

12/3/19

Paediatric allergy services

Q1 What level of paediatric allergy service are you providing?

- ☒ Secondary only
☐ Tertiary only
☐ Both Secondary and Tertiary

Q2 What is the name of the trust you are responding on behalf of?

The Dudley Group NHS Foundation Trust

Q3 Does your trust, provide paediatric allergy services in more than one hospital?

- ☒ Yes
☐ No

Q4 Please write the name of each hospital where paediatric allergy services are provided by your trust:

Outpatient Clinics at
(1) Russells Hall Hospital, Dudley
(2) Gnost Hospital, Dudley

Paediatric allergy services in primary care

Q5 Have you established paediatric allergy services in primary care?

- ☒ No special link established
☐ Paediatric allergy staff from the trust go into primary care to offer a paediatric allergy clinic/service
☐ GPs have been trained to provide a paediatric allergy service in primary care
☐ Other provision of allergy services in primary care

If other provision of allergy services in primary care, please describe

Ad to service and e-mail (this is
available line available and
GPs are aware of this.

The following series of questions ask about the staffing configuration of the paediatric allergy services that are provided. The first questions are about senior medical staffing, followed by junior medical staffing, nursing staffing and then dietetic support.

Please answer this series of questions assuming you are fully staffed, i.e. consider a vacant post as being filled

Medical Staffing

Q6 Which medical staff undertake clinics in your trust where paediatric allergy patients are seen? (please choose all that apply)

- ☐ Consultant General Paediatricians
☐ Consultant General Paediatricians with a subspeciality interest (≥50% of time with paediatric allergy patients)
☐ Consultant General Paediatricians with a subspeciality interest (<50% of time with paediatric allergy patients)
☐ Consultant Subspecialist Paediatricians
☒ Adult Immunologists
☐ Associate Specialists

- Q7 If your paediatric allergy service includes Consultant General Paediatricians with a subspeciality interest: What are the subspeciality interests of the Consultant General Paediatricians with a subspeciality interest involved in seeing paediatric allergy patients (please choose all that apply)
- ☐ Allergy Interest
- ☐ Respiratory Interest
- ☐ Dermatology Interest
- ☐ Gastroenterology Interest
- ☐ Immunology Interest
- ☐ Other Interest (please specify below)
- Other Consultant General Paediatrician interest (please specify) consultant paediatricians do not provide allergy services
- Q8 If your paediatric allergy service includes Consultant Subspecialist Paediatricians: What are the subspeciality interests of the Consultant Paediatric Subspecialists involved in seeing paediatric allergy patients (please choose all that apply)
- ☐ Allergy
- ☐ Respiratory
- ☐ Dermatology
- ☐ Gastroenterology
- ☐ Immunology
- ☐ Other subspeciality (please specify below)
- Other Consultant Paediatric Subspeciality (please specify) consultant paediatricians do not provide allergy services
- Q9 What formal allergy training have consultants contributing to the service had (please choose all that apply)?
- ☐ None of the consultant staff have had formal allergy training
- ☐ Postgraduate Certificate in Allergy
- ☐ MSc in Allergy
- ☐ MD/PhD in Allergy Research
- ☐ SPIN training in Allergy
- ☐ GRID training in Allergy
- ☐ EAACI accredited Pediatric Allergist (Diploma)
- ☒ Other allergy training/experience
- If other allergy training and/or experience, please describe FRC Path Immunology (MR CPCH + MD Paediatrics)
- Q10 Do you have a designated lead for your Paediatric Allergy Service?
- ☒ Yes
- ☐ No
- Q11 How many consultants contribute to seeing paediatric allergy patients?
NB this refers to the medical staffing you have listed previously i.e. consultant paediatricians with or without a subspeciality interest, paediatric subspecialists, immunologists and associate specialists. It is not referring to the extended medical team such as dermatologists, ENT consultants etc, or to paediatric subspecialists not listed in Q8, e.g. neonatologists, all of whom see patients with paediatric allergy problems.
- Consultants (number of individuals) 2
- Total (for all consultants) number of Whole Time Equivalents (WTE) of time providing services to paediatric allergy patients
- Q12 Do all consultant staff working in your paediatric allergy service have a minimum of 2 PA's in their job plan designated for paediatric allergy?
- ☐ Yes
- ☒ No

- Q13 Are the staff involved in seeing paediatric allergy patients members of the BSACI?
Ideally answer as e.g. 5 out of 7 are members

YES

Junior Medical Staffing

Not available

- Q14 Do specialist registrars and/or clinical research fellows regularly attend the clinics where paediatric allergy patients are seen?

- ☐ Yes - they see patients independently
☐ Yes - sit in on clinic but do not see patients independently
☐ No

Nursing Staffing

No dedicated nurse for paed allergy

If your paediatric allergy service has no nursing support please skip this section and go to the next section headed "Dietician support" (Q22)

- Q15 How many nurses contribute to looking after paediatric allergy patients?

Nurses (number of nurses)

Total (for all nurses) number of Whole Time Equivalents (WTE) of time providing services to paediatric allergy patients

- Q16 What band are the nurse/s who contribute to seeing paediatric patients?

Number who are Band 5

Number who are Band 6

Number who are Band 7

Number who are Band 8 or more

- Q18 If you have any Band 8 nursing staff: What role do your Band 8 nursing staff hold? (please choose all that apply)

- ☐ Nurse Consultant
☐ Advanced Nurse Practitioner
☐ Clinical Nurse Specialist
☐ Other

If other, please describe:

- Q19 Allergy training of the nurse/s in the paediatric allergy service

- ☐ All nurse/s have had formal training in allergy
☐ Some nurse/s have had formal training in allergy
☐ No nurses have had formal training in allergy

- Q20 Do nursing staff undertake independent nurse led clinics seeing paediatric allergy patients?

- ☐ Yes
☐ No

- Q21 If nursing staff are undertaking independent nurse led clinics: In independent nurse led clinics, what kinds of paediatric allergy patients are seen?

- ☐ New paediatric allergy referrals (i.e. never been seen by a medical doctor within the allergy service)
☐ Follow up paediatric allergy appointments
☐ Paediatric allergy patients referred to the nurse led clinic for allergy testing or training
☐ Immunotherapy patient clinics (independently nurse led)

Dietician support

If your paediatric allergy service has no dietician support please skip this section and go to the next section headed "Paediatric Allergy Clinics" (Q25)

Q22 How much dietician support does your paediatric allergy service have?

- ☐ No dietician support
- ☐ Dietician present at all paediatric allergy clinics
- ☐ Dietician present at some paediatric allergy clinics
- ☒ Dietician not present but sees paediatric allergy patients by referral from the paediatric allergy service

Q23 How much dietician time do you think your paediatric allergy service has specifically for paediatric allergy patients? (in Whole Time Equivalents)
For example, if you undertake one morning allergy clinic per week and a dietician is always present then this would be 0.1 WTE dietician time

Q24 Do dieticians undertake independent dietician led clinics seeing new paediatric allergy referrals?
i.e. referrals for a paediatric allergy consultation NOT specifically a paediatric dietician consultation

- ☐ Yes
- ☒ No

[Sometimes suspected CMHA cases are directly referred to dieticians by primary care]

Paediatric Allergy Clinics

Q25 In what kind of clinic are paediatric allergy patients seen?

- ☒ In general ^{adult} paediatric clinics amongst other paediatric patients
- ☒ In clinics with exclusively paediatric allergy patients
- ☒ Both of the above

[Older children and adolescents usually >10 years]

Q26 Approximately how many clinics does your paediatric allergy service undertake per week?

General clinics where paediatric allergy patients are seen amongst other paediatric patients?

at least 4

Paediatric allergy clinics with exclusively paediatric allergy patients

0.5

Q27 Approximately what proportion (%) of the general paediatric clinic consultations, on average, would you say relate to paediatric allergy problems? (please give a percentage as an estimate)

Q28 Approximately how many paediatric allergy patients does your service undertake outpatient consultations for per week?

New Outpatient appointments each week

5

Follow Up appointments each week

10

} Approximate

Q29 What is your best estimate of the waiting time for paediatric allergy patients new and follow up appointments?
Please answer in months, if no waiting list please enter 0

New Outpatient appointment waiting time (months)

3 months

Follow Up appointment waiting time (months)

9-12 months

Joint Clinics

Q30 Does your paediatric allergy service undertake any joint clinics i.e. paediatric allergy with another speciality?

- ☐ Yes
- ☒ No

But sometimes have Dermatology to discuss (informal) diff patients

- Q31 If your paediatric allergy service offers joint clinics: What joint clinics does your paediatric allergy service offer?
- ☐ Joint clinic with paediatric gastroenterology
- ☐ Joint clinic with paediatric respiratory
- ☐ Joint clinic with paediatric dermatology
- ☐ Joint clinic with other specialist
- Joint clinic with other specialist, please specify who
- No formal joint clinics but share care of complex allergy patients with Paeds resp / Paeds dermatology / ENT / Othorall dietitian*

Paediatric Allergy Clinic Configuration

- Q32 When do the clinics occur when paediatric allergy patients are seen?

- ☒ Morning
- ☒ Afternoon
- ☐ Evening

- Q33 For the relevant clinics: How long are the outpatient clinics in which paediatric allergy patients are seen?

Morning clinic (answer in hours please)

Afternoon clinic (answer in hours please)

Evening clinic (answer in hours please)

Paediatric Allergy Consultation Duration

For the next two questions, please provide answers for the staffing that apply to your paediatric allergy service. Please leave ones that do not apply empty.

- Q34 How long is the average appointment time for a **NEW** paediatric allergy consultation? (please answer in minutes)
If you don't know the answer please enter a zero

New patient appointment duration with the **Consultant**

(including SP7)

New patient appointment duration with the **Associate Specialist**

New patient appointment duration with the **Allergy Nurse Specialist**

Average new patient appointment duration with the **Specialist Registrar**

Average new patient appointment duration with the **Dietician**

- Q35 How long is the average appointment time for a **FOLLOW UP** paediatric allergy consultation? (please answer in minutes)
If you don't know the answer please enter a zero

Follow up appointment duration with the **Consultant**

Follow up appointment duration with the **Associate Specialist**

Follow up appointment duration with the **Allergy Nurse Specialist**

Follow up appointment duration with the **Specialist Registrar**

Follow up appointment duration with the **Dietician**

- Q36 If you undertake morning paediatric allergy clinics: Please describe how your service templates general clinics where paediatric allergy patients are seen amongst other paediatric patient?

Morning clinic: Number of **new** patients

Morning clinic: Number of **follow up** patients

Afternoon clinic: Number of **new** patients

Afternoon clinic: Number of **follow up** patients

N/A Consultant Paediatricians do not provide allergy services

- Q37 If you undertake afternoon paediatric allergy clinics: Please describe how your service templates clinics seeing exclusively paediatric allergy patients? *N/A Consultant Paediatricians do not provide allergy services*
- Morning clinic: Number of new patients
- Morning clinic: Number of follow up patients
- Afternoon clinic: Number of new patients
- Afternoon clinic: Number of follow up patients

- Q38 How is a paediatric allergy outpatient appointment in your paediatric allergy service coded?

- ☒ As 255 Paediatric Clinical Immunology and Allergy
- ☐ As 317 Allergy
- ☐ As 420 Paediatrics
- ☐ Don't know
- ☐ Other

If Other, please specify

- Q39 Do you know, even if only approximately, what your trust is reimbursed per patient for the paediatric allergy services it provides?

- ☒ Yes
- ☐ No

- Q40 If known: How much does your trust get reimbursed for the following paediatric allergy services?

New patient consultation (£)

Follow up consultation (£)

Day case attendance (£)

Allergy Investigations

- Q41 What diagnostic tests are offered in your paediatric allergy service? (please choose all that apply)

- ☒ Blood tests (specific IgE/RAST tests)
- ☒ Skin Prick tests
- ☒ Component resolved diagnostic tests
- ☒ ISAC ImmunoCAP test
- ☐ Intradermal tests
- ☐ Patch testing for foods
- ☐ Spirometry
- ☐ Exhaled nitric oxide measurement
- ☐ Other

If Other, please specify

Skin Prick Testing

If skin prick testing is not undertaken in your paediatric allergy service please skip this section and go to the next section headed "Intradermal Tests" (Q54)

- Q42 Are skin prick tests usually undertaken on the same day or in a separate clinic on a different day?

- ☒ Same day
- ☐ Different day

Q43 Who regularly performs skin tests at your clinic (please choose all that apply)

- ☒ Consultant
- ☐ Associate specialist
- ☐ Nurse
- ☐ Specialist registrar
- ☐ Lab technician
- ☐ Dietician
- ☐ Other

If Other, please specify

Q44 Do you have resuscitation facilities immediately available for skin tests?

- ☒ Yes
- ☐ No

Q45 What do you undertake skin prick testing to?

- ☒ Foods - commercial skin prick test solutions
- ☒ Foods - using fresh whole foods
- ☒ Aeroallergens
- ☒ Latex
- ☒ Bee/wasp venom
- ☐ Drugs
- ☐ Other

If Other skin prick testing undertaken, please specify

Q46 Which commercial skin prick solutions do you use? (More than one may be ticked)

- ☒ Soluprick (ALK)
- ☐ Allergy Therapeutics
- ☐ Immunotek
- ☒ Diagenics (Allergopharma)
- ☐ Other

If Other SPT solution used, please state

Q47 If you use whole foods for testing: Which whole foods do you use for skin prick testing?

- ☐ Tahini (sesame)
- ☐ Fresh cow's milk
- ☐ Raw egg white
- ☐ Other food brought in by the patient
- ☒ Nuts

If Nuts, please state which

Prick to Prick
As indicated by history.
usually only for OAS

Q48 If you are using whole foods for testing: For the foods that you are using for skin prick testing, do you use them alone (instead of the commercial solution), or as well as the commercial solution

	Whole food only	Whole food and commercial solution at same time
Sesame	<input type="radio"/>	<input type="radio"/>
Fresh cow's milk	<input type="radio"/>	<input type="radio"/>
Raw egg white	<input type="radio"/>	<input type="radio"/>
Nuts if entered in Q47	<input checked="" type="radio"/> usually only for OAS	<input checked="" type="radio"/>

Q49 How does your service measure skin prick test wheal size?

- ☒ Largest diameter of the wheal
☐ Mean of the of largest diameter of the wheal and its perpendicular diameter

Q50 Do you deduct the size of the negative control from the allergen responses, if the negative control response is positive?

- ☐ Yes
☒ No

If Neg control +ve then would consider dermatographism and use s.i.g.E/CRD with history to confirm allergy

Q51 What do you consider a positive skin prick test response to an allergen?

- ☒ ≥ 3 mm diameter
☐ Any positive response

Q52 Do you include the diameter of pseudopods when measuring the largest diameter?

- ☐ Yes
☒ No

But mention that pseudopods were present to indicate significant positive.

Q53 Do you have a threshold that the histamine positive control has to exceed to consider it valid and hence the tests to be interpretable?

- ☒ Yes
☐ No

If yes, what size does the histamine response have to be greater or equal to in millimetres?

3mm

Intradermal tests

Q54 If you undertake intradermal testing: What do you offer intradermal testing to?

- ☐ Antibiotics
☐ Local anaesthetics
☐ General anaesthetics
☐ Bee/wasp venom
☐ Other

IP tests done for adults in our centre but not really in children. [Potentially available if needed in an 'in case']

If Other intradermal testing offered, please state to what?

Component testing

If component testing is not undertaken please skip this section and go to the next section headed "Challenge Tests" (Q60)

Q55 What do you undertake component testing to?

- ☒ Peanut components
☒ Hazelnut components
☒ Venom components (Wasp Ves v5, Bee Api m1)
☒ Birch components (Bet v1 and homologues)
☒ Other components

- Q56 If you undertake peanut component testing: Who do you measure peanut components on?
☒ All suspected peanut allergic children *[at least once to check sensitisation profile.]*
☐ Specific children
 Please describe what criteria determine who you chose to measure peanut components on
- Q57 If you undertake peanut component testing: Which peanut components do you **routinely** measure, if you chose to measure them?
☒ ara h1
☒ ara h2
☒ ara h3
☒ ara h8
☐ ara h9
- Q58 If you undertake hazelnut component testing: Who do you measure hazelnut components on?
☒ All suspected hazelnut allergic children *[at least once to check sensitisation profile.]*
☐ Specific children
 Please describe what criteria determine who you chose to measure hazelnut components on
- Q59 If you undertake hazelnut component testing: Which hazelnut components do you **routinely** measure, if you chose to measure them?
☒ cor a1
☒ cor a8
☒ cor a9
☒ cor a14

Challenge tests

- Q60 Are food and/or drug challenges offered at your service?
☐ Food challenges only Please go to section headed "Food challenges" (Q63)
☐ Food and drug challenges Please go to next question (Q61)
☒ No challenges undertaken Please go to section headed "Immunotherapy" (Q84)

Drug challenges

- Q61 Who performs drug challenge tests at your clinic (please choose all that apply) *N/A - The Trust does not provide drug challenges*
☐ Consultant
☐ Associate specialist
☐ Specialist registrar
☐ Allergy Nurse specialist
☐ Paediatric Nurse
☐ Dietician
☐ Other
 If Other, please specify
- Q62 What classes of drugs do you offer challenges to? *- N/A - see Q61*
☐ Analgesics - paracetamol
☐ Analgesics - NSAIDs
☐ Antibiotics - IV
☐ Antibiotics - oral
☐ Local anaesthetic agents
☐ General anaesthetic agents
☐ Other

Food challenges

- Q63 What type of food challenges do you undertake? (please choose all that apply) - N/A - The Trust does not provide food challenges
- ☐ Open food challenges
- ☐ Supervised feeds
- ☐ Blinded food challenges
- Q64 Do you stratify your open food challenges into high risk and standard risk challenges? N/A
- ☐ Yes
- ☐ No
- Q65 Where do you undertake your challenges? (please choose all that apply) N/A
- | | Paediatric day ward | Dedicated challenge unit | Outpatients | Inpatient ward |
|----------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Open food challenges | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Supervised feeds | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
- Q66 Do you have resuscitation facilities immediately available for challenges? - N/A.
- ☐ Yes
- ☐ No

Challenge service configuration

- Q67 On average, how many challenges do you undertake per week in your service?
-
- Q68 How many challenges are undertaken in one session?
If the challenges come in at staggered times, please give the total for the session, e.g. a hospital may do 8 challenges in one session, 4 at 9am and 4 at 11am, the answer here would be 8.
-
- Q69 How do you configure the challenges that are done in one session?
Please describe how this number of challenges is configured: all arrive at same time? Or staggered - please describe as per the example above.
-
- Q70 How many challenges are supervised by each individual nurse or doctor?
- | | |
|----------------------------------|----------------------|
| Open food challenges | <input type="text"/> |
| Open food challenges - high risk | <input type="text"/> |
| Supervised feeds | <input type="text"/> |
- Q71 If some challenges are designated high risk: How does the challenge configuration differ for challenges designated high risk, compared to low/standard risk? Please explain
-
- Q72 Who performs food challenge tests at your service (please choose all that apply)
- ☐ Consultant
- ☐ Associate specialist
- ☐ Specialist registrar
- ☐ Allergy Nurse specialist
- ☐ Paediatric Nurse
- ☐ Dietician
- ☐ Other
- If Other, please specify

Q73 Does your service undertake nurse led challenges?

☐ Yes

☐ No

Q74 Is any specific cover arranged for nurse led challenges?

☐ Junior doctors provide cover for clerking, consent and treatment of reactions

☐ Junior doctors present on unit but not directly involved with challenges

☐ Doctor providing paediatric allergy services not present but scheduled to be available if needed

☐ Junior doctor not present but specifically scheduled to be available if needed

☐ General paediatric on call team specifically scheduled to be available if needed

☐ No specific cover arranged - general paediatric on call team could be called if needed

☐ Other arrangement

Challenge tests practice

Q75 Do you provide written information for parents and children about the challenge process?

☐ Yes

☐ No

Q76 Do you obtain written consent to undertake challenges?

☐ Yes

☐ No

Q77 Do you start your food challenges with a lip dose (rubbing a small amount on the inner part of the child's lips and then observing the child)?

☐ Yes

☐ No

Q78 Do you offer challenges to the following foods (please choose all that apply)?

☐ Baked egg

☐ Baked milk

☐ Raw egg white

Challenge tests outcomes

Q79 Do you maintain a database of children undergoing challenge procedures and their outcomes?

☐ Yes

☐ No

Q80 Do you record symptoms/signs during a challenge using a standardised protocol?

☐ Yes - use a standardised protocol

☐ No - have own symptom/sign recording protocol

If yes, whose protocol (e.g. a tertiary hospital's or a published protocol such as PRACTALL)

Q81 Approximately how many times has intramuscular adrenaline had to be administered to paediatric allergy patients in the last year?

Q82 Over the course of a year, please estimate what percentage of your challenges are positive? (e.g. if 1 in 3, please write 33)

Standard risk challenges: % positive

High risk challenges: % positive

Supervised feeds: % positive

Q83 How is an appointment for a challenge test coded in your service?

- ☐ As a day case admission for procedure
☐ As an outpatient appointment
☐ As an inpatient admission
☐ Unknown
☐ Other

If Other, please specify

immunotherapy

Q84 Do you provide allergen specific immunotherapy for allergic rhinitis (pollen/HDM/pets)?

- ☒ Yes
☐ No

If immunotherapy is not provided, please go to the section headed "Omalizumab (Xolair)" (Q96)

Q85 Which allergens do you offer immunotherapy to? (please choose all that apply)

- ☒ Grass
☒ Tree
☒ House dust mite
☐ Pets
☐ Other

*Potentially can do pets as well but not needed so far.
Offered to carefully selected older children.*

If Other, please specify

Q86 Is the number of people you provide immunotherapy to capped each year?

- ☐ Yes
☒ No

[but paediatric numbers are small]

Q87 Approximately, how many new patients do you offer immunotherapy to each year?

(paediatric)

Q88 What form of immunotherapy do you undertake? (please choose all that apply)

- ☒ Sub-lingual immunotherapy (SLIT)
☐ Sub-cutaneous immunotherapy (SCIT)
☐ Epicutaneous immunotherapy (EPIT)
☐ Intralymphatic immunotherapy

Q89 If you undertake SLIT: Which products do you use for your sublingual immunotherapy (SLIT)? (please choose all that apply)

- ☐ LAIS (Lofarma Allergoid Sublingual Immunotherapy) (Manufacturer Lofarma, Italy; UK distributor Captium Limited)
☒ Oralvac compact (Manufacturer Allergy Therapeutics, UK)
☐ Oraltek (Manufacturer Immunotek, Spain; UK distributor Bio-Diagnostics Ltd)
☒ Grazax (Manufacturer ALK)
☐ Acarizax (Manufacturer ALK)
☐ Other SLIT product

If Other SLIT product, please specify

Q90 If you undertake SCIT: Which products do you use for your subcutaneous immunotherapy (SCIT)? (please choose all that apply)

- ☐ Pollinex (Manufacturer Allergy Therapeutics, UK)
☐ Pollinex Quattro (Manufacturer Allergy Therapeutics, UK)
☐ Alutard SQ (Manufacturer ALK)
☐ Allergovit (Manufacturer Allergopharma, Diagenics)
☐ Acaroid (Manufacturer Allergopharma, Diagenics)
☐ Novo-Helisen Depot (Manufacturer Allergopharma, Diagenics)
☐ Other SCIT product

If Other SCIT product, please specify

Q91 How is an appointment for immunotherapy coded in your service?

	As day case	As outpatient appointment	As inpatient admission	Unknown	Other
Sub-lingual (SLIT)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Subcutaneous (SCIT)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q92 If Other form of coding used for immunotherapy, please specify

Q93 Do you maintain a database of children undergoing immunotherapy?

- ☒ Yes
☐ No

Q94 Do you obtain written consent for patients undergoing immunotherapy?

- ☒ Yes
☐ No

Q95 If you use Grazax: Do you ask GPs to take over the funding of Grazax?

- ☒ Yes
☐ No

If yes, after how long? (answer in months please)

[within our area]

*Out of region patients on
Grazax have to come to
hospital for repeat prescriptions
if GP not able to
prescribe/fund.
Potentially available but not
needed to use it yet in any paediatric
patient with urticaria [usually resolved/
controlled with
high dose AM]*

Omalizumab (Xolair)

Q96 Do you offer omalizumab (Xolair) therapy for severe urticaria in your clinic?

- ☐ Yes
☐ No

Reintroduction ladders

Q97 Do you use reintroduction ladders for the following foods?

- ☐ Egg (e.g. BSACI guidelines for the management of egg allergy - egg ladder)
☒ Milk (e.g. iMAP/MAP)
☐ Don't use

Q98 If you use reintroduction ladders: In what situation do you use the reintroduction ladder

	IgE type allergy (no asthma or anaphylaxis)	IgE type allergy (asthma but no anaphylaxis)	IgE type allergy (anaphylaxis)	Non-IgE type allergy	Don't use a reintroduction ladder for this
Home introduction of well cooked (e.g. baked) egg	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Home introduction of lightly cooked egg (if tolerating well cooked egg)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Home introduction of raw egg	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Home introduction of dairy using iMAP/MAP ladder	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Desensitisation treatment/programs

Q99 Do you provide desensitisation treatment? (please choose all that apply)

- ☒ Insect venom (bee/wasp)
☐ Food
☐ Drug
☐ Desensitisation not provided

Only after SPT negative / CRD / sIgE significantly reducing
[Available for adults - Not needed to use in children yet]

Q100 If you undertake desensitisation treatment to a food: For which foods do you provide desensitisation programs? (please choose all that apply)

- ☐ Peanut
☐ Milk
☐ Egg
☐ Other

If Other, please specify

Allergy reaction management

Q101 Which adrenaline autoinjector device does your service issue? (tick as many as apply)

- ☒ EpiPen
☒ JEXT
☒ Emerade
☐ Other

If Other adrenaline autoinjector, please state which

Q102 Which antihistamine do you routinely prescribe for food allergic reactions?

- ☒ Cetirizine
☒ Chlorphenamine (Piriton)
☐ Other

If other antihistamine prescribed, please state which

Q103 Where are your management plans for allergic reactions sourced from? (please choose all that apply)

- ☐ Do not issue management plans
☒ Locally designed
☒ BSACI
☐ From other centres
☐ Other

If Other, please specify

Patient support and training

Q104 Where are your patient information sheets sourced from? (please choose all that apply)

- ☐ Do not provide any patient information sheets
- ☒ Locally designed
- ☒ Allergy UK
- ☒ Anaphylaxis Campaign
- ☐ From drug companies (Epipen/Emerade etc)
- ☐ From other centres
- ☐ Information sheets are not provided in the clinic
- ☐ Other

[usually direct patients to PAH websites, if reqd]

If Other, please specify

Q105 Do you offer bespoke training to patients, parents and/or carers in the following in your clinic? (choose all that apply)?

- ☐ Do not offer any patient/parent training
- ☒ Training in the use of self injectable adrenaline
- ☐ Inhaler use
- ☐ Eczema management (use of emollients/steroids)
- ☒ Nasal spray/drop use
- ☐ Other

[usually done by paediatric and dermatologist]

If Other, please specify

Service clinical governance & audit

The next couple of questions are about guidelines. Please answer honestly as to the extent you are aware of these and whether they have actually resulted in them being implemented in your paediatric allergy service.

Q106 Are you aware of the following NICE Clinical Guidelines?

	Yes - have read it and implemented it in our paediatric allergy service	Yes - have read it but not implemented it	Yes - but not read it	No
Food allergy in under 19s: assessment and diagnosis (CG116)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Anaphylaxis: assessment and referral after emergency treatment (CG134)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drug allergy: diagnosis and management (CG183)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q107 Do you have any comments you wish to make about the NICE Clinical Guidelines for food and drug allergy?

- ☐ Yes
- ☒ No

If Yes, please state comments

Q108 Are you aware of the RCPCH Allergy Care Pathways?

Yes

Yes - have read it and implemented it in our paediatric allergy service Yes - have read it but not implemented it Yes - but not read it No

Allergy care pathway for food allergy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Allergy care pathway for anaphylaxis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Allergy care pathway for venom allergy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Allergy care pathway for latex allergy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Allergy care pathway for urticaria, angio-oedema or mastocytosis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Allergy care pathway for asthma and/or rhinitis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q109 Do you have any comments you wish to make about the RCPCH Allergy Care Pathways?

- ☐ Yes
☐ No

If Yes, please state comments

Q110 Do you hold a Multi-Disciplinary Team (MDT) meeting?

- ☐ Yes
☒ No

Not formally, but informally / and via clinic letters / have care of complex allergy patients with dermatologists / paediatrician / ENT and ophthalmologists and, of course, dieticians.

Q111 If you undertake a MDT meeting: How frequently are your MDT meetings held?

- ☐ Weekly
☐ Fortnightly
☐ Monthly
☐ Every two months
☐ Every three months
☐ Other

Q112 Is your service part of a Regional Paediatric Allergy Network?

- ☒ Yes
☐ No

If yes, which Network and how does the link work in practice?

MPAG.

Q113 Is your service formally linked to a tertiary Paediatric Allergy Centre

- ☐ Yes
☒ No

Not formally -

If yes, which tertiary Paediatric Allergy Centre and how does the link work in practice?

Q114 Do you offer paediatric allergy educational events? (please choose all that apply)

- ☒ For General Practitioners
☒ For colleagues in your hospital
☒ For members of the public
☐ Not offered
☐ Other

[Beekeepers society] - spoken when invited

If Other, please specify

Q115 If you offer paediatric allergy educational events: How often do you offer paediatric allergy educational events

No regular training course
But participants / conduct when possible

	Weekly	Fortnightly	Monthly	Every two months	Every three months	Every six months	Annually or less
For General Practitioners	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For colleagues in your hospital	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For members of the public	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Follow up arrangements in your service

Q116 Do you have a routine frequency of follow up for your paediatric allergy patients

- ☒ Yes
☐ No

Q117 What would your follow up policy be for the following patients in general (recognising that there will always be exceptions)

	Single consultation only	More frequent than annually	Annually	Every two years	Every three years or longer
Isolated nut allergy	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Food allergy BUT NOT nut allergy	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nut and other food allergies	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pollen food/oral allergy syndrome only	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Non-IgE type allergies (excluding FPIES)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
FPIES	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Complex allergy patients	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

usually refer to Paediatric Allergy Centre for further case.
under F-U needed for allergic rhinitis

Q118 It would be very helpful if you could describe in more detail your follow up policy, e.g. does your follow up policy vary according to patient age? If so, how?

Newly diagnosed patients are offered F-U early on. Nut/Food allergy - usually annually, possibly overall would vary and depend upon complexity, age, family requirements (for support/education etc)

Q119 Do you run an adolescent only clinic?

- ☒ Yes
☐ No

Q120 Do you run a transition clinic?

- ☒ Yes
☐ No

Q121 Does your hospital offer an adult allergy service?

- ☒ Yes
☐ No

Q122 What do you do with your patients when exceed the age threshold for your paediatric allergy service?

- ☐ Discharge all of them back to primary care
☐ Refer all of them to an adult allergy service
☐ Refer some of them to an adult allergy service

} See above response for

Q123 If you refer them on: What adult services do you refer your patients on to?

- ☒ Adult allergy service
- ☐ Adult dermatology service
- ☐ Adult respiratory service
- ☐ Other

If Other adult services, please specify