

Date: 05/10/2016

FREEDOM OF INFORMATION REQUEST – 012949 – Imaging services

I am writing to request data under the Freedom of Information Act 2000 on imaging services provided at hospitals and commissioned on behalf of your trust, which unfortunately appears to be unavailable through HSCIC published data. You may recall we did a similar FOI earlier this year – thank you for your response on that.

Where complete data is not possible, please provide as much as the available data allows.

1.

Total number of and the manufacturer and model number(s) of each individual:

• **MRI scanner**

- 1 x Siemens 3T Vario MRI scanner (16 Channel)
- 1 X Philips Intera MRI (Upgraded to Achieva platform.) 8 Channel
- 1 X 1.5 Phillips Ingenia (leased from Cobalt)

• **CT scanner**

- 1x Siemens Definition CT Scanner AS (64 Slice)
- 1x Siemens Definition AS+ Ct Scanner (128 slice)

• **PET scanner**

Not applicable

• **SPECT scanner**

Siemens Symbia T6

○ **Ultrasound scanners**

VIVID I	00681ULT17	GE HEALTHCARE MEDICAL SYSTEMS UK
ACUSON S2000	US00033200	SIEMENS HEALTHCARE
ACUSON X300	US00033210	SIEMENS HEALTHCARE
VENUE 40	290147WX8	GE HEALTHCARE MEDICAL SYSTEMS UK
FFSONIC UF-4100	38105657	K-MED
HI VISION PREIRUS	KE16265204	HITACHI MEDICAL SYSTEMS LTD
LOGIQ 100MP	65818WM7	GE HEALTHCARE MEDICAL SYSTEMS UK
ACUSON X300	US00034230	SIEMENS HEALTHCARE
ECHOPAC	00681ULT14	GE HEALTHCARE CLINICAL SYSTEMS UK
ECHOPAC 1600	00681ULT09	GE HEALTHCARE MEDICAL SYSTEMS UK
SONOHEART ELITE	030BCN	SONOSITE UK LTD
V SCAN	VH001013PW	GE HEALTHCARE MEDICAL SYSTEMS UK
V SCAN	VH003872YR	GE HEALTHCARE MEDICAL SYSTEMS UK
VIVID E9	VE97108	GE HEALTHCARE CLINICAL SYSTEMS UK
VIVID E9	VE97107	GE HEALTHCARE CLINICAL SYSTEMS UK

VIVID E9	00681ULT19	GE HEALTHCARE MEDICAL SYSTEMS UK
VIVID Q	CP9314	GE HEALTHCARE CLINICAL SYSTEMS UK
VIVID S6	7608VS6	GE HEALTHCARE CLINICAL SYSTEMS UK
LOGIQ S8	237268SU8	GE HEALTHCARE MEDICAL SYSTEMS UK
NANOMAXX	03H88C	SONOSITE UK LTD
SONOLINE ANTARES	US00024280	SIEMENS HEALTHCARE
NANOMAXX	03YBBW	SONOSITE UK LTD
M-TURBO	WK29L3	SONOSITE UK LTD
ACUSON P10	80027	SIEMENS HEALTHCARE
ACUSON X300	US00012553	SIEMENS HEALTHCARE
AVIUS-E FLEX	KE15024-201	HITACHI MEDICAL SYSTEMS LTD
ACUSON X150	US00033220	SIEMENS HEALTHCARE
ACUSON X300	US00035240	SIEMENS HEALTHCARE
S-NERVE	03KYDW	SONOSITE UK LTD
SONOSITE EDGE	03R535	SONOSITE UK LTD
SONOSITE TITAN	0330WN	SONOSITE UK LTD
M-TURBO	03BVQD	SONOSITE UK LTD
NANOMAXX	03RDK8	SONOSITE UK LTD
VIVID S6		GE HEALTHCARE CLINICAL SYSTEMS UK
M-TURBO	03FMP6	SONOSITE UK LTD
SITERITE 3	363894	JADE MEDICAL LTD
M-TURBO	03BMR9	SONOSITE UK LTD
SONOSITE MICROMAX	035VKM	SONOSITE UK LTD
ULTRASCAN	I607000399	ALCON LABORATORIES (UK) LTD
M-TURBO	03BMMK	SONOSITE UK LTD
SONOSITE TITAN	032CDX	SONOSITE UK LTD
ACUSON X300	US00035250	SIEMENS HEALTHCARE
PHILLIPS IU22	034KRL	PHILIPS HEALTHCARE
CX50	90681ULTA5	PHILIPS HEALTHCARE
IU22	90681ULTA1	PHILIPS HEALTHCARE
IU22	90681ULTA2	PHILIPS HEALTHCARE
M-TURBO	WK11HZ	SONOSITE UK LTD
M-TURBO	WK11RC	SONOSITE UK LTD
M-TURBO	WK12B4	SONOSITE UK LTD
SONOSITE MICROMAX	035V8X	SONOSITE UK LTD
Z ONE	033485208L	ZONARE MEDICAL SYSTEMS UK LIMITED
Z ONE	022425207J	ZONARE MEDICAL SYSTEMS UK LIMITED
Z ONE	024235208A	ZONARE MEDICAL SYSTEMS UK LIMITED
APLIO 500	T1D1293256	TOSHIBA MEDICAL SYSTEMS LTD 2012
APLIO 500	T1D1293257	TOSHIBA MEDICAL SYSTEMS LTD 2012
IU22	GB101032-006-001	PHILIPS HEALTHCARE 2009
IU22	GB100439-001-001	PHILIPS HEALTHCARE 2009
IU22	GB100241-004-001	PHILIPS HEALTHCARE 2011

IU22	90681ULTA3	PHILIPS HEALTHCARE 2011
IU22	90681ULTA4	PHILIPS HEALTHCARE 2011
LOGIQ E9	00681ULT21	GE HEALTHCARE MEDICAL SYSTEMS UK 2010
LOGIQ E9	00681ULT20	GE HEALTHCARE MEDICAL SYSTEMS UK 2010
M-TURBO	03FMK4	SONOSITE UK LTD 2009
VOLUSON E8	D15984	GE HEALTHCARE MEDICAL SYSTEMS UK 2010
VOLUSON E8	D11328	GE HEALTHCARE MEDICAL SYSTEMS UK 2012

- **Flexible Endoscope [An estimate of the number and predominant manufacturer brand will suffice]**

There are 6 x Pentax flexible endoscopes (used in outpatients)

- **Catheter Lab X-ray machines**

1x Siemens Axiom Artis zee

2. The year each individual scanner was purchased, the purchase method, cost and the scheduled replacement year for each individual:

Purchase methods include:

- o Trust Purchase – Trust outright bought the machine and is sole owner.
- o Lease – Trust pays an annual rental fee to the supplier.
- o Managed Equipment Services (MES) – Single contract with an MES provider including leasing and maintenance.
- o Charity Purchase – donated by an associated charity.
- o Private Finance Initiative (PFI) – purchase is financed by a PFI scheme.

- o **MRI scanner***

Vario 2010 MES, 7 years. Intera purchased by Trust 2010 (originally under MES) due to be replaced 2018

- o **CT scanner***

Siemens 128 2011, Siemens 64 2012, both MES, 7 years

- o **PET scanner**

Not applicable

- o **SPECT scanner**

2010 MES, 10 years

<p>These are the dates that some of the above ultrasound machines were purchased.</p> <p>IU22 23/03/2009</p> <p>IU22 23/03/2009</p> <p>LOGIQ E9 13/01/2010</p> <p>LOGIQ E9 13/01/2010</p> <p>VOLUSON E8 13/03/2010</p> <p>IU22 10/02/2011</p> <p>IU22 10/02/2011</p> <p>IU22 16/02/2011</p> <p>VOLUSON E8 16/03/2012</p> <p>APLIO 500 31/10/2012</p> <p>APLIO 500 31/10/2012</p>
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3. How each of the following equipment has been purchased (e.g. contract with OEM, NHS Supply Chain catalogue) and how often they are replaced on average:

- o **Ultrasound scanner**

Purchased from NHS Supply Chain Framework Agreement.

If not on this Framework agreement would purchase/contract directly with supplier

o Sets of Flexible Endoscopes

Purchased from NHS Supply Chain Framework Agreement.

If not on this Framework Agreement would purchase/contract directly with supplier

o Catheter Lab CT machines

On Siemens MES replacement programme, 7 years

An estimate of how often the Trust aims to replace the listed equipment would be useful (e.g. once every 2 years).

The Trust would replace typically every 5 years from an end of useful life perspective.

4. The maintenance provider (e.g. the OEM or a third party) and the annual maintenance cost (if applicable) for each individual:

- o MRI scanner*** OEM
- o CT scanner*** OEM
- o PET scanner** Not applicable
- o SPECT scanner** OEM
- o Ultrasound scanner** OEM
- o Catheter Lab CT machines** OEM

5. Staffed hours for each individual: (Please note which of the individual scanners are available 24/7 for A&E purposes.)

o MRI scanner*

All scanners work 8:30am 8:00pm Monday to Friday.

Siemens 3T Vario and Phillips Intera 1.5 work 8:30am- 4:30 pm Saturday and Sunday

o CT scanner*

Both scanners work 8:30am – 8:00pm Monday to Friday.

128 slice CT works 8:30am – 4:30 pm Sat & Sunday, also provides on call service.

Definition CT Scanner AS (64 Slice) – Closed Saturday & Sunday

o PET scanner

Not applicable

o SPECT scanner

Works Monday to Friday 8:30am – 5:00pm

1 x Siemens 3T Vario MRI scanner (16 Channel)

1 X Philips Intera MRI (Upgraded to Achieva platform.) 8 Channel

1x Siemens Definition CT Scanner AS (64 Slice)

1x Siemens Definition AS+ Ct Scanner (128 slice)

6. Number of scans/procedures performed annually in period financial year 2005/06 - 2015/16 for the following: [See the attachment for the relevant OPCS and modality ID codes].

- o MRI scans***
- o CT scans***
- o PET scans***
- o SPECT scans***
- o Ultrasound scans**
- o Endoscopy procedures (Upper GI, Lower GI and Urological)**
- o Cardiac Angiography and Angioplasty procedures**
- o Cardiac Electrophysiology procedures**

Please see the table below. Data has been retrieved from The Trusts' CRIS system pre April 2015 apart from Endoscopy data which has been retrieved from The Trust's OASIS. However data is not available for endoscopy procedures pre April 2011 from a centralised electronic reporting system.

Question 6 asks for the data by individual machine; however The Trust does not have a centralised reporting tool to allow access to this level of detail, only the total numbers.

Number of scans/procedures performed annually in period financial year 2005/06 - 2015/16

	Fin_Year										
	0506	0607	0708	0809	0910	1011	1112	1213	1314	1415	1516
MRI	6320	6050	8212	9948	10398	11009	14009	14704	18085	20093	21287
CT	10545	12406	12541	13131	14225	15240	16347	18572	20613	22367	24275
Non_Obstetric Ultrasound	27240	29258	31318	35224	39086	40517	41066	43579	45191	45752	47858
Angiography	1506	1706	1699	2047	2273	2598	2719	2958	2986	2650	2443
PET Scans			6	84	165	204	190	208	228	218	260
SPECT Scans				2	5	1	80	187	244	295	343
Endoscopy Procedures	Data not available						4302	7624	7637	7826	8837

7. Number of scans/procedures performed by external providers on behalf of the Trust in this same period. How much was paid per scan/procedures on average? Please list by external provider name. For the following:

- o MRI scans
- o CT scans
- o PET scans
- o SPECT scans
- o Ultrasound scans
- o Endoscopy procedures (Upper GI, Lower GI and Urological)
- o Cardiac Angiography and Angioplasty procedures
- o Cardiac Electrophysiology procedures

Number of activities performed by an external provider (NHS or Non-NHS), data may be collected by CCGs.

7)

Exams Performed by external providers

	Fin_Year										
	0506	0607	0708	0809	0910	1011	1112	1213	1314	1415	1516
MRI				587	1892	2704	2352	1486	3181	3506	5381
PET Scans			6	84	165	204	190	208	228	218	260

8. Average cost per scan by year for the period 2005/06 – 2015/16 for the following:

- o MRI scans
- o CT scans
- o PET scans
- o SPECT scans

The Trust holds information from 2010-11 onwards

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
MRI						112.20	102.72	102.98	103.94	78.53	91.09
CT						96.80	85.26	76.08	76.21	51.47	59.47

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
SPECT	343.5	338	358	352	347	410

9. The provider of tracers for PET (e.g. FDG) and annual spend on tracers.

Not applicable