbial resistance. Additionally, it emphasises the importance of prevention and early detection of health conditions (particularly cancer, diabetes, cardiovascular disease, stroke and respiratory disease) which will help to reduce the demand for hospital services and health inequalities. The local health system will produce plans in 2019 on how they will reduce health inequalities by 2023/24 and 2028/29.

### What we are going to do

We have set ourselves the following goals:

- ▶ Maximise the opportunities presented by the new national NHS financial framework.
- ▶ Drive efficiency and productivity through the proactive use of benchmarking data.
- ▶ Strengthen financial discipline and financial management.
- ▶ Set and deliver our cost improvement programme.
- ▶ Work with partners to reduce demand for hospital services by implementing initiatives to support prevention and early identification of health conditions.
- ▶ Ensure services meet demand through implementation of demand and capacity models.

### We will know we have been successful when:

- ▶ We achieve our financial plan.

**“ The Trust's ambition is to use its resources in the most cost effective and efficient way. ”**



# Achieving our vision through our strategic objectives

## STRATEGIC OBJECTIVE SIX: deliver a viable future

It is important that the Trust ensures the long term viability of its acute and specialist services.

The Trust will continue to work in collaboration with other acute hospital providers as part of the Black Country STP to ensure that services are viable 'effective and efficient. We will develop our services and models of service provision for the relevant priority clinical areas.

We have made a good start with the Black Country Pathology Partnership Service. This service has a Hub at New Cross Hospital in Wolverhampton and essential services laboratories at Russells Hall Hospital, Walsall Manor Hospital and in Sandwell and West Birmingham. We have developed arrangements to provide 24/7 Interventional Radiology Services collaboratively across the Black Country. We will build on this work and recognise that the configuration of some services across the STP acute trusts may change over time. DGFT will seek to ensure that any transformation in services as a result of the STP Clinical Strategy benefit the residents of Dudley. Our clinical leaders and managers will actively participate in reviewing, scoping and developing services across the Black Country:

- **Cancer:** we want services for patients to be in the top quartile for prevention, early diagnosis and treatment.
- **Maternity & neonates:** we will provide a maternity care pathway that involves women, and those close to them, in the right choices for them to give birth in a safe and caring environment.
- **Children & young people:** we will ensure they are in good physical and mental health, enabling them to become independent and productive members of our society.
- **Urgent & emergency care:** we will sustainably meet the urgent and emergency care needs of local people through the development and delivery of Same Day Emergency Care and a comprehensive and integrated care service.
- **Cardiovascular disease:** through networked and integrated services, we will prevent heart attacks and strokes using stronger pathways, better health management and health coaching.
- **Musculoskeletal:** our patients receiving surgical care for hip replacements and other common musculoskeletal conditions will have good outcomes, high quality of care, and experience efficiency in service delivery.
- **Respiratory:** we will reduce premature mortality rate for respiratory disease to below the England average. Patients living in the community will be able to access consultant outreach.
- **Frailty:** we will put patients at the heart of their own care through better coordinated care that meets their needs when they are both at home and in hospital. We will reduce avoidable emergency admissions.

DGFT currently provides a number of specialist services. We are the centre for the Black Country for provision of vascular services and we intend to retain and expand this service to secure its future at DGFT. We provide stem cell transplants for patients across the Black Country in our Haematology Department, and we provide specialist Plastic Surgery, Urology and Gastroenterology. The data analysis we have undertaken indicates that there is scope for us to expand this specialist provision. We will raise the profile of these services, both locally and nationally. In doing so, our aspiration is for DGFT to become known as a centre of excellence for these procedures.

The information we have analysed indicates that there is potential for us to develop our market share and commercial opportunities. Our approach will be to ensure that over the next 12 months our current services are operating in a viable and sustainable way, whilst we embrace opportunities to both repatriate work to the Trust and attract new business. The time taken to do this will vary for each service area. We will initially focus on increasing our market share and repatriating activity for Orthopaedics. We will consider disinvestment in services which may not be sustainable in the longer term, and we will look to our STP partners to work towards solutions and alternative models of delivery that benefit Dudley patients.

Trust Strategy 2019-2021

*“It is important that the Trust ensures the long term availability of its acute and specialist services.”*





# Achieving our vision through our strategic objectives

## STRATEGIC OBJECTIVE SIX: deliver a viable future (continued)

The Long Term Plan for the NHS describes how patients benefit from research and innovation and ways in which it will become easier for organisations and patients to participate in these opportunities. Staff say that they are proud of the research, development and innovation that takes place at DGFT. Consultation suggested that staff are willing to embrace new ideas, new technologies and new ways of delivering care to benefit patients. The Trust will continue to participate in clinical trials and proactively look for and participate in research and development opportunities, whilst adopting new technologies that will improve the care and services that we provide.

The ongoing improvement and development of our infrastructure is an important part of 'delivering a viable future' for the Trust. Examples include:

- ▶ Our Digital Trust Strategy and implementation of the Electronic Patient Record (EPR) which are significantly changing the way that staff work. This enables the provision of safer and improved care by making real time patient information more accessible to clinicians and speeding up decision making. It will also make us 'paper-free at the point of care.'
- ▶ The development of a health economy-wide population health platform where clinicians and Dudley's citizens can access information to proactively promote wellbeing and prevent illness.
- ▶ The ongoing development of back office functions (e.g. finance, procurement, human resources). The four acute trusts in the Black Country are working jointly on improving the procurement of hospital supplies.
- ▶ Ensuring that our buildings and equipment remain fit for purpose. We anticipate that our largest capital investments over the next two years will be the reconfiguration of the Emergency Department to improve patient flow and provide a better environment for patients. The Trust has been awarded STP capital funding to enable this development. We aspire to the development of a hybrid theatre to assist in the management of emergency vascular patients and provide theatre capacity to support additional elective activity.

The Trust will produce a Sustainable Development Management Plan which will set out how we will deliver environmental, social and financial value in what we do. It will address issues such as air pollution, energy use, green space, carbon emissions and climate change. The plan will help identify waste reduction opportunities, financial savings and describe how we will minimise the impact our activities have on the environment. Designing new care pathways and reducing the need to travel to hospital will play a major part in this.

*“The plan will help identify waste reduction opportunities, financial savings and describe how we will minimise the impact our activities have on the environment.”*

## What we are going to do

We have set ourselves the following goals:

- ▶ Implement STP work streams in collaboration with our Black Country Partners and the aspirations of the NHS Long Term Plan.
- ▶ Develop specialist services in Urology, Gastroenterology and Plastic Surgery.
- ▶ Increase the Trust's market share and commercial opportunities by developing opportunities for business sustainability and growth, particularly in Orthopaedics, Gynaecology and Ophthalmology. This will include repatriating elective work from local private providers.
- ▶ Maximise innovation and research.
- ▶ Develop our infrastructure to support future models of working.
- ▶ Further develop our approach to environmental sustainability.

## We will know we have been successful when:

- ▶ We can demonstrate sustainable business growth.



## Strategic Objectives

### 1 DELIVER A GREAT PATIENT EXPERIENCE

Review the mechanisms for patient engagement  
Improve the way we communicate with patients, their GPs and between different services within our Trust

### 2 DELIVER SAFE AND CARING SERVICES

Secure improvements required for Emergency Care  
Improve core services that have been rated by CQC as requires improvement so that they are good, and services that are rated as good to outstanding.  
Improve learning and feedback mechanisms to enhance quality of care

### 3 DRIVE SERVICE IMPROVEMENT, INNOVATION AND TRANSFORMATION

Provide care closer to home/ in the community through the implementation of the Dudley MCP  
Work with STP partners to develop and implement the Black Country ICS

### 4 BE THE PLACE PEOPLE CHOOSE TO WORK

Provide effective recruitment and development of staff in order to deliver a sustainable workforce that meets our clinical needs  
Develop a locally-sourced nursing workforce using the apprenticeship levy alongside a Nurse Degree

### 5 MAKE THE BEST USE OF WHAT WE HAVE

Maximise the opportunities presented by the new national NHS financial framework  
Drive efficiency and productivity through the proactive use of benchmarking data

### 6 DELIVER A VIABLE FUTURE

Implement STP work streams in collaboration with our Black Country Partners  
Develop specialist services in Urology, Gastroenterology and Plastic Surgery

## Goals

Integrate pathways within & between services to optimise efficiency & productivity  
Meet national access standards

Improve the environment in which care is delivered

Strengthen clinical and management decision making to improve the quality of care  
Develop mechanisms for staff to be better engaged in reporting of and learning from incidents and serious incidents

Implement revised clinical standards agreed as result of the national Clinical Standards Review  
Improve care for patients with major health conditions  
Deliver improvements in maternity care

Configure acute services to meet changing demographics and needs of the population  
Provide seven day services  
Redesign services to make them more efficient and effective

Align all improvement practice to a single consistent method  
Implement digital initiatives to support improvements in the delivery of care

Programme and a Nursing Associate model  
Enhance the levels of engagement and inclusive decision making ensuring clinical priorities are at the heart of the decision making process

Enhance the experience of staff working at the Trust with the same commitment that we would expect when focusing on the patient experience  
Enhance the support associated with the health and wellbeing of our staff

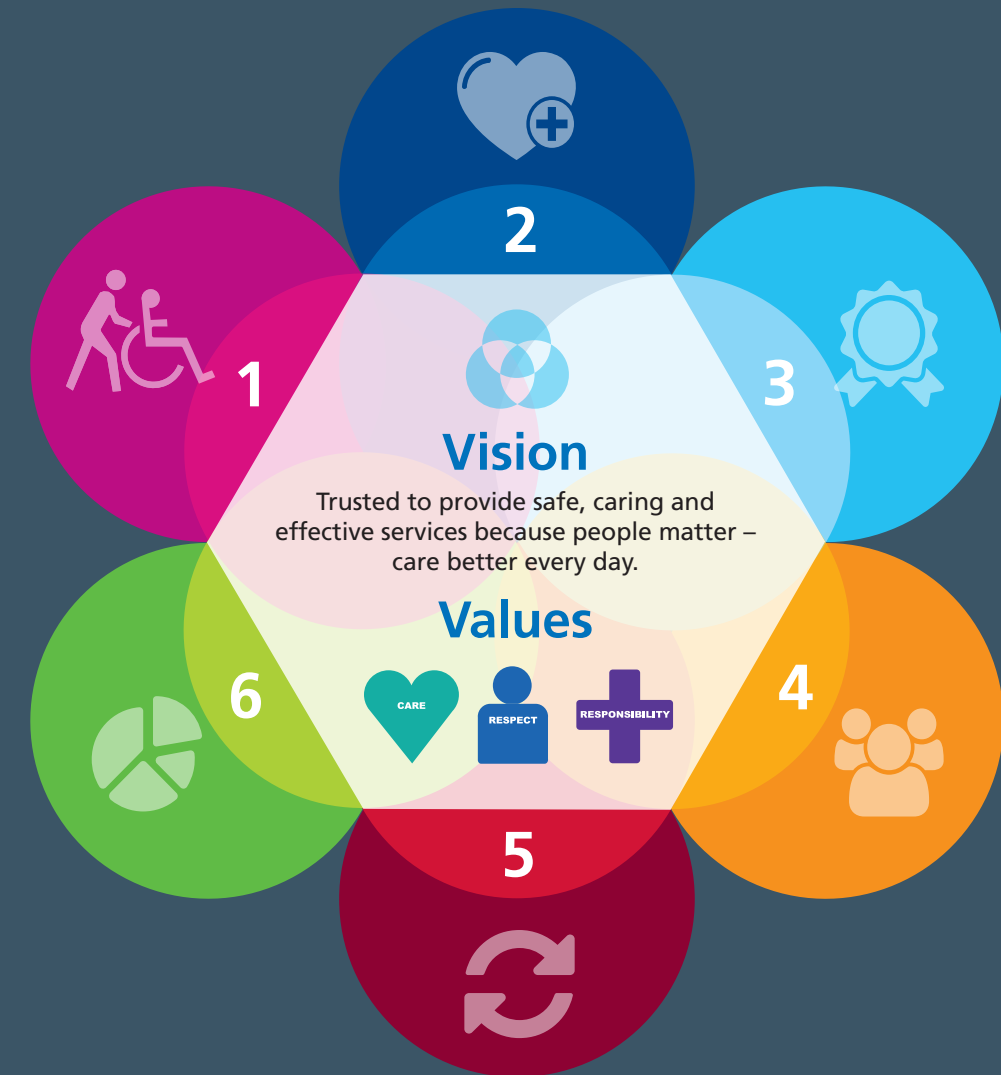
Strengthen financial discipline and financial management  
Set and deliver our cost improvement programme  
Work with partners to reduce demand for hospital services by implementing

initiatives to support prevention and early identification of health conditions  
Ensure services meet demand through implementation of demand and capacity models

Increase the Trust's market share and commercial opportunities by developing opportunities for business sustainability and growth  
Maximise innovation and research

Develop our infrastructure to support future models of working  
Further develop our approach to environmental sustainability

## Our Trust Strategy for 2019-2021



## Key Measures

Patient feedback scores are in the top quartile nationally

CQC inspection rating good or above

The MCP is implemented

Staff feedback and workforce indicators are in the top quartile nationally

Achieve our Financial Plan

Demonstrate business growth

## Underpinning strategies

Patient Experience Strategy (2018-2019)  
Information Governance Strategy (2017-2019)

Quality Improvement Strategy (2017 – 2019)  
Patient Safety Strategy (2019 -2022)  
Nursing & Midwifery Strategy (2017-2020)  
Clinical Strategy (2017-2021)  
Nutrition Strategy (2016-2019)  
Learning Disability Strategy (2015-2018)  
Risk Management Strategy (2018-2020)  
End of Life & Palliative Care Strategy (2017-2020)  
Cancer Strategy (2018-2021)

Workforce Strategy (2015-2020)  
Health and Wellbeing Strategy (2014-2017)

Estates Strategy (2018-2020)  
Research & Development Strategy (2018-2021)  
Digital Strategy (2016-2019)





During the consultation, we were asked how we would deliver the strategy over the next two years. There are two ways that we will do this.

## 1) Underpinning Strategies

The Trust has a number of strategy documents that underpin and support The Dudley Group NHS Foundation Trust Strategy for 2019 – 2021 and support the delivery of our vision, values and strategic objectives. These are enabling strategies and are shown on page 29.

Whilst all are important, outlined below are the key underpinning strategies that are central to the delivery of safe, high quality care and services by a well-trained sustainable workforce.

### Our Quality Improvement Strategy

Our Quality Improvement Strategy concentrates on how we will deliver high quality care. It has a number of key themes:

- ▶ Our quality priorities include patient experience, infection prevention and control, pressure ulcer prevention, incident management, nutrition/hydration, medications and discharge management. They were set following consultation with staff, patients and governors and each year the Trust agrees specific measurable targets for each.
- ▶ The Trust will improve its CQC rating from Requires Improvement to Good, and then to Outstanding.
- ▶ The Trust will promote and make visible a safety culture to all staff, visitors and the public. This will be undertaken by a number of initiatives including human factors training, promoting staff Speaking Up and ensuring lessons are learned from both good practice and when clinical incidents and complaints occur.
- ▶ Systems are in place to ensure the effective prevention, identification, escalation and management of all deteriorating patients, including those at risk of developing sepsis. We will have educational programmes in place so that staff are aware of and respond to early changes in patients' conditions.
- ▶ The Trust will continue to review all deaths that occur at the Trust using the nationally agreed mortality indicator. It will learn lessons from the outcomes of the reviews ensuring that improvements in care occur.
- ▶ The Trust will monitor its staffing levels which impact on the quality of care, comply with national guidance and take action to improve these when necessary.
- ▶ The Dudley Improvement Practice is an integral part of how the Trust will deliver a culture of continuous quality improvement.





## Our Workforce Strategy

Our Workforce Strategy underpins this strategy, but is particularly relevant to the strategic objective 'be the place people choose to work.' Our Workforce Strategy has six strategic priorities. These are:

- ▶ **Strategic priority one** - leadership, development and values: our staff will have access to relevant education that meets the needs of the service within a culture of continuous development.
- ▶ **Strategic priority two** - staff well-being and engagement: we will be a well led and engaged organisation with an inclusive culture that demonstrates our values.
- ▶ **Strategic priority three** - innovation and change: we will be a Trust that excels in innovation through our workforce.
- ▶ **Strategic priority four** – workforce capacity: we will ensure that our workforce capacity is efficient and flexible to support patient and service needs.
- ▶ **Strategic priority five** - recruitment and retention: we will have the right people in the right place within the framework of a sustainable workforce model.
- ▶ **Strategic priority six** - performance and productivity: we will support and expect the achievement of the highest level of workforce standards.



## Our Clinical Services Strategy

This strategy recognises the importance of clinical service development being clinically-led. It sets out how DGFT proposes to develop, organise and deliver its clinical services which will ultimately lead to improved quality, patient access, clinical outcomes and patient experience. This will be achieved through three clinical aims which are:

1. Develop integrated care provided locally to enable people to stay at home or be treated as close to home as possible.
2. Strengthen hospital-based care to ensure high quality hospital services provided in the most effective and efficient way.
3. Provide specialist services to patients from the Black Country and further afield.

Clinical support services (e.g. pharmacy, imaging, pathology and therapies) underpin the delivery of the Clinical Services Strategy. We recognise that these services also need to develop so that they can fully support changes in our clinical services.

Each of the Trust's clinical services is also developing a 'strategy on a page' which outlines the strategic options for the service for the next two years. The strategic options were identified from key findings of the competitor analysis, market share analysis and portfolio analysis which were undertaken to support our approach to strategic objective six – 'deliver a viable future.'



## Our Nursing and Midwifery Strategy

Our Nursing and Midwifery Strategy describes how we intend to develop our nursing, midwifery and support services to provide high quality care to our patients and service users. The strategy is aligned to two national strategic documents – 'Compassion in Practice' and 'Leading Change, Adding Value.' It articulates our local priorities for each of the 'six Cs':

- ▶ Care.
- ▶ Compassion.
- ▶ Competence.
- ▶ Communication.
- ▶ Courage.
- ▶ Commitment.

We have made progress on the delivery of the Strategy including:

- ▶ The adoption of proactive approaches to the identification, assessment and monitoring of falls resulting in harm in the hospital and community settings.
- ▶ Ensuring all registered nurses and midwives are aware of the revalidation processes and that robust monitoring systems are in place.
- ▶ Enhancing the care and management of patients with dementia in line with the Trust's Dementia Strategy.
- ▶ Prioritising care closer to home reducing the need for hospital attendance.
- ▶ Encouraging the professional development of all of our Nursing and Midwifery staff.
- ▶ Improving the way we care and manage the individual needs of patients with Learning Disabilities.
- ▶ Supporting all nurses and midwives to understand and meet their responsibilities with regard to safeguarding.



## Our Estates Strategy

Our Estates Strategy has been developed to provide an integrated approach to how we use our estate to support delivery of services that are aligned to both national and local plans, including the STP. The Estates Strategy supports the Trust's ambition to provide a range of high-quality services in a dynamic and stimulating environment which attracts the best staff. A detailed utilisation study is being undertaken to provide information to enable us to strategically reconfigure any current areas that constrain clinical services from changing their operational requirements. The key themes of the Estates Strategy are:

- ▶ Redevelopment of our Emergency Department.
- ▶ Reconfiguration of clinical space.
- ▶ Development of a hybrid theatre and additional theatre capacity.
- ▶ Assessing the impact of the Electronic Patient Record on storage requirements for paper-based patient records.
- ▶ Development and investment in energy efficiency schemes.
- ▶ Aligning our estate to the developments of the MCP and STP.
- ▶ Disposing of surplus land.

# Implementing our strategy

## 2) Annual business planning

Every year, the Trust and each of its services produces an annual operational business plan. These outline how we will deliver each strategic objective over the next 12 months and what changes are needed. They are monitored through robust governance processes in line with the Board Assurance Framework and through governor and Trust Board oversight. This secures delivery against the plan to improve the care provided to the population the Trust serves.

This enables the Trust to:

- ▶ Understand how the vision, values and strategic objectives in this strategy are relevant to and are embedded within each of the Trust's services.
- ▶ Understand how each service is delivering against each strategic objective.
- ▶ Ensure that staff across the organisation understand how the strategy is relevant to them and their role in supporting the delivery of the strategic objectives.

## Conclusion

The next two years will be a challenging time for the Trust as it implements this strategy. We have a clear vision for the future provision of clinically and financially sustainable services for the population we serve. The national plan for the NHS, the priorities of the Black Country STP and the delivery of the MCP will mean that the Trust will need to be configured and to operate differently by 2021. We will embrace these opportunities by working collaboratively with our partners and through the implementation of new technologies, particularly through digital technologies. The Trust is committed to providing safe, high quality and timely care and to making the improvements outlined in our CQC action plans. We remain committed to continuous improvement through implementing the Dudley Improvement Practice and to improving our financial position to achieve financial balance. We know that we cannot achieve this strategy

without continuing to invest in and develop our workforce.

This strategy does not provide precise details of the exact actions we will take. Instead, it sets out the direction of travel and high level priorities we have identified from consultation with our stakeholders and the analysis of data available to us. It summarises what change is needed. This strategy can only be delivered if we rigorously plan and monitor what we are doing through our annual business planning process, with robust governance and oversight processes in place that are in line with the Board Assurance Framework. This will secure delivery against the strategy to improve the care provided to the population the Trust serves.

This strategy takes into account the environmental factors currently known to the Trust. We will review the strategy in the context of any future changes.



## Our measures of success

| Strategic objective | Measure of success   | Where we are at now | Where we will be after year one | Where we will be after year two |
|---------------------|--|---------------------|---------------------------------|---------------------------------|
| SO1                 | Our patient feedback scores are in the top quartile nationally             |                     |                                 |                                 |
| SO2                 | Our Care Quality Commission (CQC) inspection rating is good or above       |                     |                                 |                                 |
| SO3                 | The MCP is implemented.  |                     |                                 |                                 |
| SO4                 | Staff feedback and workforce indicators are in the top quartile nationally |                     |                                 |                                 |
| SO5                 | We achieve our financial plan  |                     |                                 |                                 |
| SO6                 | We can demonstrate sustainable business growth                             |                     |                                 |                                 |



للحصول على هذه النشرة بحجم أكبر، وعلى شكل إصدار صوتي و بلغات أخرى، الرجاء الاتصال بالرقم 08000730510.

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**Care better every day**

**Paper for Submission to the Board Meeting on 7<sup>th</sup> February 2019**

|  |   |   |   |
|--|---|---|---|
| <b>TITLE:</b>  | DRAFT EU EXIT Resilience Strategy   |   |   |
| <b>AUTHOR:</b>   | Christopher Leach   | <b>PRESENTER</b>  | Christopher Leach                                     |
| <b>CLINICAL STRATEGIC AIMS</b>   |   |   |   |
|  |   | Strengthen hospital-based care to ensure high quality hospital services provided in the most effective and efficient way. |   |
| <b>ACTION REQUIRED OF COMMITTEE</b>  |   |   |   |
| <b>Decision</b>  | <b>Approval</b>   | <b>Discussion</b>   | <b>Other</b>  |
|  |   | Y   |   |
| <b>OVERALL ASSURANCE LEVEL</b> ( <i>Please insert x in one of the boxes</i> )  |   |   |   |
| <b>Significant Assurance</b>   | <b>Acceptable Assurance</b>   | <b>Partial Assurance</b>  | <b>No Assurance</b>                                   |
| <input type="checkbox"/><br>High level of confidence in delivery of existing mechanisms / objectives   | <input checked="" type="checkbox"/><br>General confidence in delivery of existing mechanisms / objectives | <input type="checkbox"/><br>Some confidence in delivery of existing mechanisms / objectives, some areas of concern        | <input type="checkbox"/><br>No confidence in delivery |
| <b>RECOMMENDATIONS FOR THE COMMITTEE</b>   |   |   |   |
|  |   |   |   |
| <b>CORPORATE OBJECTIVE:</b>  |   |   |   |
| <b>SO1: Deliver a great patient experience</b><br><b>SO2: Safe and caring services</b><br><b>SO3: Drive service improvements, innovation and transformation</b>  |   |   |   |
| <b>SUMMARY OF KEY ISSUES:</b>  |   |   |   |
| The trust is taking actions to prepare for a potential no deal EU exit, this document indicates the overarching strategy that is being undertaken, due to the developing guidance from DHSC this document will continue to be updated up until exit. |   |   |   |

| IMPLICATIONS OF PAPER:                     |                     |   |   |
|--|---------------------|---|---|
| RISK                                       | Y                   |   | Risk Description: No Deal EU Exit   |
|  | Risk Register:<br>Y |   | Risk Score 20   |
| COMPLIANCE<br>and/or<br>LEGAL REQUIREMENTS | CQC                 | N | Details:  |
|  | NHSI                | N | Details:  |
|  | Other               | Y | Details: NHS England and CCG have requested copies of the document to assist in health economy planning |



# EU EXIT RESILIENCE STRATEGY

|   |   |
|---|---|
| <b>DOCUMENT TITLE:</b>  | EU EXIT Resilience Strategy   |
| <b>Name of Originator/Author /Designation &amp; Specialty:</b>                      | Christopher Leach, Emergency Planning Manager   |
| <b>Director Lead:</b>   | Karen Kelly, Chief Operating Officer  |
| <b>Target Audience:</b>   | All Staff   |
| <b>Version:</b>   | 1.5   |
| <b>Date of Final Ratification at Committee/Board of Directors:</b>                  |   |
| <b>Review Date:</b>   |   |
| <b>Registration Requirements Outcome Number(s) (CQC)</b>                            |   |
| <b>Relevant Documents /Legislation/Standards</b>                                    | <a href="#">Civil Contingencies Act 2004</a><br><a href="#">ISO 22301:2012</a><br><a href="#">Government Guidance EU Exit</a>   |
| <b>Contributors:</b><br><br><i>Individuals involved in developing the document.</i> | <b>Designation:</b><br>Jane Elvidge, Deputy Chief Pharmacist & Medication Safety Officer<br>Paul Mellor, Assistant Director of Procurement<br>Dawn Woods, Head of HR Operations<br>Dr Emma Suggett, Interim Chief Pharmacist<br>Neal Shaw, Head of Medical Engineering<br>Darren Lowe, Estates Compliance Manager<br>Sarah Ellis, IT relationship manager<br>Colin Plant, Estates Manager Interserve<br>Phillip Stirling, Sandwell and West Birmingham NHS Trust Emergency Planning Officer<br>Gregory Barber, Transfusion Laboratory Manager<br>Claire Phillips, Research & Development Manager<br>Chris Walker, Deputy Director of Finance – Financial Reporting<br>Sharon Williams, Information Governance Manager/Data Protection Officer<br>Danielle Stacey, Deputy Chief Pharmacist – Medicines Optimisation<br>Rita Khan, Breast Imaging Manager |
| <b>The electronic version of this document is the definitive version</b>            |   |

## CHANGE HISTORY

| Version | Date                          | Reason  |
|---------|-------------------------------|---|
| 1.0     | October 2018                  | New Document  |
| 1.1     | January 2019                  | Update to Pharmacy sections and requested additions of breast cancer screening from CSS   |
| 1.2     | 16 <sup>th</sup> January 2019 | Addition of Fuel Shortage Section from BCP  |
| 1.3     | 30 <sup>th</sup> January 2019 | Addition of assurance around Breast Cancer Screening                                      |
| 1.4     | 1 <sup>st</sup> February 2019 | Addition of Post exercise report for Brexit and actions required + staffing scheme update |
| 1.5     | 4 <sup>th</sup> February 2019 | General updates to sections   |

**THIS DOCUMENT IS SUBJECT TO CHANGE**

A translation service is available for this document. The Interpretation/Translation Policy, Guidance for Staff is located on the intranet under Trust-wide Policies.

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Version 1.5

# THE DUDLEY GROUP NHS FOUNDATION TRUST

## EU EXIT RESILIENCE STRATEGY

### 1. INTRODUCTION

As part of the trusts resilience strategy it is necessary for us to prepare for incidents actual and perceived. On the 29 March, 2017 the UK triggered Article 50 of the Lisbon Treaty as part of our preparations to leave the European Union, this means the UK is scheduled to leave at **11pm on Friday, 29 March 2019**.

There is a potential risk of a `no deal` scenario, this would potentially have a massive impact on the country both economically and financially. In the event of a deal being made there would be relatively little impact envisaged on NHS providers. This strategy will therefore mainly consider a no deal scenario but the principles could be applied in elements if a risk was perceived following a full or partial deal.

The NHS procures large amounts of equipment, supplies and personnel from EU countries this therefore could impact on the trust considerably.

This document seeks to be a strategic level document indicating areas of potential risk, certain departments have already been requested by DH to generate specific preparedness for EU exit and this will be referenced within the document.

In the eventuality of a no deal EU exit the trust will respond using established business continuity arrangements and mechanisms, with the departments referenced in this document being called to a Business Continuity Incident management team to provide input and guidance.

On the **15<sup>th</sup> January 2019** the deal negotiated by the government with the EU was rejected in parliament, this leaves the UK currently in the position of a no deal if left up to the exit date

On the **29<sup>th</sup> January 2019** two amendments were agreed in parliament, whilst not legally binding and still requiring the EU to agree to them it indicates a potential move forwards. These amendments were:

- For a renegotiation of the EU Exit deal (focussed on the Ireland backstop)- Brady amendment
- To not allow the UK to leave the EU with a no deal (however there was a rejection of proposal to extend the EU exit day) Spelman amendment

### 2. STATEMENT OF INTENT/PURPOSE

This document will only be enacted in the event of a **no-deal** EU exit. Due to the rapidly developing guidance in relation to no-deal EU exit from Department of Health and Social Care this document will be updated regularly

Preparations detailed in this document are being made in readiness for the **29th March 2019** departure date

### **Aim**

To define impacts and preparations being undertaken at a local and national level for a no deal EU exit

### **Objectives**

- To identify areas that could potentially be impacted by EU exit
- To look at potential contingency mechanisms within the UK
- To ensure guidance is implemented within relevant departments

## **3. DEFINITIONS**

| <b>Acronym</b>    | <b>Definition</b>                                   |
|-------------------|---|
| DHSC              | Department of Health and Social Care                |
| EU Exit or Brexit | The UK process of exiting the EU                    |
| EU                | European Union                                      |
| ISO               | International Standard                              |
| MHRA              | Medicines and Healthcare products Regulatory Agency |
| IVDR              | In Vitro Diagnostic Regulations                     |
| HMr               | Human Medical Regulations                           |
| MDr               | Medical Devices Regulations                         |

## **4. KEY CONTACTS**

Key leads for no Deal EU exit will be identified in Annex E, these persons will form part of the trusts arrangements for planning for this eventuality, meetings will be held regularly to explore the risks posed by No Deal EU Exit, as a minimum they will be attended by:

- Emergency Planning Manager (Chair)
- Representative from Pharmacy
- Representative from Medical Devices
- Representative from Trust IT
- Representative from Trust Estates
- Representative from Procurement
- Representative from Workforce
- Representative from Radiology
- Representative from Research and Development
- Representative from Finance

By invite and optional attendees will include:

- Chief Operating Officer (SRO for No Deal EU Exit)
- Interserve
- Summit
- Terrafirma
- And others as are identified by Risk Assessment

## 5. NO DEAL EU EXIT BUSINESS IMPACT ANALYSIS

| Risk                            | Impact Definition   | Service Delivery | Financial | Reputation | Wellbeing, Health & safety | Information Security | Statutory/ Regulatory | Business/ Work plan objectives |
|---------------------------------|---|------------------|-----------|------------|----------------------------|----------------------|-----------------------|--------------------------------|
| Reciprocal healthcare           | Provision of care to EU nationals                                   |                  |           | X          | X                          |                      |                       | X                              |
| Procurement                     | Supply of non-clinical and clinical consumables, goods and services | X                | X         |            | X                          |                      |                       | X                              |
| Pharmacy                        | Supply of medicines and vaccines                                    | X                | X         | X          | X                          |                      | X                     | X                              |
| Medical devices                 | Supply and maintenance of medical devices                           | X                | X         | X          | X                          |                      | X                     | X                              |
| Interserve and support services | Estates and Soft FM   | X                | X         | X          | X                          |                      | X                     | X                              |
| Blood Services                  | Blood, blood components, organs, tissues and cells                  | X                | X         | X          | X                          |                      |                       | X                              |
| Workforce                       | Staffing  | X                | X         | X          | X                          |                      | X                     | X                              |
| IT- Terraforma                  | Data sharing, processing and access                                 | X                | X         | X          | X                          | X                    | X                     | X                              |
| Fuel supplies                   | National supplies of fuel   | X                |           |            | X                          |                      |                       | X                              |
| Research and Clinical trials    | Investigational medicine products and clinical research             | X                |           | X          | X                          | X                    | X                     | X                              |
| Potential increases in demand   | Capacity Increases  | X                |           | X          | X                          |                      | X                     | X                              |

**Note:** All departments are expected to have in place individual Business Continuity and Impact Assessments that identify risks to their areas

## 6. AREA INDIVIDUAL IMPACTS AND RESILIENCE

### 6.1 Procurement

The Procurement lead is working directly with Department of Health and Social Care (DHSC) to undertake internal reviews of purchased goods and services and to understand risks to operations if there is disruption in supply. This excludes goods and services that are being reviewed centrally, such as food, on which the Department has written to procurement leads previously. NHS Supply Chain which provides the majority of supplies to the trust are being managed and assessed nationally by DHSC assurance will be provided to trusts of resilience and processes required in a no deal EU exit in due course.

The trust has also undergone a process to assess a range of suppliers not covered at a national level (a list of identified suppliers are available in (Annex A) and conversations are taking place with these suppliers to ensure resilience of the supply chain, all suppliers identified by Procurement have been sent a questionnaire regarding Brexit (annex F)

Further guidance is expected from DHSC in **January 2019**.

### 6.2 Pharmacy

#### ***Summary***

The Hospital pharmacy team is leading on the preparation and planning for a potential no-deal Brexit scenario and it's impact on the supply of medicines. Pharmacy must also feed into the work of other departments across the organisation on Brexit, such as the EPRR team, research and development and procurement.

#### ***Key issues***

- Matt Hancock wrote to the NHS in August 2018 to assure that a Government scheme would ensure six weeks supply of medicines were available in the UK in the event of a 'no deal' Brexit. Hospitals, GPs and pharmacies were advised to continue to manage stocks as normal, and that local stock piling should NOT be undertaken. Patients should not seek to store additional medicines at home.
- 21/12/18: DHSC published "EU Exit Operational Readiness Guidance
- Actions the health and care system in England should take to prepare for a 'no deal' scenario." This summarised the contingency plan to ensure the flow of medicines following 27th March 2019. Wholesalers have been granted extra storage space to increase stockholding of medicines and manufacturers who import medicines across the short straits crossing have been reviewed in line with Government plans. It was reiterated that stock piling should not be undertaken by hospitals, pharmacies or patients themselves.
- Medicines legislation is being altered to allow the establishment of "Serious Shortage Protocols" that allow flexibility in dispensing of available medicines.
- PHE is leading a programme to ensure continuity of supply of centrally-procured vaccines



- Organisations running clinical trials are encouraged to consider the supply chain of IMPs following 29th March
- Action cards have been issued to providers and commissioners to supplement EPRR plans. This includes risk assessment and business continuity planning and communications and escalation. Specific actions around medicines include:
  - No stockpiling
  - No clinicians to write usual than longer prescriptions
  - Direct staff to promote messages of continuity and reassurance to people who use health and care services, including that they should not store additional medicines at home.
  - Continue to report current shortage issues and escalate queries for medicine supply issues unrelated to current shortages through existing regional communication channels.

### ***Actions for pharmacy to prepare for 'no deal Brexit'***

- Identify Senior Responsible Officer for EU exit preparation in the Trust and ensure Chief Pharmacist or representative is part of the SRO's team response
- Ensure Executive team are cited on risks of continuing supply of medicines and the actions taken to mitigate these
- Continue to update risk register as new information is available
- Undertake local risk assessment of impact of Brexit and feed into Trust's response
- Medicines supply chain:
  - Follow guidance not to stock pile but ensure critical and high turnover items are consistent with average stockholding. Identify "fragile lines" where historically small amount of stock is retained or product requires several days for delivery.
  - Direct staff to reassure patients regarding plans for continuity of supply and discourage patients from stockpiling
  - Continue to report shortages through usual regional routes
  - Maintain Shortages Log with details of the shortage and interim advice for pharmacy staff
  - Establish process for implementing Serious Shortages Protocol
- Identify any key consumables critical to medicines administration and link in with procurement department
- Clinical Trials
  - Identify if Trust is lead sponsor for any trials and follow MHRA advice
  - Liaise with trial Sponsors to understand their arrangements to ensure that clinical trials and investigations using IMPs which come from, or via, the EU are guaranteed in the event of any possible border delays.
- Find out if there are any data flows to and from the EU e.g. Early Access Schemes, that may impact on patient care. Review information assets linked to the EU e.g. clozapine database and plan for contingency if unavailable.
- Update local Pharmacy business continuity plans.
- Workforce: Identify EU nationals working in the department. Ensure aware of EU Settlement Scheme. Include service impact in risk assessments if shortfall of EU nationals identified as a potential issue. Reassure staff regarding professional registration of existing staff.
- Set up pharmacy Brexit steering group to manage actions.

- Maintain record of costs incurred to comply with guidance

Pharmacy may be impacted severely by a no deal EU exit from supply to provision to production.

Locally we have been instructed by national guidance not to stockpile medicines.

*“Even though the planning assumption has been revised, the Department will continue to develop the UK-wide contingency plan with pharmaceutical companies. May I therefore take this opportunity to restate my message from August: UK health and social care providers – including hospitals, care homes, GPs and community pharmacies – should not stockpile additional medicines beyond their business as usual stock levels, there is also no need for clinicians to write longer NHS prescriptions” (DoH letter from Matthew Hancock 07/12/2018)*

In addition to this NHS England is working closely with the DoH on the planning for EU Exit, this included the below preparations:

*“Under the DHSC Medicines Supply Contingency Planning Programme, pharmaceutical companies should ensure they have an additional six weeks supply of medicines in the UK on top of their normal stock levels.*

*Medical staff should do all they can to make patients aware that they do not need to store additional NHS medicines at home” (DoH letter from Matthew Hancock 23/08/2018)*

As a trust we are undertaking an assessment of all “fragile” lines to ensure that we have sufficient ward stocks in the event of a no deal EU exit. Regional discussions are also taking place with regards to accessing rarely used medications.

Pharmacy are conducting a separate piece of work on difficult to access drugs this will cover the impact analysis for a no deal EU exit also.

Pharmacy are expected to ensure continued reporting on shortage issues and to ensure escalation of queries for medicine supply issues unrelated to current shortages through existing regional communication channels. The trust ensures reporting to the regional procurement lead. This is a two way process with regional and national supply issues being reported back into the Trust.

Pharmacy have also recently strengthened governance around drug shortages, and tabled a paper at CQSPE to detail formalisation of the process

The Chief Pharmaceutical Officer will hold a meeting with the chairs of regional hospital and CCG Chief Pharmacist networks (and representatives of private hospital Chief Pharmacists) in January 2019 to help inform local plans.

The Chief Pharmacist has robust communication channels with the regional chief pharmacists and the regional chair. They currently meet bi-monthly with daily communication if necessary via email. Their next meeting is on 8th January 2019. The Chief Pharmacist will be fully briefed regarding any contingency and collaboration arrangements determined by the CPhO

### 6.3 Drug Regulation

If the event of a no deal UK participation in the European regulatory network would cease, the Medicines and Healthcare products Regulatory Agency (MHRA) would take on the functions currently undertaken by the EU for medicines on the UK market. This would require changes to UK law, via the Human Medicines Regulations 2012 (HMRs). The MHRA is planning a public consultation in early autumn on some of the key proposed legislative changes, this document will be updated as more information is received [More information](#).

### 6.4 Blood and Healthcare Products

Department of Health is working closely with NHS Blood and Transplant to coordinate 'no deal' planning for blood, blood components, organs, tissues and cells (as detailed in the two technical notices on blood and organs, tissues and cells and the recent letter to the health and care system sent by the Secretary of State for Health and Social Care on 7 December 2018)

The Blood Safety and Quality Regulations 2005 would be retained in UK law under the EU (Withdrawal) Act powers. The new regulation would maintain the current standard of blood quality and safety on exit day and enable updates to be made to the blood safety and quality standards to respond to emerging threats and changing safety, quality standards and technological advances.

NHSBT have indicated the following preparations for a No Deal EU exit [http://hospital.blood.co.uk/business-continuity/EU\\_exit/](http://hospital.blood.co.uk/business-continuity/EU_exit/)

MHRA (Medicines and Healthcare products Regulatory Agency) have indicated the following preparations for No Deal EU exit <https://www.gov.uk/government/news/medicines-and-healthcare-products-regulatory-agency-statement-on-the-outcome-of-the-eu-referendum>

#### ***Local suppliers for Transfusion***

|                                     |  |
|-------------------------------------|--|
| Bio Rad                             | Supplier of automation / principle technology in use in the lab with principle distribution points for all of Europe in France and Germany.<br>Bio-Rad have provided verbal assurances to customers around continuity of supply. The region (RHH, New Cross, Walsall and Shrewsbury) have requested a formal statement of assurance from them with a request that they will increase stock holding in the UK (Watford)<br>The blood bank team have managed to develop a buffer with partner trusts of reagents |
| Greiner                             | Suppliers of blood tubes manufactured outside of the UK. They have provided verbal assurance of their continuity<br>A plan is being formulated to ensure a buffer stock of these are also available  |
| Other suppliers – Pipette tips etc. | We have supply agreements within the contracts for these products, but an extra assurance statement has been requested from the suppliers<br>As a contingency alternate suppliers have been identified within the UK   |

**Blood Product Storage** – Items in use are UK supplied and manufactured. There is not an anticipated issue around these supplies

In the eventuality of a requirement to ration supplies there is a plan in place for this already-

[http://thehub/c/documents/policies/\\_layouts/DocIdRedir.aspx?ID=R3W3QJMQ2MSC-3-1898](http://thehub/c/documents/policies/_layouts/DocIdRedir.aspx?ID=R3W3QJMQ2MSC-3-1898)

The emergency blood and platelet management plan (also on the hub), due for review in January 2020, describes how we would 'demand manage' in a RAG rated blood supply interruption.

Escalation of supply interruptions would be through our normal routes (directorate manager/clinical lead) where if there is an unexpected peak in demand or reduction in supply. This would then be managed through 'demand management' for blood use (see policy) or rationing use of essential items with more frequent stock checks / situation reports.

## 6.5 Medical Devices

Dudley Group uses a variety of medical equipment devices from a range of suppliers, including Siemens, GE, Toshiba and Phillips.

**Medical Equipment Regulation:** The UK will recognise medical devices approved for the EU market and CE-marked. Should this change in future adequate time will be provided for businesses to implement any changed new requirements. The UK will comply with all key elements of the Medical Devices Regulation (MDR) and the in vitro diagnostic Regulations (IVDR), which will apply in the EU from May 2020 and 2022 respectively. Formal UK presence at EU committees in respect of devices will cease.

Medical Engineering will liaise with Procurement and review EU exit planning document to assess any suppliers that have been highlighted as a risk.

Any suppliers identified that will induce delays in provision of spare parts will be assessed by medical engineering and sufficient critical spare parts will be procured in advance.

## 6.6 Radiology

Radiological Isotopes are identified as having the potential risk to be impacted on by a no-deal EU exit, Dudley Group hold a contract with Sandwell and City to provide isotopes to the trust for radiological use.

There has been a lot of discussion nationally regarding security of supply of medicines generally, and of radiopharmaceuticals in particular. Sandwell and West Birmingham Trust have been closely engaged with these

The government is therefore fully aware of the potential issues, and has asked all companies to put in place plans to minimise disruption. As a result, companies are stock-piling 6-months' supply of medicines. Whilst this helps with the non-radioactive starting materials we use, for the radioactive component, we can't stock-pile it, as it decays away too quickly. In the event of

a no-deal EU exit, there is a risk of delay in delivery of our radioactive generators which we use to manufacture most of the radiopharmaceuticals we make, and other radioactive products which we order in as finished products, such as DaTSCAN, which is a key product for diagnosis of Parkinsons Disease.

This risk has been placed on the Sandwell trusts risk register, and they have undertaken an internal risk assessment process and rated this as Amber

Kits themselves should be unaffected by Brexit.

However, radioactive starting materials such as our generators, and radioactive finished products, such as DaTSCAN may be affected.

If we have a deal, supply should remain as it is now – i.e. no affected by Brexit

In the event of no-deal, there is a potential risk of delays:

***Generators:***

Generators will no longer be available for delivery any day of the week as they are now but Sandwell have amended their delivery schedule to ensure the activities available are sufficient for our usual workload.

There will however be difficulties if the delivery is delayed, and once we know if there is a deal or not, Sandwell may revisit their delivery schedule so that they are not delivered before manufacturing starts. Initially there may be a need to keep bookings light at first so that older generators can be utilised. We do this now when there is a delay to the generator delivery. They are suggesting that they will assume there will be a delay and plan accordingly.

***Other radioactive finished products, such as DaTSCAN, I-123 MIBG, Tl-201 and Ga-67:***

GE have closed their UK manufacturing plant, which is where they made their generators and other products such as 51-Cr EDTA and 51-Cr Sodium Chromate. GE have set up an arrangement with Curium whereby GE continue to source the Moly but the generators themselves are made up in the Curium facility.

Concerns are that there is now no UK manufacturing of generators, and in the event of a no-deal Brexit, there is potentially further delay to generator deliveries

One of the mitigating strategies has been to mandate all companies to move to air freight, and possibly sea freight rather than roads. Another has been to ask companies to stock pile medicines in the UK

## **6.7 Interserve and support services**

Interserve through contract with Summit provide assurance that they have adequate and suitable business continuity plans in place for any eventualities that may face them, this will include EU exit, as detailed below

***“EU exit – Supply Chain Statement January 2019***

***The decision made by the UK to leave the European Union, or 'Brexit' as it has become known, means that we must embrace the challenges that this decision will bring. In order to ensure that our business is sustainable, we are putting into effect a number of strategies, under the governance of the Interserve Brexit Committee, which will ensure the strongest possible outcome for our company as the transition away from EU membership takes place.***

***The company's Procurement and Supply Chain strategy includes identifying and mitigating potential risks to the supply of goods and services from key suppliers and subcontractors. Our approach to supplier management quantifies all relevant risks and issues to develop mitigation and action plans, providing required assurance to our business and customers. We are assessing information received from our key suppliers and seeking to share best practice on Brexit scenario planning.***

***We will continue to review and respond to emerging details of the Brexit plan and any associated impacts on our business and to review updated guidance from the Chartered Institute of Procurement & Supply. This statement may be revised to reflect the findings of the review and our response to it.***

***Additional comments following request from Summit:***

- ***Review of the assets and spares [particularly critical] to establish whether exiting the EU has an issue concerning timely fault repairs***
  - ***A Request for Information (RFI) document has been issued to key suppliers within the health sector that are used across multiple hospitals. Clarification is being sought regarding how Brexit may impact the provision of spares; what suppliers are doing to ensure that stock is available and accessible etc.***
- ***Is the consumable supply chain robust***
  - ***Based upon the responses received from suppliers, the Supply Chain Development (SCD) team will work with Procurement and Operations to assess suppliers based on their risk impact and develop risk mitigation plans as required. Given the criticality of certain service lines and vendors within the health sector – these will be prioritised.***
- ***Does Brexit affect the labour force here at Dudley?***
  - ***A full review of the impact it may have has been initiated by the site team with the support of John Craig and his team. A meeting is planned for early January to review progress and we expect to have a full understanding soon after that.***
- ***Any subcontractors that we rely on from the EU [such as Siemens]***
  - ***As outlined above, work is on-going with key suppliers to determine their plans in relation to Brexit and verifying their ability of being able to continue to provide the services required within the defined SLAs and having access to spares / stock to support this.***

## **6.8 IT and Data Protection**

The Trust completes the annual Toolkit; this year's Data Security and Protection Toolkit (DSPT) is due for sign off by **31st March 2019**

Trust IT 'Terraforma' also completes the DSPT individually also for final sign off by **31st March 2019**

The Trust is certified to ISO27001 and Cyber Essentials indicating a good level of business continuity for disruptive events

The Trust has processing agreements in place with third party organisations within and without the EEA

Contracts are compiled by Procurement holding the relevant contract clauses

## **6.9 Finance**

Due to the implications of a no deal EU exit there may be an increase in costs to the organisation through either stock piling or increased costs from providers. Procurement has engaged with finance through the process and the finance team are aware of the plans in place for procurement.

Finance will continue to be engaged throughout the process so that costs can be monitored and recorded appropriately as indicated below.

Each department/team will be expected to record costs (both revenue and capital) incurred in relation to a no deal EU exit. Costs with a direct financial impact will be recorded separately to opportunity costs, these then must be shared with the Finance Team to ensure a full compilation of costs to the trust. The trust will then be expected to discuss these costs with the regional NHS EU Exit support team. Further guidance will then be provided as needed.

Confirmation has been received from departments of acknowledgement of costings storage.

## **6.10 Staffing**

As of the 1<sup>st</sup> February 2019 the £65 resettlement scheme has been scrapped therefore reducing the risk of staff leaving due to requiring registration, HR maintains a full name list of staff from within the EU so direct contact can be made should the situation change, it has been decided that should a similar scheme be introduced in the future that the organisation will provide support to those individuals if required

Workforce have identified currently 98 staff members across the trust that would be affected by a No Deal EU Exit, these are from a combination of roles

| <b>Grade-Role</b>         | <b>Number</b> |
|---------------------------|---------------|
| Senior Manager            | 2             |
| Radiographer - Diagnostic | 3             |
| Sister/Charge Nurse       | 13            |
| Practitioner              | 2             |
| Foundation Year 2         | 2             |



|   |    |
|---|----|
| Trust Grade Doctor - Specialist Registrar Level | 1  |
| Trust Grade Doctor - Speciality Registrar Level | 1  |
| Specialist Registrar                            | 1  |
| Specialty Registrar                             | 5  |
| Manager   | 2  |
| Trust Grade Doctor - SHO Level                  | 1  |
| Pharmacist                                      | 3  |
| Specialist Nurse Practitioner                   | 7  |
| Apprentice                                      | 1  |
| Consultant                                      | 14 |
| Health Care Support Worker                      | 5  |
| Occupational Therapist                          | 2  |
| Staff Nurse                                     | 20 |
| Clerical Worker                                 | 2  |
| Specialty Doctor                                | 4  |
| Physiotherapist                                 | 3  |
| Student Nurse - Adult Branch                    | 1  |
| Midwife   | 1  |
| Secretary                                       | 1  |
| Modern Matron                                   | 1  |

Those that have currently been identified as no identifier (approx. 300 staff) will be contacted by workforce to determine what level of risk they pose to the organisation, this will then be updated within the document.

### 6.11 Surge and Escalation

There may be impacts to trust capacity as a direct or indirect result of a no deal EU exit, it is anticipated that this will be managed through standard trust surge and capacity protocols with any causality as a result of no deal EU exit being escalated through the routes indicated in section 7 and to regional EU exit leads.

During no deal EU exit the 24/7 command and control structure will be managed as per the Business Continuity plan response, with the executive on call taking strategic control of the trust and the manager on call taking tactical command.

At an appropriate time this will be re-assessed and if necessary a Business Continuity response team comprising of subject matter experts from key areas such as:

- Procurement
- Finance
- Pharmacy
- Workforce
- Emergency Planning

- Operations

## 6.12 Research and Clinical trials

### ***EU research and innovation funding schemes***

The trust does not currently have any EU, Horizon 2020 or Third Health programme grants

### ***Clinical networks***

In a 'no deal' scenario, UK clinicians would be required to leave European Reference Networks (ERNs) on 29 March 2019. However, the UK will seek to strengthen and build new bilateral and multilateral relationships – including with the EU – to ensure clinical expertise is maintained in the UK. The Department and NHS England are in contact with the ERNs and no action is required at this stage. Further information will be communicated to the NHS and professional bodies in due course.

### ***Clinical trials and clinical investigations***

The trust does not currently sponsor Investigational Medical Product (IMP) trials, all of our drug trials are sponsored commercially or through University or trial centre.

Externally the Department of Health and Social Care continues to engage with the life sciences industry and relevant NHS organizations to undertake a comprehensive assessment of potential impacts on clinical trials and investigations, to gain understanding of areas affected by supply issues.

This includes examining supply chains for IMPs, medical devices, in vitro diagnostic devices, advanced therapy medicinal products, radioisotopes and other clinical consumables. This assessment aims to conclude in January 2019 and, if necessary, further guidance will be issued thereafter.

### ***Clinical Trial Regulation***

For EU-wide trials, the new EU Clinical Trial Regulation (CTR) will not be in force in the EU on 29 March 2019 and so will not be incorporated into UK law. However, the Government has stated the UK will align where possible with the CTR without delay

IF carrying out clinical trials the normal process for seeking regulatory approval should be followed

As a trust the Research Nurses and Clinical Trial pharmacists are liaising with sponsors regarding arrangements for future supplies, this will be fed into this document as the information is received.

## 6.13 Fuel Supplies

It has been identified that a potential no deal EU exit could lead to fuel shortages due to delays at Ports. Guidance advises that plans are in place at a national level to deal with fuel stocks

The trust has a Fuel Shortage annex within the Trust Business Continuity Plan that can be followed if required (this is indicated below)

### **Bunkered stocks**

The trust has 2 tanks on site that store fuel for generators on site, the amounts stored are indicated in the below table, the quantities stored would be sufficient to fuel all four generators for approximately 12 days.

| Tank Number       | Tank Capacity (Litres) | Amount stored (litres) |
|-------------------|------------------------|------------------------|
| 1                 | 180,000                | 0                      |
| 2                 | 83,600                 | 68,000                 |
| 3                 | 90,000                 | 69,200                 |
| <b>Total Fuel</b> | <b>353,600</b>         | <b>137,200</b>         |

**Note: Amount stored correct as of 01/2019**

**Tank 1: currently offline as not fit for purpose works ongoing to rectify/replace**

In addition there are 4 day tanks each containing 10 hours of fuel for the generators running at full load.

In the lead up to a fuel shortage these tanks could be charged to full loading capacity as indicated in column 2.

It must be noted that these fuel stocks are also expected to cover heating systems also should there be a gas/electricity failure, under the HTM the trust is expected to provide 200 hours running time for generators on fuel and a 10 day boiler, in adverse condition's this is predicted to required 400,000 litres of fuel, this will be managed through the trusts status as a priority customer to ensure that we continue to receive fuel even in a shortage to achieve this required 400,00 litre capacity

#### 6.14 Primary Care

Whilst Dudley Group must ensure we are prepared for a potential no deal EU exit scenario it is also important that the Local Health Economy is also ready to respond and it assessing implications on their services as this may impact on the Acute's ability to provide care to patients.

Dudley CCG were asked to provide assurance that this has been considered, the response received is below

*"Biggest primary care issue is prescribing. The prescribing team are meeting regionally next week (w/c 14/01/2019) and will provide a further update at this point. We are not expecting an impact from primary care on the hospital"*

#### 6.15 Breast Cancer Screening

Medical Devices linked to Breast Cancer Screening are covered within the Medical Devices section of this document

We have received confirmation from Breast Cancer Screening equipment's supplier Hologic indicating that there would be no disruption to our equipment servicing or breakdowns (see Annex H)

The trust has also contacted our consumable suppliers to ascertain whether there would be any impact due to Brexit. Once confirmation is received it will be included in this document

The assessment by the Breast Cancer Screening team is that providing all equipment and supplies continue to be delivered as they currently are there would be no adverse effect on delivery of the breast screening service

## 6.16 Reciprocal Healthcare

In the event of a no deal EU exit there is the potential that EU healthcare cards will no longer be valid for EU nationals within the UK.

Finance follow guidance set by the Department of Health so would not be able to implement any changes until DH advise on how to proceed with reciprocal healthcare this is still being debated and guidance has not been issued

***“The Department will provide updates and further information in due course. This information will cover migrant cost recovery charging after 29 March 2019 to enable NHS Trusts and Foundation Trusts to amend processes and train staff if reciprocal healthcare arrangements change”***

The trust currently obtains costs directly from individuals that visit requiring healthcare from outside of the EU this process can be extended to EU national if required.

## 7. EXERCISING

On the 1st February the trust undertook an exercise to test preparedness for a No Deal EU exit this specifically identified key areas that required further development, due to the lack of national guidance or steer on this the planning group took the decision to further develop its planning in line with other trusts around the Midlands with focus on:

- Seeking potential alternate suppliers
- Stockpiling where guidance allows
- Issuing instruction to medics on the prevention of over prescribing
- Prioritization plans for services in the event of shortages ensuring care can be provided to critical areas
- Assurance from the Dudley local Health economy that they are prepared for a no deal EU exit to mitigate against surges into Dudley Group

These plans have been requested from divisions and departments by 22<sup>nd</sup> February 2019 for a further test in early March 2019 in anticipation of the withdraw date of the 29<sup>th</sup> March

Recommendations and actions identified are indicated in the Post Exercise report within Annex I

## 8. NATIONAL COMMAND AND CONTROL

Department of Health with support from NHS England and Improvement, and Public Health England, have established the national Operational Response Centre. This will lead on responding to any disruption to the delivery of health

and care services in England that may be caused or affected by EU exit. The Operational Response Centre will co-ordinate EU exit related information flows and reporting across the health and care system. The Operational Response Centre will also work with the devolved administrations to respond to UK-wide incidents.

The Operational Response Centre has been established to support the health and care system to respond to any disruption, and will not bypass existing local and regional reporting structures.

Working closely with the Operational Response Centre, NHS England and Improvement will also establish an Operational Support Structure for EU Exit. This will operate at national, regional and local levels to enable rapid support on emerging local incidents and escalation of issues into the Operational Response Centre as required.

Contact details for the Midlands region EU Exit lead is below:

[England.mids-euexit@nhs.net](mailto:England.mids-euexit@nhs.net)

NHS providers and commissioners will be supported by local NHS teams to resolve issues caused or affected by EU exit as close to the frontline as possible. These issues will be escalated to regional level, as required. Where issues are impacting across the health and care system at a national level, the Operational Response Centre will co-ordinate information flows and responses.

## 9. LOCAL COMMAND AND CONTROL

In the event of a No Deal EU exit impacting on areas of the trust the Trust processes for command and control in a Business Continuity Incident will be enacted, this will include a Strategic (Gold), Tactical (Silver) and Operational (Bronze) command structure these will be fulfilled by the roles indicated below

| Post                | Fulfilled by  |
|---------------------|---|
| Strategic Commander | Chief Operating Officer   |
| Tactical Commander  | Designated Manager on call (have been given Tactical Commander Training)  |
| Tactical Command    | Will be staffed by relevant departments affected by the no deal i.e. <ul style="list-style-type: none"><li>• Procurement</li><li>• Interserve</li></ul> |

Operational Command will be designated at the time dependant on the aspects affected by the No Deal

Due to the nature of this incident other executives and managers will be expected to be involved in the process as the incident impacts upon their core services, this will extend to clinical and non-clinical areas.

It is expected that due to this incident affecting all aspects of the UK that a level 4 national incident will be instigated and will be managed accordingly, with key messages and assurances being expected from NHS England and the CCG.

### **Prioritisation of Services**

In the event of a no deal EU exit adversely affecting supply chains it may be necessary for the trust to consider prioritisation of key services and cancellation of non-critical services to protect those that are critical, as per Business Continuity planning the critical services identified are:

1. Emergency/ED& Acute care
2. EMCs
3. Cancer
4. Routine Electives
5. Outpatients

Services would be expected to be `scaled back` in line with this priority list ensuring that patients care is first and foremost in manager/clinicians decision making process.

The Trust Business Continuity Plans indicate how incidents as a result of disruptive events should be managed/run and this would need to be used by commanders, in addition the predicted surge that may result as the consequence of a no deal EU exit can be managed by utilisation of the Trusts Surge and Escalation plan

## **10. TRAINING/SUPPORT**

No training will be specifically provided for this document as business continuity response principles will apply if an incident was to be declared.

This document only contains overarching principles in relation to a no deal EU exit

## **11. PROCESS FOR MONITORING COMPLIANCE**













### **Monitoring of Compliance Chart**

| Lead                       | Tool       | Frequency | Reporting arrangements | Acting on recommendations and Lead(s) | Change in practice and lessons to be shared |
|----------------------------|------------|-----------|------------------------|---------------------------------------|---|
| Emergency Planning Manager | EPRR Group | Quarterly | Via EPRR Group         | Emergency Planning Manager            | Via EPRR Group                              |

## **12. EQUALITY**

Dudley Group is committed to ensuring that, as far as is reasonably practicable the way we provide services to the public and the way we treat our staff reflects their individual needs and does not discriminate against individuals or groups on any grounds.

### 13. REFERENCES

|  |   |
|--|---|
| Procurement Guidance                                 |     <br>EU Exit - NHS Self Assessment Methodo 3. EU Exit - Contract Data Consolidated SpTrust Triage ContractAssessment Methodo 2. EU Exit - NHS 1. EU Exit - NHS Self 1. EU Exit - NHS Self |
| Matthew Hancock Letter 7 <sup>th</sup> December 2018 | <br>18.06.12 - Letter - Frontline Final (002).   |
| Pharmacy Storage                                     | <br>Brexit Ministers launch tens of million  |
| Interserve EU exit Statement                         | <br>Brexit - Supply Chain Statement - Oct 2018   |
| Matthew Hancock Letter 23 <sup>rd</sup> August 2018  | <br>Brexit - Frontline letter final_.pdf   |
| Free of charge medicines scheme                      | <br>Enc8. FOC-medicine-schem   |
| Government Guidance                                  | HM Government. (2018) How to prepare if the UK leave the EU with a no deal. <a href="https://www.gov.uk/government/collections/how-to-prepare-if-the-uk-leaves-the-eu-with-no-deal#overview">https://www.gov.uk/government/collections/how-to-prepare-if-the-uk-leaves-the-eu-with-no-deal#overview</a> [accessed 5th October 2018]   |
| EU Exit Operational Readiness Guidance               |  <br>EU Exit Operational Readiness Guidance. EU Exit operational readiness guidance cc  |



| <b>ACTION CARD</b><br><b>NO DEAL EU EXIT</b><br><b>COMMANDERS AND RELEVANT DEPARTMENTS</b><br><b>To be used with relevant action card from trust Business Continuity Plan</b> |  |
|---|--|
| Number  | Action   |
| 1.  | <p>Identify areas affected by the No Deal</p> <p>Consider:</p> <ul style="list-style-type: none"> <li>• Procurement</li> <li>• Medicines</li> <li>• Blood stocks</li> <li>• Workforce</li> </ul>   |
| 2.  | Form Impact assessments of these areas (utilise Business Continuity plan)  |
| 3.  | Ensure that the Chief Operating Officer and/or Deputy are aware of the impacts   |
| 4.  | <p>Form a Business Continuity Response Team including initially as a minimum (this may be scaled back as the incident progresses):</p> <ul style="list-style-type: none"> <li>• Executive on Call</li> <li>• Manager on Call</li> <li>• Communications Team</li> <li>• Area(s) affected by no deal (subject matter experts)</li> <li>• Finance Team</li> </ul> |
| 5.  | Ensure all costs related to no deal EU exit are compiled by the individual teams/departments affected and these are then escalated to the Finance Team for compilation and escalation to the NHS England Regional EU Exit team   |
| 6.  | Establish battle rhythm using timings from national and/or regional team   |
| 7.  | Ensure communications put onto hub around staff actions required and what actions the trust are taking to respond to the incident  |
| 8.  | Stand down from incident, ensure that all paperwork is submitted to the Emergency Planning Manager   |

## **Annex B     Department of Health and Social Care EU Exit Operational Readiness Guidance Action Card 1 – Action card for providers**

This Action card is taken from the EU Exit Operational Readiness Guidance and indicates the steps required of NHS funded providers in relation to a no deal EU Exit

### ***Role***

All providers of NHS services – including NHS Trusts and Foundation Trusts, primary care organisations and independent sector organisations who provide NHS services must consider and plan for risks that may arise due to a ‘no deal’ exit.

All providers should continue with their business continuity planning, taking into account the instructions in this national guidance, incorporating local risk assessments, and escalating any points of concern on specific issues to regional NHS EU Exit or departmental mailboxes listed in this guidance. Officials monitor these mailboxes and will respond to queries.

Clinical Commissioning Groups and NHS England should agree the handling of communications with general practice in line with existing delegation arrangements.

### **Actions for providers**

#### ***Risk assessment and business continuity planning***

- Undertake an assessment of risks associated with EU Exit by the end of January 2019, covering, but not limited to:
  - The seven key areas identified nationally
  - Potential increases in demand associated with wider impacts of a ‘no deal’ exit
  - Locally specific risks resulting from EU Exit
- Continue business continuity planning in line with your legal requirements under the Health and Social Care Act 2012, taking into account this guidance and working with wider system partners to ensure plans across the health and care system are robust. These organisational and system-wide plans should be completed at the latest by the end of January 2019
- Test existing business continuity and incident management plans against EU Exit risk assessment scenarios by the end of February to ensure these are fit for purpose

#### ***Communications and escalation***

All providers to:

- Ensure your board is sighted on EU Exit preparation and take steps to raise awareness amongst staff.
- Ensure Local Health Resilience Partnerships, Local Resilience Forums and Local A&E Delivery Boards are sighted on EU Exit preparation in your local health economy.
- Review capacity and activity plans, as well as annual leave, on call and command and control arrangements around the 29 March 2019, but at this point there is no ask to reduce capacity or activity around this time.
- Be ready for further operational guidance from NHS England and Improvement as contingency planning work progresses.

NHS providers to:

- Confirm escalation routes for different types of issues potentially arising from or affected by EU Exit into the regional NHS EU Exit teams listed in this document.
- Note your nominated regional NHS lead for EU Exit and their contact details
- Escalate any issues you have identified as having a potentially widespread impact immediately to your regional EU Exit team.
- Confirm your organisation's Senior Responsible Officer for EU Exit preparation and identify them to your regional EU Exit team as soon as possible. This role should be held by a board level member and will entail providing information returns to NHS England and Improvement, reporting emerging EU Exit-related problems, and ensuring your organisation has updated its business continuity plan to factor in all potential 'no deal' exit impacts. Organisations should also identify named staff to work in a team with the Senior Responsible Officer to support EU Exit preparation, implementation and incident response.

### ***Reporting, assurance and information***

NHS providers to:

- Be aware that if additional reporting is required, NHS England and Improvement will provide further guidance on requirements. However, existing reporting from NHS EU Exit Operational Readiness Guidance organisations will be used to develop a baseline assessment of the EU Exit impact on the health and care system.
- Note that regional NHS EU Exit teams will be in contact shortly to confirm your progress on these actions.
- For queries relating to specific topic areas in this guidance, please contact the relevant departmental mailboxes. Any immediate risks or concerns about provision of NHS service continuity should be escalated to the relevant regional NHS EU Exit mailbox

### ***Supply of medicines and vaccines***

All health and adult social care providers to:

- Follow the Secretary of State's message not to stockpile additional medicines beyond their business as usual stock levels. No clinician should write longer prescriptions for patients. The Department's UK-wide contingency plan for the continued supply of medicines and vaccines from the moment we leave the EU is being developed alongside pharmaceutical companies and other government departments.
- Note that there is no need to contact suppliers of medicines directly.
- Direct staff to promote messages of continuity and reassurance to people who use health and care services, including that they should not store additional medicines at home.
- Note that Chief and Responsible Pharmacists are responsible for ensuring their organisation does not stockpile medicines unnecessarily. Any incidences involving the over-ordering of medicines will be investigated and followed up with the relevant Chief or Responsible Pharmacist directly.
- Note that the Department and NHS England and Improvement are developing arrangements to allow local and regional monitoring of stock levels of medicines.
- Be aware that UK-wide contingency plans for medicines supply are kept under review, and the Department will communicate further guidance as and when necessary.
- Continue to report current shortage issues and escalate queries for medicine supply issues unrelated to current shortages through existing regional communication channels.
- Regional pharmacists and emergency planning staff to:

- Meet at a local level to discuss and agree local contingency and collaboration arrangements. The Chief Pharmaceutical Officer will hold a meeting with the chairs of regional hospital and CCG Chief Pharmacist networks (and representatives of private hospital Chief Pharmacists) in January 2019 to help inform local plans.

### ***Supply of medical devices and clinical consumables***

- Note that there is no need for health and adult social care providers to stockpile additional medical devices and clinical consumables beyond business as usual stock levels. Officials in the Department will continually monitor the situation and if the situation changes, will provide further guidance by the end of January 2019.
- Send queries about medical devices and clinical consumables provided by NHS Supply Chain to your usual contact. If you receive medical devices and clinical consumables from other suppliers, you should contact them directly with any queries as you would normally do.
- Be aware that the contingency plan is kept under review, and the Department will communicate further guidance as and when necessary.
- Send queries regarding medical devices and clinical consumables to [mdcccontingencyplanning@dhsc.gov.uk](mailto:mdcccontingencyplanning@dhsc.gov.uk).

### ***Supply of non-clinical consumables, goods and services***

All providers to:

- Be aware that NHS Trust and Foundation Trust procurement leads have been asked to undertake internal reviews of purchased goods and services to understand any risks to operations if there is disruption in supply. This excludes goods and services that are being reviewed centrally, such as food, on which the Department has written to procurement leads previously.
- Continue commercial preparation for EU Exit as part of your usual resilience planning, addressing any risks and issues identified through your own risk assessments that need to be managed locally.
- Continue to update local business continuity plans to ensure continuity of supply in a 'no deal' scenario. Where appropriate, these plans should be developed in conjunction with your Local Health Resilience Partnership. All health organisations should be engaged in their relevant Local Health Resilience Partnership, which should inform Local Resilience Forum(s) of local EU Exit plans for health and care.
- Be aware that the Department is conducting supply chain reviews across the health and care system, and work is in progress to identify risk areas specific to primary care.
- Await further advice from the Department on what actions should be taken locally.

NHS Trusts and Foundation Trusts to:

- Submit the results of their self-assessment on non-clinical consumables, goods and services to [contractreview@dhsc.gov.uk](mailto:contractreview@dhsc.gov.uk), if not done so already.
- Act upon further guidance to be issued by the Department in January 2019. This will be based on analysis of NHS Trusts and Foundation Trusts' self-assessments.

### ***Workforce***

- Assess whether your organisation has incurred a reduction in the number of EU nationals in your workforce before the UK leaves the EU.

- Publicise the EU Settlement Scheme to your health and care staff who are EU citizens. The scheme will open fully by March 2019 and remain open until 31 December 2020 in a 'no deal' scenario, so there will be plenty of time for EU staff to register. Further information can be viewed [here](#).
- Monitor the impact of EU Exit on your workforce regularly and develop contingency plans to mitigate a shortfall of EU nationals in your organisation, in addition to existing plans to mitigate workforce shortages. These plans should be developed with your Local Health Resilience Partnership, feed into your Local Resilience Forum(s) and be shared with your local commissioner(s). Consider the implications of further staff shortages caused by EU Exit across the health and care system, such as in adult social care, and the impact that would have on your organisation.
- Undertake local risk assessments to identify any staff groups or services that may be vulnerable or unsustainable if there is a shortfall of EU nationals.
- Ensure your board has approved business continuity plans that include EU Exit workforce planning, including the supply of staff needed to deliver services.
- Notify your local commissioner and regional NHS EU Exit Team at the earliest opportunity if there is a risk to the delivery of your contracted services.
- Escalate concerns through existing reporting mechanisms.
- Send queries on workforce to [WorkforceEUExit@dhsc.gov.uk](mailto:WorkforceEUExit@dhsc.gov.uk).
- Professional regulation (recognition of professional qualifications)
- Inform your staff that health and care professionals (including UK citizens), whose qualification has been recognised and who are registered in the UK before 23:00 on 29 March 2019, will continue to be registered after this point.
- Inform your staff that health and care professionals (including UK citizens), who apply to have their qualification recognised in the UK before 23:00 on 29 March 2019, will have their application concluded under current arrangements.
- Await further information from the Government on the future arrangements for health and care professionals (including UK citizens) with an EU/EEA or Swiss qualification, who apply to have their qualification recognised in the UK from 23:00 on 29 March 2019.

### ***Reciprocal healthcare***

#### All providers to:

- Note that, in a no deal scenario, the current arrangements for reciprocal healthcare and for overseas visitors and migrant cost recovery will continue to operate until 29 March 2019, depending on the reciprocal agreements that are concluded.
- Continue to support individuals who apply for NHS authorised treatment or maternity care in another member state (the S2 and cross-border healthcare processes).
- Note that the Department will provide updates and further information on reciprocal healthcare arrangements prior to 29 March 2019.

#### NHS Trusts and Foundation Trusts to:

- Maintain a strong focus on correctly charging those who should be charged directly for NHS care. Information on implementing the current charging regulations can be viewed on the webpage [here](#).
- Ensure there is capacity available for any further training that may be required if there are changes to the reciprocal healthcare arrangements. This should be undertaken by the Overseas Visitor Management team, and guidance and support materials will be made available to support this training.

- Note that the Department will provide updates and further information in due course. This information will cover migrant cost recovery charging after 29 March 2019 to enable NHS Trusts and Foundation Trusts to amend processes and train staff if reciprocal healthcare arrangements change.

### ***Research and clinical trials***

#### **EU research and innovation funding schemes**

- Note that the Government has guaranteed funding committed to UK organisations for certain EU funded projects in the event of a 'no deal' scenario. This includes the payment of awards where UK organisations successfully bid directly to the EU while we remain in the EU, and the payment of awards where UK organisations are able to successfully bid to participate as a third country after exit, until the end of 2020.
- Provide information about your Horizon 2020 grant here. This should be actioned as soon as possible. Further guidance can be found here and all queries should be sent to [EUGrantsFunding@ukri.org](mailto:EUGrantsFunding@ukri.org).
- Contact officials at [EU-Health-Programme@dhsc.gov.uk](mailto:EU-Health-Programme@dhsc.gov.uk) with information regarding your Third Health Programme grant, and any queries that you have, as soon as possible.

### ***Clinical trials and clinical investigations***

- Follow the Government's guidance on the supply of investigational medicinal products (IMPs) for clinical trials in a 'no deal' scenario, if you sponsor or lead clinical trials or clinical investigations in the UK.
- Consider your supply chains for those IMPs, medical devices, in vitro diagnostic devices, advanced therapy medicinal products, radioisotopes and other clinical consumables, used in clinical trials and investigations, which originate from, or travel through, the EU and EEA as soon as possible if you sponsor or lead clinical trials or investigations in the UK.
- Liaise with trial and study Sponsors to understand their arrangements to ensure that clinical trials and investigations using IMPs, medical devices, IVDs, advanced therapy medicinal products, radioisotopes and other clinical consumables which come from, or via, the EU or EEA, are guaranteed in the event of any possible border delays. If multiple sites are involved within the UK, then co-ordinate with the lead site or Chief Investigator in the UK, or organisation managing the clinical trial/investigation, e.g. Clinical Research Organisation, to ensure a single approach to the Sponsor.
- Respond to any enquires to support the Department's comprehensive assessment of the expected impact of a 'no deal' exit on clinical trials and investigations. The Department is working closely with the NHS to gain a greater understanding of who might be affected by supply issues.
- Continue participating in and/or recruiting patients to clinical trials and investigations up to and from 29 March 2019. This should occur unless you receive information to the contrary from a trial Sponsor, organisation managing the trial or clinical investigation, or from formal communications that a clinical trial or clinical investigation is being impacted due to trial supplies.
- Send queries concerning IMPs or medical devices to [imp@dhsc.gov.uk](mailto:imp@dhsc.gov.uk)

### ***Data sharing, processing and access***

- Investigate your organisation's reliance on transfers of personal data from the EU/EEA to the UK, especially those that are critical to patient care and/or would have a serious impact upon the system if they were disrupted.
- Note that many organisations tend not to disaggregate personal and non-personal data. As such, please be aware that restrictions on personal data may have knock-on effects on data more generally.
- Follow the advice from The Department for Digital, Culture, Media and Sport and the ICO on data protection in a 'no deal' scenario, which can be viewed on gov.uk and on the ICO website, in particular to determine where to use and how to implement standard contractual clauses.
- Ensure that your data and digital assets are adequately protected by completing your annual Data Security and Protection Toolkit assessment. This self-audit of compliance with the 10 Data Security Standards is mandatory to complete by the end of March 2019, but completing it early will enable health and adult social care providers to more quickly identify and address any vulnerabilities.
- Await further guidance, which will be issued to health and care providers in due course. Assistance will also be available through webinars in early 2019.

## ***Finance***

- Record costs (both revenue and capital) incurred in complying with this guidance. Costs with a direct financial impact should be recorded separately to opportunity costs. Providers should discuss these costs with their regional NHS EU Exit support team. Feedback from providers will inform decisions on whether further guidance on cost collection is required.

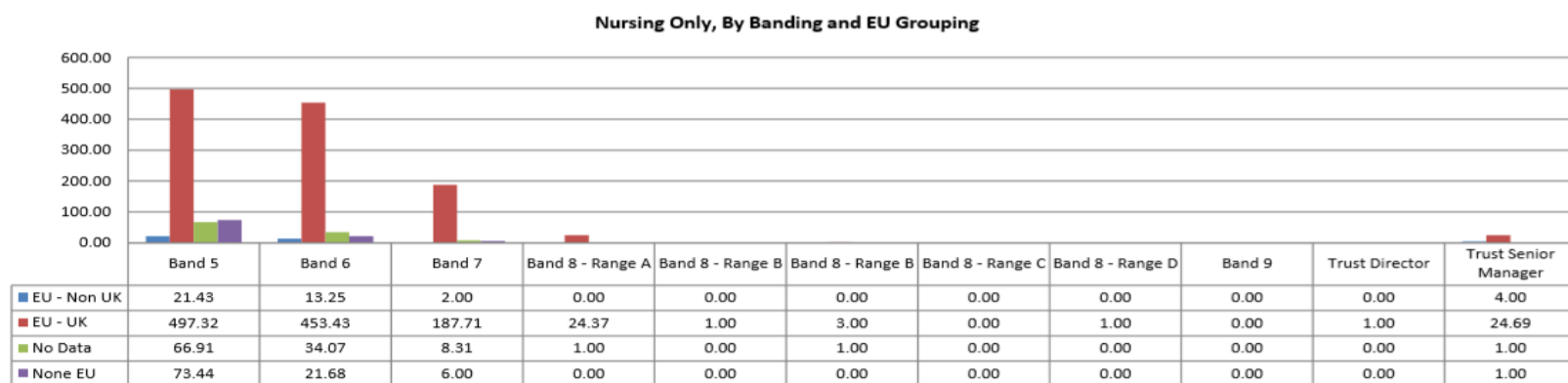
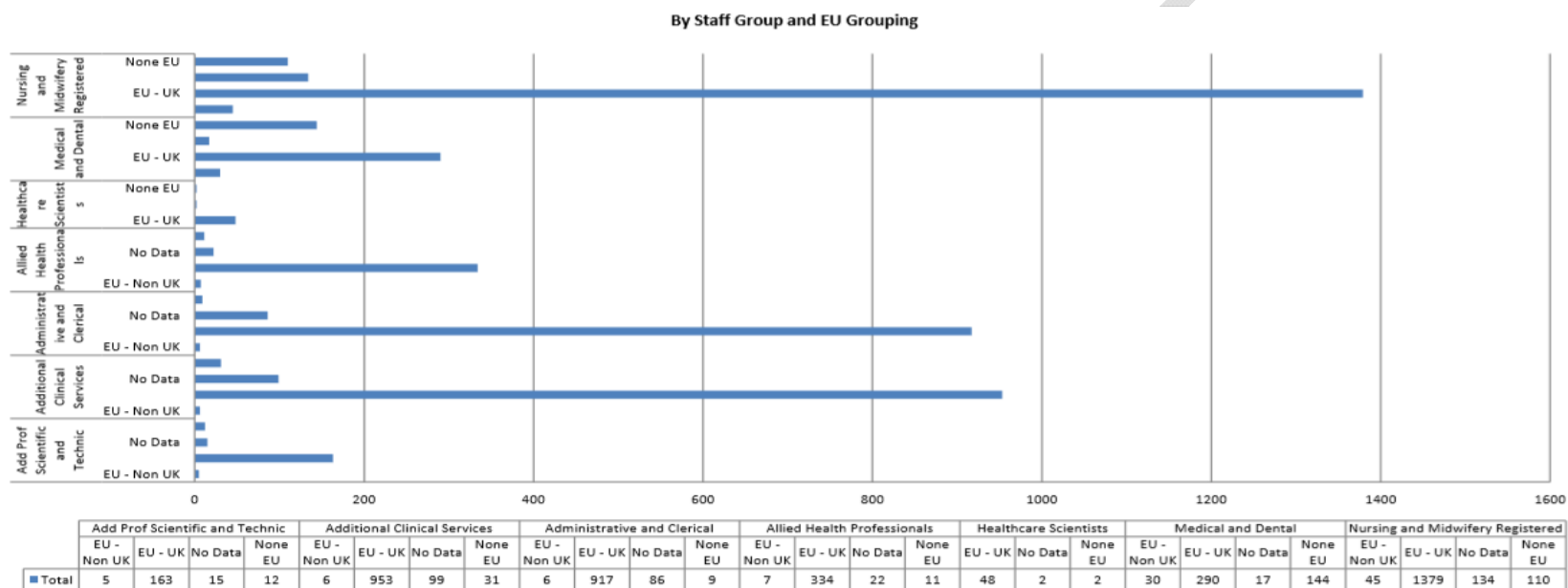


## Annex C Procurement identified suppliers at risk from EU exit

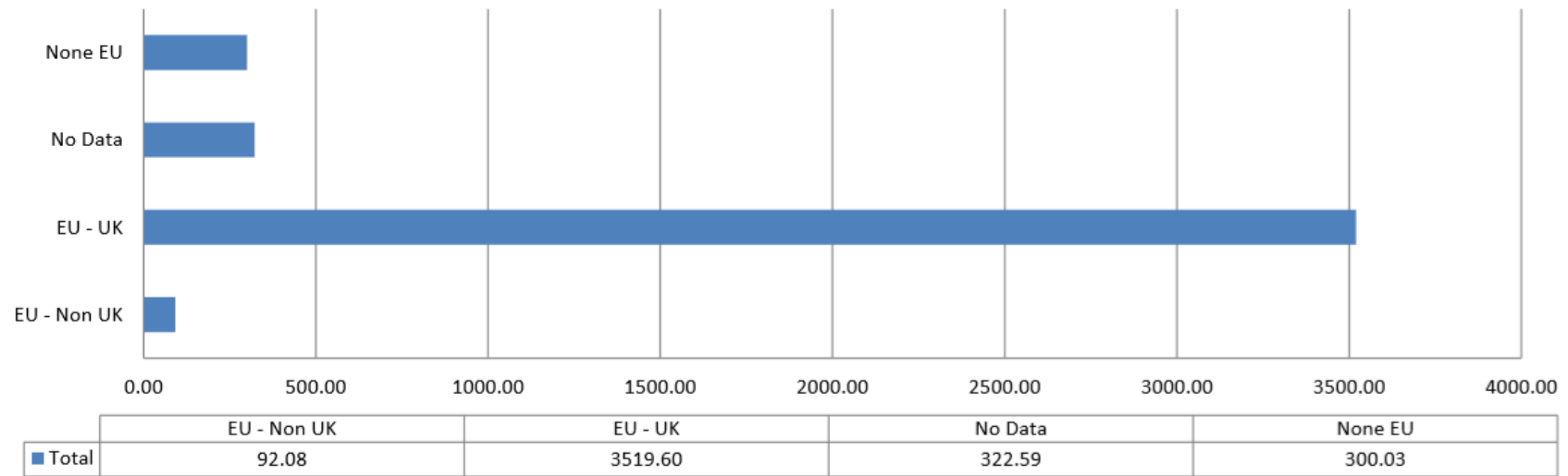
| Supplier         | Responses from Companies to Letter Annex F  |
|------------------|---|
| Zimmer Biomet    | <p>Q1) In the unlikely event of a No-Deal BREXIT we are in a position to divert large volumes of inventory to our local warehouse where we have the space to store 3 weeks minimum stock holding against national sales on all products that are actively sold in the UK. This will give us the capacity to allow for any delays in clearing customs.</p> <p>Q2) We supply a vast amount of products which are manufactured all over the globe including the UK.</p> <p>Q3) Zimmer Biomet distributes products directly to customers both from the European DC in Holland and a local warehouse in Bridgend, Wales. Currently we use Fed-Ex to ship parcels into the UK and clear customs. Fed-ex have a rapid customs clearance system and are themselves working on contingency plans surrounding BREXIT. They will be sharing those plans with us imminently and when they do we will likewise share with our customers.</p> <p>We are however confident at this time that there will be a positive resolution to BREXIT and if any issues or constraints are to materialise then, alongside the contingency measure detailed above, Fed-Ex are a significantly large enough company to be able to work around those constraints quickly and efficiently. This means we are not expecting any supply issues on any key product ranges due to BREXIT.</p> <p>Q4) No or minimal change</p> <p>Q5) No or minimal change</p> <p>Q6) No or minimal change</p> <p>Q7) No or minimal change</p> |
| Word 360         | <p>Q1) It has been hard for us to speculate as to the effect of any deal as most of our interpreters are also uncertain. However, we noticed that less people are going into the interpreting profession meaning that the network of interpreters appears to be shrinking.</p> <p>Q2) N/A</p> <p>Q3) N/A</p> <p>Q4) N/A</p> <p>Q5) Yes – the cost of translations will be affected.</p> <p>Q6) No – our data is stored in the UK</p> <p>Q7) Yes – most definitely</p>   |
| Hart Biologicals | <p>While the current uncertainty exists because of the lack of an agreement between the UK and the EU or the availability of formal information from any part of government as to what the likely outcome will be, we like many other companies are taking adequate steps to ensure that our supply chains are uninterrupted by the exit process and our ability to supply product to our customers is not compromised.</p>   |
| Bioventus        | <p>Q1) Minimal impact expected – we are familiar with shipping into and out of EU. We are also in the process of setting up a satellite warehouse in UK to facilitate local shipping.</p> <p>Q2) Exogen is made in USA &amp; Durolane is made in Sweden. Both currently sent to centralized warehouse in south Netherlands. We are also in the process of setting up a satellite warehouse in UK to facilitate local shipping.</p> <p>Q3) Minimal impact expected – we are familiar with shipping into and</p>  |

|                |  |
|----------------|--|
|                | <p>out of EU. We are also in the process of setting up a satellite warehouse in UK to facilitate local shipping.</p> <p>Q4) It is possible – we would need to see the tariffs in place before making a decision on any changes needed.</p> <p>Some customers are ordering 4-10 units as buffer stock as a precautionary measure.</p> <p>Q5) It is possible – however until any impact on the exchange rate is seen, we are unable to make a firm commitment. The Trust will be notified in advance of any changes which may be necessary.</p> <p>Some customers are ordering 4-10 units as buffer stock as a precautionary measure.</p> <p>Q6) We could also store in USA</p> <p>Q7) No</p>  |
| Genomic Health | <p>Q1) While much remains unknown about the conditions of Brexit, Genomic Health does not now foresee any direct effect on the performance of the Oncotype DX® test. The test is performed in a centralised laboratory located in California, and thus involves no flow of product across the future UK-EU border. We understand moreover that government are working to replace EU-based international aviation agreements with the US by bilateral UK-US arrangements before Brexit. Because the test does require sending a tumour block to the US via FedEx, however, a generalised air transport disruption following a 'no deal' Brexit could affect turnaround times for test results. We will of course monitor technical notices issued by government and do everything we can to avoid or minimise any effect on patients.</p> <p>Q2) United States of America.</p> <p>Q3) Government's technical notices do not mention any change in conditions of trade between the UK and the United States as a result of Brexit, and we are not otherwise aware of any. We thus do not now foresee any direct effect. Spillover effects from a general disruption of air transport and customs following a 'no deal' withdrawal could, however, affect test turnaround times.</p> <p>Q4) No</p> <p>Q5) Genomic Health does not currently plan to raise its prices for the devaluation of sterling.</p> <p>Q6) Yes, the service would theoretically be affected, as GH UK's ordering portal is hosted in France by a service provider accredited by the French health information security agency specifically for the secure hosting of health data. Current guidance from Government states, however, that 'in recognition of the unprecedented degree of alignment between the UK and EU's data protection regimes, the UK would at the point of exit continue to allow the free flow of personal data from the UK to the EU.' On this basis, we do not see an effect on our services from our data-hosting location. Genomic Health will monitor the situation and expects to be able to work around difficulties posed by any announcement from the ICO that transfer of UK personal data to the EU is no longer permitted.</p> <p>Q7) No, we do not expect any effect from EU citizens' loss of free movement rights to the UK, or British citizens' loss of the reciprocal rights.</p> |

## Annex D Staffing numbers affected by no deal EU exit



Trust – By EU Grouping



## Annex E Key Contacts

### Trust

| Area                            | Primary Contact  | Secondary Contact  |
|---------------------------------|--|--|
| Senior Responsible officer      | <a href="mailto:Karen.kelly11@nhs.net">Karen.kelly11@nhs.net</a>   | <a href="mailto:christopherleach@nhs.net">christopherleach@nhs.net</a>                     |
| Procurement                     | <a href="mailto:paul.mellor1@nhs.net">paul.mellor1@nhs.net</a>   |  |
| Pharmacy                        | <a href="mailto:emma.suggett@nhs.net">emma.suggett@nhs.net</a>   | <a href="mailto:jane.elvidge@nhs.net">jane.elvidge@nhs.net</a>                             |
| Medical devices                 | <a href="mailto:neal.shaw@nhs.net">neal.shaw@nhs.net</a>   |  |
| Interserve and support services | <a href="mailto:Darren.lowe2@nhs.net">Darren.lowe2@nhs.net</a>   | <a href="mailto:alan.walker@summithealthcare.co.uk">alan.walker@summithealthcare.co.uk</a> |
| Blood Services                  | <a href="mailto:gregorybarber@nhs.net">gregorybarber@nhs.net</a>   | <a href="mailto:craig.taylor@nhs.net">craig.taylor@nhs.net</a>                             |
| Workforce                       | <a href="mailto:dawn.porter1@nhs.net">dawn.porter1@nhs.net</a>   |  |
| IT (Terraforma)                 | <a href="mailto:sarah.ellis9@nhs.net">sarah.ellis9@nhs.net</a>   | <a href="mailto:adam.thomas1@nhs.net">adam.thomas1@nhs.net</a>                             |
| Fuel supplies                   | <a href="mailto:christopherleach@nhs.net">christopherleach@nhs.net</a><br><a href="mailto:Darren.lowe2@nhs.net">Darren.lowe2@nhs.net</a> |  |
| Research and Clinical trials    | <a href="mailto:claire.phillips8@nhs.net">claire.phillips8@nhs.net</a>   |  |
| Potential increases in demand   | <a href="mailto:gerry.fogarty@nhs.net">gerry.fogarty@nhs.net</a>   |  |
| Finance                         | <a href="mailto:chris.walker1@nhs.net">chris.walker1@nhs.net</a>   |  |
| Governance                      | <a href="mailto:Sharonwilliams2@nhs.net">Sharonwilliams2@nhs.net</a>   |  |

### Regional and National

| Contact Type  | Details  |
|---|--|
| Midlands region EU Exit lead                                    | <a href="mailto:England.mids-euexit@nhs.net">England.mids-euexit@nhs.net</a>                 |
| Medical devices and clinical consumables                        | <a href="mailto:mdcccontingencyplanning@dhsc.gov.uk">mdcccontingencyplanning@dhsc.gov.uk</a> |
| Self-assessment on non-clinical consumables, goods and services | <a href="mailto:contractreview@dhsc.gov.uk">contractreview@dhsc.gov.uk</a>                   |
| Workforce issues  | <a href="mailto:WorkforceEUExit@dhsc.gov.uk">WorkforceEUExit@dhsc.gov.uk</a>                 |
| Third Health Programme grants                                   | <a href="mailto:EU-Health-Programme@dhsc.gov.uk">EU-Health-Programme@dhsc.gov.uk</a>         |
| Horizon 2020 grants   | <a href="mailto:EUGrantsFunding@ukri.org">EUGrantsFunding@ukri.org</a>                       |
| IMPs or clinical devices  | <a href="mailto:imp@dhsc.gov.uk">imp@dhsc.gov.uk</a>   |

Annex F Procurement Suppliers Letter



The Dudley Group  
NHS Foundation Trust

Procurement Department  
Russells Hall Hospital  
Dudley  
West Midlands  
DY1 2HQ

Dear Sir/Madam,

As your company is a key supplier to the Trust, we would welcome your input into the effect of a No-Deal EU Exit on the continued supply of goods and services, in order that we can collectively develop mitigation plans where appropriate.

To clarify, the definition of a No-Deal Brexit is defined at Annex A.

This request is intended to gather some outline information on the areas that may be affected. A detailed response is not required at this time and therefore I would appreciate your support in getting a response back by Friday **23<sup>rd</sup> November**.

Not all questions will be relevant to your organisation but please complete those that are.

*Q1) Do you feel that a no-deal Brexit would have a significant impact on your organisations ability to deliver the current goods / services to the Trust? Please explain below.*

*Q2) What is the Country of Origin of the products or services delivered to the Trust?*

*Q3) Would the service offered by your company be affected by a change in customs arrangements for delivery through UK ports?*

*Q4) Notwithstanding existing pricing arrangements, could the pricing offered to the Trust be affected by a change in customs tariffs between the UK and EU countries?*

*Q5) Notwithstanding existing pricing arrangements, would the pricing offered to the Trust be affected by a fluctuation in the value of sterling?*

*Q6) Would your organisations service be affected by the inability to store data in the EU?*

*Q7) Would the service provided be affected by a more restrictive immigration regime with the EU?*

Your support in identifying risks related to a No-Deal EU Exit would be greatly appreciated and I am happy to discuss these points further by request.

Yours sincerely

Paul Mellor  
Assistant Director of Procurement

## **Annex A**

### **'No Deal' EU Exit Scenario**

*This is a 'scenario' developed at a point in time. It does not represent the actual scenario which is unknown.*

The UK leaves the EU on 29 March 2019 with no withdrawal and transition agreement, and no deal on the future relationship. This would have the following impacts:

#### **Borders**

- The EU would be likely to apply third country physical checks and border procedures to items entering the EU from the UK
- This would lead to delays at borders that could disrupt and reduce the normal flow of items in and out of the UK from the EU

#### **Regulation**

- It is anticipated that **regulatory changes** could ensue under the 'No Deal' scenario
- Some regulations are expected to be transferred into English law, thereby minimising the potential impacts as far as possible

#### **Supplier preparedness**

- Suppliers will face the impacts of additional customs requirements and potential broader economic factors under this scenario
  - Supplier financial stability and resilience will depend upon their preparedness for new customs checks and their willingness to withstand short-term disruption
- Smaller / SME providers may be most vulnerable to these impacts, and could withdraw from the market

#### **Broader Economic environment**

- Fluctuations may be seen in £ values, affecting pricing and affordability of products
- Additional financial factors may be seen in the application of customs tariffs and VAT implications



## Official

### Annex G Email to staff re. Pharmacy actions

#### FAO All Clinical Staff:

Following national and regional advice from DHSC and NHSI we would be grateful if in the coming weeks you would follow the advice below to avoid medicines shortages and ensure equity of access to medicines for all our patients at Dudley Group of Hospitals:

- Please **do NOT stockpile** additional medicines above usual stock levels. Local stockpiling is unnecessary and could cause shortages in other areas, which may put patient care at risk.
- There is no need for clinicians to write longer prescriptions.
- If asked, clinicians should reassure patients and advise that there is no need to store additional medicines at home (the Government is working with industry to ensure a continued supply of medicines from the moment we leave the EU)

## **Annex H     Hologic Assurance**

### ***Hologic customers:***

Hologic deeply values our customer relationships and we strive to work in closer partnership with you. One of the immediate issues facing all European supply chains is Brexit and its impact on the ongoing supply of products, both in the U.K. and the rest of Europe. Like many other companies, in the absence of a definitive agreement between the U.K. government and the EU, Hologic has been planning for a 'Hard Brexit' outcome which could mean new tariffs and potential extra customs clearance delays between the U.K. and the rest of the EU27 countries. The Hologic team have joined several multi industry groups to ensure that our approach is both well planned and consistent to ensure ongoing supply through this potentially difficult period. Here is a summary of our preparations:

### ***Customer Service***

Hologic already has a dedicated U.K. Customer Service team based in the Manchester U.K. facility with an in depth knowledge of all U.K. customers. This team will continue to support all U.K. customers through the Brexit transition.

### ***Manufacturing***

Hologic is in the fortunate position from a Brexit standpoint that we do not manufacture any of our main product lines in EU27 countries requiring import of products from the EU27 into the U.K. Our main manufacturing locations are in the U.S. (All Divisions) , Costa Rica (Surgical products) and Manchester U.K. (Diagnostic products). The main implication of this network is that our supply chain operation can continue without fundamental changes being required for a Hard Brexit. We are taking additional steps to ensure that the supplier base for our Manchester U.K. operations have prepared for a Hard Brexit outcome.

### ***Warehousing and Distribution***

Hologic already has significant warehousing operations in Gent, Belgium and Milton Keynes, U.K. With the manufacturing base previously described this means that supply chain operations can be effectively segregated between the U.K. and the EU27 in the event of a Hard Brexit. U. K. customers will continue to receive products manufactured in

## Official

the U.S., Costa Rica or Manchester which have been stored and distributed from Milton Keynes. EU27 customers will continue to be supplied products from Gent.

There are two main areas where Hologic is making extra preparations to minimize the impact of a Hard Brexit:

1. Diagnostic products manufactured in Manchester and supplied to EU27 countries. Twelve weeks forward stock will be built in Gent ahead of March 29th 2019 to mitigate the risk of delays shipping products between the U.K and the EU27 countries after a Hard Brexit until ongoing trading relationships are established and stabilized.
2. Spare parts to repair critical instrument breakdowns. At present some parts are sourced from Gent to repair machines in the U.K. We will change this so that all critical parts will be held in the U.K. to repair critical instrument breakdowns ahead of March 29th 2019 so that the current repair service offered by Hologic is uninterrupted.

Hologic will continue to work closely with you to ensure that there are no supply chain interruptions associated with a Hard Brexit.

Please feel free to contact me directly with any further questions that you have:

***Best regards***

***Mark Ewing***  
***Supply Chain Director – International***  
***Hologic***

Annex I Post Exercise Report 1st February 2019



# Exercise Brexit held 1<sup>st</sup> February 2019



| Document control |            |           |                   |              |
|------------------|------------|-----------|-------------------|--------------|
| Version:         | Date:      | Revision: | Author:           | Approved by: |
| 1.0              | 01/02/2019 | 1         | Christopher Leach |              |

## **1.0 Summary**

The NHS Act 2006 (as amended) requires NHS England to ensure that the NHS is properly prepared to deal with an emergency. CCGs, as local system leaders, should assure themselves and their commissioned providers are compliant with relevant guidance and standards and they are ready to assist NHS England in coordinating the NHS response.

(NHS England Emergency Preparedness, Resilience and Response Framework, 2015)

As part of the trusts resilience strategy it is necessary for us to prepare for incidents actual and perceived. On the 29 March, 2017 the UK triggered Article 50 of the Lisbon Treaty as part of our preparations to leave the European Union, this means the UK is scheduled to leave at 11pm on Friday, 29 March 2019. This date could originally be extended if all 28 EU members agree, however a ruling in the International courts now means the UK can decide to extend or pull out of the exit without this level of agreement, The prime minister has also added this date and details in UK law.

## **2.0 Introduction**

On the 1st February 2019 a table top exercise was held at Russell's Hall Hospital to explore the potential impacts of a no deal EU exit and to discuss required steps forward to develop trust resilience in anticipation of this potentially highly disruptive event.

## **3.0 Format of the Exercise**

Table top exercise with general discussion and plenary session

## **4.0 Exercise Feedback**

### ***Pharmacy***

- Pharmacy indicated they have done an impact assessment of the potential impacts on Brexit and identified a potential risk of suppliers withholding supplies to ensure their own resilience, this could lead to a potential impact on reduced supplies prior to the Brexit date of the 29<sup>th</sup> March 2019
- There is a predicted cost increase anticipated with Pharmacy products due to increased costs of import from the EU
- Pharmacy indicated the potential need to contact suppliers direct and request information on whether they are considering alternate suppliers outside of the EU
- Have requested executive support with messages to clinician around over prescribing of medications, also for a process to be developed to ensure that this is challenged should it occur

### ***Medical Devices***

## Official

- Indicated that spare and equipment purchased within the EU should be identified by the work being undertaken by procurement both nationally and locally
- They indicated that Siemens the largest supplier of equipment within Radiology are considering their own resilience and stockpiling spares as the majority of equipment is purchased within the US and Germany
- Wider medical devices are anticipated to have a lower impact due to a large number of alternate suppliers within the UK

### ***Procurement***

- Indicated that over 1000 suppliers are being looked at nationally by NHS supply to chain to ensure resilience
- Communications from this work stream have been very positive and informative of the progress being made
- Procurement have then considered suppliers that are procured locally they have identified 10 of concern and are working with those companies to better develop assurance around preparedness for Brexit

### ***Primary Care and Commissioning***

- Concerns were raised by the group of the preparation of the Local Health economy specifically around GPs and Primary Care provision as this may result in a surge into Dudley Group if not managed effectively
- Also need to ensure consistent messages are being sent across the Local Pharmacies around actions they need to take
- It was also identified that some Local Pharmacies do not come under the CCG umbrella and will need to be considered as a surge risk

### ***FM Summit and Interserve***

- Summit were asked to provide assurance that Interserve are prepared for a no deal EU exit, whilst work is ongoing there are no declarations from the company that they are prepared for a no deal EU exit
- The impact of this could be wide ranging if facilities are unable to source spares or equipment that they may require to maintain the site
- There was also a request for an impact assessment of the no deal EU exit on Interserve staffing levels
- This includes Soft FM services as well as catering provision to the trust

### ***Medicine/Surgery and Clinical Support Services Divisions***

- Due to the potential implications from a no deal EU exit it is difficult to guarantee that all services will be able to provide full services to patients, it has been identified that services may need to be prioritised with potential need to cancel procedures and services that can be cancelled to ensure that critical services are maintained, this would involve consideration of the identified potential impact areas (Pharmacy, Medical devices, procurement etc.)

***Surge and Escalation***

- Due to the risks identified above it is anticipated that there would be a potential surge into the Acute trust due to lack of pharmacy and GP provision, these patient may be acutely unwell leading to pressure on specialist services

***Laboratory and Blood bank***

- There are identified implications for the laboratory and blood bank through potential reductions in available equipment i.e. blood tubes for testing
- Blood stocks were identified as resilient initially as they are widely procured from within the UK however there may be future issues dependant on the impacts to imports into the UK

***IT Services***

- IT is internally hosted so impacts anticipated to be felt will be minimal
- Impacts may be felt on externally supported services such as IT support if they are hosted in the EU, IT are validating the contractor support from the EU and will provide feedback

***Clinical Research***

- Clinical Research have contacted sponsors to ensure resilience for studies, it was highlighted that dependant on the impacts to other suppliers there may be limited provision to support patients on a research pathway

***Radiology***

- Requested further assurance on Radioactive isotopes from the suppliers at Sandwell Hospital
- Identified that if equipment cannot be maintained by Siemens there would be an impact on service provision that may lead to a surge



## Official

### 5.0 Recommendations

| Number | Recommendation  | Who responsible?   | Progress |
|--------|---|--|----------|
| 1      | Process to be developed along with communications to prevent over-prescribing by clinicians, to include a challenge process   | Emergency Planning with Medical Directors office             |          |
| 2      | Medical Devices to identify a list of alternate suppliers within the UK   | Medical Devices and Procurement                              |          |
| 3      | Procurement to indicate of those 10 of concern suppliers what impacts would be felt and by who so plans can be developed  | Procurement  |          |
| 4      | CCG to provide assurance that primary care are prepared for a no deal EU exit to prevent a surge into the acute trust   | Operations/CCG/NHSI  |          |
| 5      | CCG to provide assurance that community pharmacies and GPs are sending consistent messages re. actions in a no deal EU exit   | Operations/CCG/NHSI  |          |
| 6      | Summit to provide assurance that Interserve are adequately prepared for a no deal EU exit and what their plan is for prioritisation of services if required, and staffing levels                                      | Summit   |          |
| 7      | Surgery, Medicine and Clinical Support Services division to assess services and provide a prioritisation plan specific to the No Deal EU exit scenario that can be activated in a phased or full approach as required | Medicine/Surgery and CSS divisions                           |          |
| 8      | Develop surge and escalation planning to consider impacts of increased numbers of acutely unwell patients and general surges  | Medicine/Surgery and CSS divisions with Site Operations Team |          |
| 9      | Laboratory/Blood Bank to explore if any alternate ways of working could be deployed to ensure testing is able to continue in a disruptive scenario  | Lab/Blood Bank   |          |
| 10     | IT to provide feedback on contractor support to the trust and actions required if there is negative assurance felt  | IT   |          |
| 11     | Procurement and IT to work on alternate suppliers list  | IT and Procurement   |          |
| 12     | Clinical Research, Labs and Pharmacy to look at support required for patients on a research pathway and how this could be provided post Brexit  | Clinical Research, Labs and Pharmacy                         |          |
| 13     | Assurance to be provided on those on Information Asset Database to ensure they are not going to be affected by a no deal EU Exit  | Information Asset management                                 |          |

## Official

|    |   |         |  |
|----|---|---------|--|
| 14 | Once potential prioritisation list determined for services a cost report to be generated indicating potential costs to the trust from a no deal EU exit | Finance |  |
| 15 | Each area to ensure they have processes in place to map additional costs to their areas directly from a no deal EU exit                                 | All     |  |

### 6.0 Next Steps

Each area will be requested to complete actions as indicated in Section 5.0 along with assurance that they have considered all impacts and potential impacts of a no deal EU exit.

A retest to be scheduled in March 2019 with focus on testing prioritisation plans

## Strategy Consultation Form

(This page to be deleted from the document prior to adding to HUB Trust Central document page)

Please ensure that you receive either a confirmation or comments from a stakeholder (via an email) before you add their details to the consultation section on the procedural document

During the development or review of the Strategy, consideration must be given to the actual or potential impact on equality. Due care is given to ensure that they do not contravene the article of the Human Rights Act or could be interpreted as containing any matters of a discriminatory nature, including but not limited to age, disability, sex, race, religion or belief, gender reassignment, marriage or civil partnership, pregnancy or maternity.

| <b>What is the title of the document:</b>   |             |                                    |
|---|-------------|------------------------------------|
| EU EXIT Resilience Strategy   |             |                                    |
| <b>Date of Submission:</b>  |             | <b>Author</b><br>Christopher Leach |
| <b>Is there a similar/same document already in existence? Please state which document this will replace.</b><br>If the document has a <b>different title</b> or has been <b>merged with another document</b> , please provide details of relevant documents.  |             |                                    |
| None  |             |                                    |
| <b>Please detail under which folder on the Procedural Documents Hub Page that the document is to be stored. Procedural documents can only be stored on the central procedural documents page. If you require the document link to be stored on another page outside of this, please contact IT and ask them to put a link on.</b> |             |                                    |
| Emergency Planning hub page   |             |                                    |
| <b>Consultation: Please list the stakeholders who have been consulted in the development of this document and the date they confirmed agreement of its content. This is any member of staff/groups who will be part of or affected by this. If this was a group please list attendees:</b>  |             |                                    |
| Name  | Designation | Date confirmed agreement (mm/yy)   |
|   |             |                                    |
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## Check List

(This page to be deleted from the document prior to adding to HUB Trust Central document page)

*Prior to submission of the Strategy please ensure you can answer yes to all of the questions below.*

|   | Yes/No |
|---|--------|
| <b>1. Title</b>   |        |
| Is the title clear and unambiguous?   | Y      |
| <b>2. Front Sheet Completion</b>  |        |
| Is the colour banding strip purple?   | Y      |
| Is the Author identified (name and designation)?  | Y      |
| Is the Director Lead identified?  | Y      |
| Is the target audience identified?  | Y      |
| Is the document version controlled?   | Y      |
| Have the people contributing to the document been identified on the Front cover Sheet as per designation and not individual names?  | Y      |
| Have the CQC registration requirement outcomes been recorded?   | Y      |
| Have relevant documents/legislation standards been recorded if applicable?  | Y      |
| Have the identified contributors been documented?   | Y      |
| Has the change history been fully completed?  | Y      |
| <b>3. Body of the document</b>  |        |
| Has the contents page been fully completed and the numbering reflects the document content pages?   | Y      |
| Is there a footer on each page recording; document title, date of issue, version number, page number and total number of pages?   | Y      |
| Is the document written in Arial 12pt font?   | Y      |
| Does the document contain individual designations and NOT names?  | Y      |
| Does the numbering run in sequence?   | Y      |
| Does the document follow trust format of; Introduction, Statement of Intent/Purpose, Definitions, Process, Training/Support, Monitoring, Equality and References for the main body? | Y      |
| The meaning for any definitions or abbreviations used is clearly stated?  | Y      |
| Is there identified training or support which includes the process for follow up of non-compliance clearly cited?   | Y      |
| Are procedural documents relating/supporting this document hyperlinked?   | Y      |
| Is the table for Monitoring Compliance fully completed?   | Y      |
| Are references cited in full and comply with the Harvard referencing?   | Y      |
| Does the document require changes to clinical documentation?  | Y      |
| If yes, has the digital Trust Clinical Approvals Group been informed?   | Y      |
| <b>4. Consultation</b>  |        |
| Is the consultation form completed?   | Y      |
| If the document includes prescribing or administering of medicines, has pharmacy been   | Y      |

|   |   |
|---|---|
| consulted?  |   |
| Has the Director Lead been consulted and accepted the document? | Y |

Version 1.5

**Paper for submission to the Board of Director on 7 February 2019**

|   |   |  |   |
|---|---|--|---|
| <b>TITLE:</b>   | <b>Audit Committee Summary Report to the Board</b>                          |  |   |
| <b>AUTHOR:</b>  | Richard Miner – Committee Chair   | <b>PRESENTER:</b>  | Richard Miner – Committee Chair   |
| <b>CLINICAL STRATEGIC AIMS</b>  |   |  |   |
| <i>Develop integrated care provided locally to enable people to stay at home or be treated as close to home as possible.</i>  |   | <i>Strengthen hospital-based care to ensure high quality hospital services provided in the most effective and efficient way.</i> | <i>Provide specialist services to patients from the Black Country and further afield.</i> |
| <b>ACTION REQUIRED OF BOARD :</b>   |   |  |   |
| <b>Decision</b>   | <b>Approval</b>   | <b>Discussion</b>  | <b>Other</b>  |
|   |   | <b>Y</b>   | <b>Y</b>  |
| <b>OVERALL ASSURANCE LEVEL</b>  |   |  |   |
| <b>Significant Assurance</b>  | <b>Acceptable Assurance</b>   | <b>Partial Assurance</b>   | <b>No Assurance</b>   |
| High level of confidence in delivery of existing mechanisms / objectives  | X<br><br>General confidence in delivery of existing mechanisms / objectives | Some confidence in delivery of existing mechanisms / objectives, some areas of concern   | No confidence in delivery   |
| <b>RECOMMENDATIONS FOR THE BOARD:</b>   |   |  |   |
| To note the assurances received via the Committee, the decision taken in accordance with the Committee's terms of reference and action any items referred to the Board.   |   |  |   |
| <b>CORPORATE OBJECTIVE:</b>   |   |  |   |
| All   |   |  |   |
| <b>SUMMARY OF KEY ISSUES:</b>   |   |  |   |
| The attached provides a summary of the assurances received at meeting, the decisions taken, the tracking of action for subsequent meetings of this Committee and the action the Committee is seeking the Board to take. |   |  |   |

| IMPLICATIONS OF PAPER:                     |                     |                                   |
|--|---------------------|-----------------------------------|
| RISK                                       | N                   | Risk Description:                 |
|  | Risk Register:<br>N | Risk Score:                       |
| COMPLIANCE<br>and/or<br>LEGAL REQUIREMENTS | CQC            Y    | Details: Links to all domains     |
|  | NHSI           Y    | Details: Links to good governance |
|  | Other           N   | Details:                          |



## Committee / Group highlights report to Board / Committee

|  | Meeting Date | Chair         | Quorate |    |
|--|--------------|---------------|---------|----|
| Audit Committee  | 21/01/2019   | Richard Miner | yes     | no |
|  |              |               | x       |    |
| Declarations of Interest Made  |              |               |         |    |
| None   |              |               |         |    |
| Assurances Received  |              |               |         |    |
| <p>That the BAF and Corporate Risk Register, and particularly following the Board Workshop on 11 December, is taking greater priority in Board committee meetings and is developing into a more effective tool to identify, manage and mitigate risk. The development changes to the BAF, including the movement from the BAF to the Corporate Risk Register were noted.</p> <p>In respect of completed internal audit reports</p> <ul style="list-style-type: none"><li>▪ Cash receipting and treasury management – Substantial Assurance</li><li>▪ Creditor payments - Substantial Assurance</li><li>▪ Safeguarding children – Partial Assurance</li></ul> <p>The IA programme will be completed by the end of the financial year to enable the Head of Internal Audit to deliver his report.</p> <p>126 out of 142 Internal Audit recommendations have been closed but 13 remain open (including overdue items) and 3 are pending. There is continued pressure and the Audit Committee were assured that, as a result of the CEO attendance at the Committee, a detailed review and clearance is expected to result by the next meeting.</p> <p>Progress against the 2018/19 counter fraud plan and that objectives are being met.</p> <p>The positive progress in the Q3 Quality Improvement and Outcomes Report (clinical audits) which now reflects a greater level of clinical input and leadership.</p> <p>That losses and special payments continue to be managed down (Q3 being the best yet) and remain within acceptable parameters.</p> |              |               |         |    |
| Decisions made/Items approved  |              |               |         |    |
| <ul style="list-style-type: none"><li>▪ Approved the external audit plan which also includes the value for money arrangement and Quality Account, noting the various risks highlighted, subject to a recommendation from the Executive team on the level of fees to be charged. The MEA valuation is one of the Trust’s judgments which will be examined. It was agreed that the Audit Chair, as in previous years, would write to PwC setting out the Trust’s approach to fraud.</li><li>▪ Approved revisions to the 2018/19 Internal Audit Plan which will see 4 audits being deferred to 2019/20, noting the further scoping currently taking place with regard to Data Quality.</li><li>▪ Approved the Audit Committee Business Cycle for 2019/20 subject to minor amendment.</li><li>▪ Approved the 2018/19 Accounting Policies, noting that changes, particularly with regard to IFRS15 (Revenue Recognition) are unlikely to have a material impact. Also approved the segmental analysis used in the Trust’s reporting, which is unchanged from last year.</li></ul>   |              |               |         |    |

| <b>Actions to come back to Committee / Group (Items Committee / Group keeping an eye on)</b>   |
|--|
| <ul style="list-style-type: none"> <li>▪ The overdue Internal Audit recommendations which will come back to the March Committee.</li> <li>▪ External audit fee proposals for 2018/19 in the light of risk based potential changes to the External Audit Plan.</li> <li>▪ Performance issues around the CIP process which needs to be more robust.</li> </ul> |
| <b>Items referred to the Board / Parent Committee for decision or action</b>   |
| <ul style="list-style-type: none"> <li>▪ Issues arising from Internal Audit reports</li> <li>▪ Closure of Internal Audit recommendations</li> </ul>  |



**Paper for submission to the Trust Board on February 2019**

|  |  |   |   |
|--|--|---|---|
| <b>TITLE:</b>  | <b>Digital Trust Programme Committee Update</b>  |   |   |
| <b>AUTHOR:</b>   | <b>Mark Stanton CIO</b>  | <b>PRESENTER</b>  | <b>Mark Stanton CIO</b>                               |
| <b>CLINICAL STRATEGIC AIMS</b>   |  |   |   |
| <i>Develop integrated care provided locally to enable people to stay at home or be treated as close to home as possible.</i>   | <i>Strengthen hospital-based care to ensure high quality hospital services provided in the most effective and efficient way.</i> | <i>Provide specialist services to patients from the Black Country and further afield.</i>                                     |   |
| <b>ACTION REQUIRED OF THE BOARD</b>  |  |   |   |
| <b>Decision</b>  | <b>Approval</b>  | <b>Discussion</b>   | <b>Other</b>  |
|  |  | Y   |   |
| <b>OVERALL ASSURANCE LEVEL</b>   |  |   |   |
| <b>Significant Assurance</b>   | <b>Acceptable Assurance</b>  | <b>Partial Assurance</b>  | <b>No Assurance</b>                                   |
| <input type="checkbox"/><br>High level of confidence in delivery of existing mechanisms / objectives   | <input type="checkbox"/><br>General confidence in delivery of existing mechanisms / objectives                                   | <input checked="" type="checkbox"/><br>Some confidence in delivery of existing mechanisms / objectives, some areas of concern | <input type="checkbox"/><br>No confidence in delivery |
| <b>RECOMMENDATIONS FOR THE BOARD</b>   |  |   |   |
| <ul style="list-style-type: none"> <li>Note the ongoing progress of the Sunrise programme, but also note the potential risks associated with management bandwidth problems.</li> </ul>   |  |   |   |
| <b>CORPORATE OBJECTIVE:</b>  |  |   |   |
| SO5: Make the best use of what we have<br>SO6: Deliver a viable future   |  |   |   |
| <b>SUMMARY OF KEY ISSUES:</b>  |  |   |   |
| <p><b><u>Digital Trust Programme Deliverables</u></b></p> <p>The programme is still forecast to deliver to the original budget with completion in 19/20, however the phasing is being realigned to resources to balance support and delivery activity:</p> <p>ED – February 2019<br/>           Orders Results Management – February 2019<br/>           eObs enhancements – January 2019<br/>           ePMA - Q1 2019/2020</p> |  |   |   |

Theatres – Q2 19/20 (TBC)  
Maternity – Q2 19/20 (TBC)

### **Cyber Security**

The Trust is mandated by NHS Digital to be compliant with Cyber essentials + (CE+) but June 2021. A strategy will be presented to the Trust board in 2019 which supports this along with an investment plan in Q3 2019/2020.

### **Population Health Business Case**

The Population Health Business Case was approved at the previous Digital Trust Programme Committee, and the recommendation was presented to the Trust board. However, subsequent to the previous DTPC meeting, the business case has come back under review; whilst the capital award (£1.4M) from the STP will cover the cost of the project, Finance have flagged concerns over affordability in terms of depreciation in future years. This is with Executive Directors to resolve. A report regarding the status of this business case will be presented to the next DTPC meeting to keep the team informed. The STP award has now potentially increased to £1.9M however discussions are still ongoing with the CCG to ensure that revenue commitments in subsequent years are in line with the Trust Budget position.

### **PC Rollout**

The rollout of 500 PC's running Windows 10 has commenced and will take around 8 weeks. These units will replace legacy equipment in Both inpatients and outpatients' areas. Additional phases will commence in Q1 2019/2020/

## **IMPLICATIONS OF PAPER:**

|   |                            |          |   |
|---|----------------------------|----------|---|
| <b>RISK</b>   | <b>Y</b>                   |          | <b>Risk Description:</b> COR089 EPR programme is delayed or fails to deliver benefits             |
|   | <b>Risk Register:</b><br>Y |          | <b>Risk Score</b>   |
| <b>COMPLIANCE<br/>and/or<br/>LEGAL REQUIREMENTS</b> | <b>CQC</b>                 | <b>N</b> | <b>Details:</b>   |
|   | <b>NHSI</b>                | <b>N</b> | <b>Details:</b>   |
|   | <b>Other</b>               | <b>Y</b> | <b>Details:</b> DCB0160 Clinical risk management (section 250 of Health and social care act 2012) |

## Committee Highlights Summary to Board January 2019

| Committee   | Meeting Date                  | Chair           | Quorate |    |
|---|-------------------------------|-----------------|---------|----|
|   |                               |                 | yes     | no |
| Digital Trust Programme Committee   | 10 <sup>th</sup> January 2019 | Richard Welford | X       |    |
| <b>Declarations of Interest Made</b>  |                               |                 |         |    |
| None  |                               |                 |         |    |
| <b>Assurances received</b>  |                               |                 |         |    |
| <p><b><u>Project Status – Digital Trust Programme</u></b></p> <p>The Digital Trust Programme continues to deliver the progressive digitalisation of clinical systems. The programme is still forecast to deliver to the original budget with completion in 2019/2020; however, the phasing is being realigned to resources to balance support and delivery activity.</p> <p>ED and Orders Results management (ORM) have been moved several weeks to ensure they do not conflict with the CQC visit at the request of divisions. They will be going live in February 2019, eObs enhancements (NEWS2 part C) which was included all the enhancement specified by the clinicians successfully went live on Monday 21st January 2019 (<i>updated post meeting</i>)</p> <p>A further workshop will take place to accurately forecast the live date of outstanding modules (to be completed before the end of this FY). The aim will be to have ePMA delivered in the first quarter of FY 2019/2020, Theatres and Maternity to follow in the second quarter of FY 2019/2020. ePMA has a wider impact on other areas. Maternity is one system being replaced by another. In terms of Clinical forms these will be rolled out progressively across the year with a decision made on how to group these. Dr Hobbs (Medical Director) has proposed a potential approach using professional groups as the basis for a managed roll-out. This will be considered in the planning workshop.</p> <p>The committee discussed the issue of suitable management bandwidth on the Sunrise programme. The programme recently lost the Programme Director to the Trust's Lean initiative, and has experienced performance issues with two Project Managers (leading to their release from the programme). In addition, the IT Governance Manager for Cyber Security left the Trust in December 2018. Mr Stanton (CIO) has been tasked with quantifying the risk associated with management bandwidth, and raising BAF or Corporate Risk entries as appropriate so that the Board is appropriately sighted on this issue.</p> <p><b><u>Cyber Security strategy and Internet of Things (IoT)</u></b></p> <p>The Cyber Security Strategy 2018 – 2021 has been updated and documents the current known Cyber security threats most of which apply to any organisation globally. The document addresses in detail the specific steps the Trust needs to take in order to mitigate risk and to retain compliance against both mandatory and voluntary accreditation. The committee discussed the need for IT strategy documents to be formatted such that they can be clearly understood by the wider organisation (to improve engagement) – executive summaries and clearly articulated proposed actions will be added to aid this goal. This strategy along with the Internet of Things (IoT) strategy will be presented at the March board for approval and will be included in the IG Toolkit submissions.</p> <p>The Trust is mandated to gain Cyber Essential + (CE+) by June 2021. The Trust has already</p> |                               |                 |         |    |

undertaken external assessment to understand the current gap. A plan is currently being established which will be presented and likely to require investment (circa £300k).

### **Population Health Business case**

The STP award has now potentially increased to £1.9M however discussions are still ongoing with the CCG to ensure that revenue commitments in subsequent years are in line with the Trust Budget position.

### **PC refresh**

The first phase of the PC refresh has commenced, 500 new machines will be deployed to replace legacy equipment in Russell's Hall Outpatient Department along with ward based Clinical PC's. The new PC's will run Windows 10 and will be compatible with both the new Sunrise EPR and legacy applications. This phase will complete in March 2019 with Phase 2 of another 500 units starting in May 2019.

### **BAF and Corporate Risk**

At present both the BAF and Corporate risk registers show risks that, according to the scores given, represent significant impacts, and a high probability of occurrence. However, in most cases the same risks have very low target scores, and each risk has been tracking at level above the target score for some time (despite actions being taken). Mr Welford (Chair) stated that this was not acceptable, and that the team needed to revisit all risks with a view to challenging the status of each (with revised scores and appropriate mitigating actions), and declaring a target score that is realistic. New target scores would then represent the DTPC's proposed appetite for risk – this is an important step to engage the wider Board of Directors for concurrence or challenge.

It was agreed that Mr Stanton would convene a separate working session to revisit all risks on the BAF and Corporate Risk register, with a view to be able to present a proposal to the next Board of Directors meeting.

### **Decisions Made / Items Approved**

- Transfer of an issue associated with electronic ordering and receiving of blood results (associated with sexual health) to be transferred to the CQSPE committee.

### **Actions to come back to Committee (items Committee keeping an eye on)**

- Improved Clinical and Executive leadership attendance at the DTPC.
- Revised Sunrise programme timing.
- Cyber security and IoT strategies, including executive summaries and proposed actions.
- Revised BAF and Corporate Risk entries

### **Items referred to the Board for decision or action**

- None

| Comments relating to the DTPC from the CCIO   |
|---|
| Engagement with the development of Sunrise from clinicians continues to be challenging. Numerous lines of communication have been opened and are being pursued including via the Divisional management structure. It should be noted that the movement of pathology services to BCPS has reduced the influence available to obtain the essential Pathology support required for validation of the ORM system. |
| Comments relating to the DTPC from the CNIO   |
|   |





**Paper for submission to the Board on 7<sup>th</sup> February 2019**

|  |   |  |  |
|--|---|--|--|
| <b>TITLE:</b>  | <b>Summary of Workforce &amp; Staff Engagement Committee</b>  |  |  |
| <b>AUTHOR:</b>   | <b>Andrew McMenemy,<br/>Director of Workforce &amp;<br/>OD</b>  | <b>PRESENTER</b>   | <b>Julian Atkins,<br/>Non-Executive<br/>Director &amp;<br/>Committee Chair</b> |
| <b>CLINICAL STRATEGIC AIMS</b>   |   |  |  |
| <i>Strengthen hospital-based care to ensure high quality hospital services provided in the most effective and efficient way.</i>   |   |  |  |
| <b>ACTION REQUIRED OF BOARD:</b>   |   |  |  |
| <b>Decision</b>  | <b>Approval</b>   | <b>Discussion</b>  | <b>Other</b>   |
|  |   | Y  |  |
| <b>OVERALL ASSURANCE LEVEL</b>   |   |  |  |
| <b>Significant Assurance</b>   | <b>Acceptable Assurance</b>   | <b>Partial Assurance</b>   | <b>No Assurance</b>  |
| <input type="checkbox"/><br><br>High level of confidence in delivery of existing mechanisms / objectives   | <input checked="" type="checkbox"/><br><br>General confidence in delivery of existing mechanisms / objectives | <input type="checkbox"/><br><br>Some confidence in delivery of existing mechanisms / objectives, some areas of concern | <input type="checkbox"/><br><br>No confidence in delivery                      |
| <b>RECOMMENDATIONS FOR THE BOARD:</b>  |   |  |  |
| The Board to receive the main items addressed at the Workforce Committee and to be assured that there continues to be good progress alongside the Committee aims that are aligned to the Trust Workforce Strategy. |   |  |  |
| <b>CORPORATE OBJECTIVE:</b>  |   |  |  |
| <p><b>SO4: Be the place people choose to work</b></p> <p><b>SO5: Make the best use of what we have</b></p> <p><b>SO6: Deliver a viable future</b></p>  |   |  |  |

## SUMMARY OF KEY ISSUES:

This summary of the January Workforce and Staff Engagement Committee meeting provides the Board with assurance that matters associated to the Workforce Strategy are being managed and taken forward effectively and appropriately.

The main topics of interest continue to be effective recruitment leading to a sustainable workforce and the implications associated to this indicator. This is reflected in the Trust BAF and Workforce Risks as well as having significant focus in the Workforce Strategy and Business Plan. The Workforce and Staff Engagement Committee continues to hold those relevant Trust officers to account to ensure all reasonable measures are in place to mitigate the risks associated with workforce performance.

The main topic for discussion were the initial results from the National Staff Survey that highlighted areas of improvement alongside areas where the Trust needs to improve.

## IMPLICATIONS OF PAPER:

| RISK                                       | Y                   |   | Risk Description:                         |
|--|---------------------|---|---|
|  | Risk Register:<br>Y |   | Risk Score                                |
| COMPLIANCE<br>and/or<br>LEGAL REQUIREMENTS | CQC                 | Y | Details:                                  |
|  | NHSI                | Y | Details: Annual Business Planning Process |
|  | Other               | N | Details:                                  |

## Committee Highlights Summary to Board

| Committee  | Meeting Date                 | Chair         | Quorate |    |
|--|------------------------------|---------------|---------|----|
| Workforce & Staff Engagement Committee   | 3 <sup>rd</sup> January 2019 | Julian Atkins | yes     | no |
|  |                              |               | Yes     |    |
| Declarations of Interest Made  |                              |               |         |    |
| No declarations registered.  |                              |               |         |    |
| Assurances received  |                              |               |         |    |
| Matters Arising  |                              |               |         |    |
| <p>1. <b>Staff Engagement Presentation-</b> The Committee received an update from the Workforce Directorate associated to developments that have supported staff engagement. This primarily focused on the outcomes from the recent ‘Make it Happen’ engagement events. It was acknowledged that outcomes will be coordinated alongside the feedback from the staff survey and for the actions to be communicated effectively to staff.</p>  |                              |               |         |    |
| Workforce Governance   |                              |               |         |    |
| <p>2. <b>Workforce Related Risks/BAF</b> – The current workforce related risks and BAF were presented to the Committee alongside proposed revisions to both documents. This was done by the Director of Workforce following the Board Development session briefing by Deloitte and a revised set of issues and risks were presented for consideration by the Committee. The risks were discussed and agreed alongside an associated action of providing scores, controls and mitigations to the next meeting.</p>  |                              |               |         |    |
| Workforce Strategy   |                              |               |         |    |
| <p>3. <b>Workforce Strategy Business</b> – The Director of Workforce provided assurance with progress against the business plan that supports the Workforce Strategy. The Committee were assured of progress alongside objectives.</p>   |                              |               |         |    |
| <p>4. <b>Staff Survey Update</b> – The Committee were provided with the initial feedback from the Staff Survey. The report highlighted the areas of improvement alongside the areas where the feedback has declined since last year. The feedback was only provided at a Trust level and therefore did not provide Divisional or Departmental specific information. In addition, the feedback at this stage cannot be benchmarked alongside other NHS Trusts until all survey reports are published at the end of February 2019. The Committee were advised that the Divisional information was expected in the next few weeks and this would allow the identification of both corporate and local priorities that will form the associated action plan.</p> |                              |               |         |    |

- 5. Diversity Update** – The Committee were advised that EDS2 and WRES plans had been reviewed alongside consideration for the introduction in 2019 of WDES plans. As part of the review the Trust has established staff networking groups that support LGBT, BAME and Disability. The Committee were also advised that Mrs Jenni Ord, Chair and Mr. Julian Atkins, NED had been appointed advocates on behalf of the groups.

#### **Workforce Performance**

- 6. Key Performance Indicators** – Dawn Woods, Head of HR provided an overview and analysis of workforce performance associated to December 2018. The main points of interest were the continuing fall in the absence rate to 4.76% and the continued fall in the Trust turnover rate. This was also supported alongside the continued positive performance associated to Appraisal and Mandatory Training. However, specific concerns were raised regarding Resuscitation Training for both adults and paediatrics. However, the Committee were advised by the Trust Lead for Mandatory Training that this had been escalated accordingly and plans were in place to address this matter.

#### **Workforce Change**

- 7. Proposal to Move from Trust Contracts to Agenda for Change** – A combined paper was provided by the Finance & Operational HR teams. The report demonstrated the high number of staff at a variety of levels who had been historically placed on Trust single point pay scales. It was reported that this was having an impact on retention and staff morale, however the move to national terms and conditions provided a cost to the Trust. The Committee supported the move in principle, however, further assurance regarding costs was required.

### **Decisions Made / Items Approved**

1. The Committee approved the revised submissions to the BAF and Risk Register;
2. The Committee agreed the proposal for moving existing and new staff to AFC pay scales in principle but required further assurance associated to the costs. .

### **Actions to come back to Committee (items the Committee is keeping an eye on)**

The Committee require further feedback regarding:

- Staff Survey Action Plan and full set of published results;
- Scores and mitigations associated to the revised workforce BAF and Risk Register submissions;
- Update on the proposal to move staff to AFC pay scales.

| Items referred to the Board for decision or action  |
|---|
| <p>The Committee on this occasion requires the Board to consider the initial findings from the National Staff Survey.</p> |