

# **UK Paediatric Allergy Services Survey**

In our previous Freedom of Information request, your trust was declared to be providing paediatric allergy services.

As a follow up <u>Freedom of Information request</u>, we are very grateful for you providing further information about these services.

We very much hope the results of this survey will help to contribute to improving the provision of paediatric allergy services in the UK.

The survey takes 30-45 mintues to complete. Please note the instructions to omit sections that don't apply to your paediatric allergy service. The expectation is that you will be able to answer the questions without having to seek additional information about your service. In places, we ask you to prove an estimate for your response - absolute precision is not necessary.

## 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 <u>the trust</u> you are responding on behalf of?
- 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:

#### 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

# 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 dietican 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)   |
| Q8 | If your paediatric allergy service includes Consultant Subspecialist Paediatricians: What are the subspeciality interests of the <u>Consultant Paediatric Subspecialists</u> involved in seeing paediatric allergy patients (please choose all that apply)   |
|    | Allergy  |
|    | Respiratory  |
|    | Dermatology  |
|    | Gastroenterology   |
|    |  |
|    | Other subspeciality (please specify below)   |
|    | Other Consultant Paediatric Subspeciality (please specify)   |
| 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   |

| Q10 | Do you have a | designated | lead for your | Paediatric Allergy | Service? |
|-----|---------------|------------|---------------|--------------------|----------|
|     |               |            |               |                    |          |

- ) Yes
- 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)

| 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?

| 0          | Yes |
|------------|-----|
| $\bigcirc$ | 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* 

#### **Junior Medical Staffing**

- 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**

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)  |
|     |  |
|     | n support  |
|     | paediatric allergy service has no dietican support please skip this section and go to the next section headed " <b>Paediatric</b><br><b>Clinics</b> " (Q25)  |
| Q22 | How much dietician support does your paediatric allergy service have?  |
|     | O No dietician support   |
|     | O Dietician present at all paediatric allergy clinics  |
|     | O Dietician present at some paediatric allergy clinics   |
|     | Dietician not present but sees paediatric allergy patients by referral from the paediatric allergy service   |
| 000 | l lauren distision time de constituie distais elleren comise her constituelle for non distais elleren estisateQ  |
| 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?<br><i>i.e. referrals for a paediatric allergy consultation NOT specifically a paediatric dietician consultation</i> |
|     | Yes  |
|     | ○ No   |
|     | $\sim$   |
|     | ric Allergy Clinics  |
| Q25 | In what kind of clinic are paediatric allergy patients seen?   |
|     | In general paediatric clinics amongst other paediatric patients  |
|     | In clinics with exclusively paediatric allergy patients  |
|     | O Both of the above  |
| 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?  |
|     | Paediatric allergy clinics with exclusively paediatric allergy patients  |
| 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 fo | r per |
|-----|--|-------|
|     | veek?  |       |

New Outpatient appointments each week

Follow Up appointments each week

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)

Follow Up appointment waiting time (months)

#### **Joint Clinics**

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

) Yes

) No

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

#### **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 <u>NEW</u> 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

 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 <i>average</i> appointment time for a <b>FOLLOW UP</b> paeminutes)<br>If you don't know the answer please enter a zero  | ediatric allergy consultation? (please answer in         |  |  |  |
|-----|---|--|--|--|--|
|     | Follow up appointment duration with the Consultant  |  |  |  |  |
|     | Follow up appointment duration with the Associate Specialist  |  |  |  |  |
|     | Follow up appointment duration with the Allergy Nurse Specialis   | t  |  |  |  |
|     | Follow up appointment duration with the Specialist Registrar  |  |  |  |  |
|     | Follow up appointment duration with the <b>Dietician</b>  |  |  |  |  |
| Q36 | If you undertake general paediatric clinics where paediatric allergy patients are seen: 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  |  |  |  |  |
| Q37 | If you undertake specialist paediatric allergy clinics: Please describe how your service templates clinics seeing exclusively paediatric allergy patients?  |  |  |  |  |
|     | 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 paediat  | ric 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 reimbuprovides?   | ursed per patient for the paediatric allergy services it |  |  |  |
|     | ◯ 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

C

| 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   |
| ick Testing  |
| rick testing is not undertaken in your paediatric allergy service please skip this section and go to the next section<br>"Intradermal Tests" (Q54) |
| Are skin prick tests usually undertaken on the same day or in a separate clinic on a different day?  |
| Same day   |
| O Different day  |
| 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 l     | be ticked)   |  |  |  |
|------|---|-----------------------------------|--|--|--|--|
|      | Soluprick (ALK)   |                                   |  |  |  |  |
|      | Allergy Therapeutics  |                                   |  |  |  |  |
|      | Immunotek   |                                   |  |  |  |  |
|      | Diagenics (Allergopharma)   |                                   |  |  |  |  |
|      | Other   |                                   |  |  |  |  |
|      | If Other SPT solution used, please state  |                                   |  |  |  |  |
| 0.47 |   |                                   |  |  |  |  |
| Q47  | If you use whole foods for testing: Which w   | vhole foods to you use for skin   | prick testing?                                     |  |  |  |
|      | Tahini (sesame)   |                                   |  |  |  |  |
|      | Fresh cow's milk  |                                   |  |  |  |  |
|      | Raw egg white   |                                   |  |  |  |  |
|      | Other food brought in by the patient  |                                   |  |  |  |  |
|      | U Nuts  |                                   |  |  |  |  |
|      | If Nuts, please state which   |                                   |  |  |  |  |
| Q48  | If you are using whole foods for testing. Fo  | or the foods that you are using f | for skin prick testing, do you use them alone      |  |  |  |
| Geno | (instead of the commercial solution), or as   |                                   | n  |  |  |  |
|      |   | Whole food only                   | Whole food and commercial<br>solution at same time |  |  |  |
|      | Sesame  | 0                                 | $\bigcirc$   |  |  |  |
|      | Fresh cow's milk  | $\bigcirc$                        | 0  |  |  |  |
|      | Raw egg white   | $\bigcirc$                        | $\bigcirc$   |  |  |  |
|      | Nuts if entered in Q47  | $\bigcirc$                        | $\bigcirc$   |  |  |  |
| Q49  | How does your service measure skin prick  | test wheal size?                  |  |  |  |  |
|      | Largest diameter of the wheal   |                                   |  |  |  |  |
|      | O Mean of the of largest diameter of the  | e wheal and its perpendicular d   | iameter  |  |  |  |
| Q50  | Do you deduct the size of the negative control from the allergen responses, if the negative control response is positive? |                                   |  |  |  |  |
|      | Yes   |                                   |  |  |  |  |
|      | <br>№   |                                   |  |  |  |  |
| Q51  | What do you consider a positive skin prick  | test response to an allergen?     |  |  |  |  |
| QUI  | $\bigcirc \ge 3 \text{ mm diameter}$  |                                   |  |  |  |  |
|      | Any positive response   |                                   |  |  |  |  |
| 050  | <u> </u>  | le les anne des des les est       | 1  |  |  |  |
| Q52  | Do you include the diameter of psuedopoo  | is when measuring the largest of  | diameter?  |  |  |  |
|      |   |                                   |  |  |  |  |
|      | ○ No  |                                   |  |  |  |  |
| Q53  | Do you have a threshold that the histamin interpretable?  | e positive control has to exceed  | to consider it valid and hence the tests to be     |  |  |  |
|      | Yes   |                                   |  |  |  |  |
|      | ◯ No  |                                   |  |  |  |  |
|      | If yes, what size does the histamine respo  | nse have to be greater or equa    | I to in millimetres?                               |  |  |  |

| Intrader | mal tests  |
|----------|--|
| Q54      | If you undertake intradermal testing: What do you offer intradermal testing to?  |
|          | Antibiotics  |
|          | Local anaesthetics   |
|          | General anaesthetics   |
|          | Bee/wasp venom   |
|          | Other  |
|          | If Other intradermal testing offered, please state to what?  |
| Compo    | nent testing   |
| If compo | onent 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   |
|          | 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 <b>routinely</b> measure, if you chose to measure them?            |
|          | ara h1   |
|          | ara h2   |
|          | ara h3   |
|          | ara h8   |
|          | ara h9   |
| Q58      | If you undertake hazeInut component testing: Who do you measure hazeInut components on?  |
|          | All suspected hazeInut allergic children   |
|          | Specific children  |
|          | Please describe what criteria determine who you chose to measure hazelnut components on  |
| Q59      | If you undertake hazeInut component testing: Which hazeInut components do you <b><u>routinely</u></b> measure, if you chose to measure them? |
|          | cor a1   |
|          | cor a8   |
|          | cor a9   |

cor a14

## Challenge tests

| Ghalle          | nge lesis                            |   |  |  |  |  |
|-----------------|--------------------------------------|---|--|--|--|--|
| Q60             | Are food and/or drug challenges o    | -   |  |  |  |  |
|                 | 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 o          | hallenges                            |   |  |  |  |  |
| Q61             | Who performs drug challenge test     | s at your service (please choose all that apply)                          |  |  |  |  |
|                 | Consultant                           |   |  |  |  |  |
|                 | Associate specialist                 |   |  |  |  |  |
|                 | Specialist registrar                 |   |  |  |  |  |
|                 | Allergy Nurse specialist             |   |  |  |  |  |
|                 | Paediatric Nurse                     |   |  |  |  |  |
|                 | Dietician                            |   |  |  |  |  |
|                 | Other                                |   |  |  |  |  |
|                 | If Other, please specify             |   |  |  |  |  |
| Q62             | What classes of drugs do you offe    | r challenges to ?   |  |  |  |  |
|                 | Analgesics - paracetamol             |   |  |  |  |  |
|                 | Analgesics - NSAIDs                  |   |  |  |  |  |
|                 | Antibiotics - IV                     |   |  |  |  |  |
|                 | Antibiotics - oral                   |   |  |  |  |  |
|                 | Local anaesthetic agents             |   |  |  |  |  |
|                 | General anaesthetic agents           |   |  |  |  |  |
|                 | Other                                |   |  |  |  |  |
|                 | If Other, please specify             |   |  |  |  |  |
| Food challenges |                                      |   |  |  |  |  |
| Q63             | What type of food challenges do y    | ou undertake? (please choose all that apply)                              |  |  |  |  |
|                 | Open food challenges                 |   |  |  |  |  |
|                 | Supervised feeds                     |   |  |  |  |  |
|                 | Blinded food challenges              |   |  |  |  |  |
| Q64             | Do you stratify your open food cha   | llenges into high risk and standard risk challenges?                      |  |  |  |  |
|                 | O Yes                                |   |  |  |  |  |
|                 | 🔘 No                                 |   |  |  |  |  |
| Q65             | Where do you undertake your cha      | lenges? (please choose all that apply)                                    |  |  |  |  |
|                 |                                      | Paediatric day Dedicated<br>ward challenge unit Outpatients Inpatient war |  |  |  |  |
|                 | Open food challenges                 |   |  |  |  |  |
|                 | Supervised feeds                     |   |  |  |  |  |
| Q66             | Do you have resuscitation facilities | immediately available for challenges?                                     |  |  |  |  |
|                 | O Yes                                |   |  |  |  |  |

O 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 patients undergoing challenges are supervised concurrently by each individual nurse or doctor?

| Open food challenges             |  |
|----------------------------------|--|
| Open food challenges - high risk |  |
| Supervised feeds                 |  |

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

#### Challenge test staffing

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 <u>led</u> challenges?
  - ) Yes
  - ) No

#### Q74 If nursing staff are undertaking nurse <u>led</u> challenges: 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

If Other arrangement, please specify

## 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  |
| Challer | nge 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   |
| 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  |
|         | O Unknown  |
|         | Other  |
|         | If Other, please specify   |

| Immur | otherapy  |  |  |  |  |  |  |
|-------|---|--|--|--|--|--|--|
| Q84   | Do you provide allergen specific immunotherapy for allergic rhinitis (po  | llen/HDM/pets)?                              |  |  |  |  |  |
|       | ○ Yes   |  |  |  |  |  |  |
|       | No If immunotherapy is not provided, please go to the   | e section headed "Omalizumab (Xolair)" (Q96) |  |  |  |  |  |
| Q85   | Which allergens do you offer immunotherapy to? (please choose all th  | at apply)                                    |  |  |  |  |  |
|       | Grass   |  |  |  |  |  |  |
|       | Tree  |  |  |  |  |  |  |
|       | House dust mite   |  |  |  |  |  |  |
|       | Pets  |  |  |  |  |  |  |
|       | Other   |  |  |  |  |  |  |
|       | If Other, please specify  |  |  |  |  |  |  |
| Q86   | Is the number of people you provide immunotherapy to capped each y  | ear?   |  |  |  |  |  |
|       | ◯ Yes   |  |  |  |  |  |  |
|       | Νο  |  |  |  |  |  |  |
| Q87   | Approximately, how many new patients do you offer immunotherapy to  | each year?                                   |  |  |  |  |  |
|       |   |  |  |  |  |  |  |
| Q88   | What form of immunotherapy do you undertake? (please choose all the   | at 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 subcutane that apply)   | ous immunotherapy (SCIT)? (please choose all |  |  |  |  |  |
|       | 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 immune   | otherapy coded i<br>As day case                   | in your service?<br>As outpatient<br>appointment                         | As inpatient<br>admission         | Unknown                 | Other                                      |  |  |
|--------|--|---|--|-----------------------------------|-------------------------|--|--|--|
|        | Sub-lingual (SLIT)   | Ó   | 0  | $\bigcirc$                        | $\bigcirc$              | $\bigcirc$                                 |  |  |
|        | Subcutaneous (SCIT)  | 0   | 0  | $\bigcirc$                        | $\bigcirc$              | $\bigcirc$                                 |  |  |
| Q92    | If Other form of coding used for im  | munotherapy, p                                    | lease specify  |                                   |                         |  |  |  |
|        |  |   |  |                                   |                         |  |  |  |
| Q93    | Do you maintain a database of chi  | Idren undergoin                                   | g immunotherapy  | /?                                |                         |  |  |  |
|        | ○ Yes  |   |  |                                   |                         |  |  |  |
| Q94    | Do you obtain written consent for p  | patients undergo                                  | aing immunothera   | voi                               |                         |  |  |  |
| QUI    | Yes  |   |  | ·P y ·                            |                         |  |  |  |
|        | ◯ No   |   |  |                                   |                         |  |  |  |
| Q95    | lf you use Grazax: Do you ask GP   | s to take over th                                 | e funding of Graz  | zax?                              |                         |  |  |  |
|        | O Yes  |   |  |                                   |                         |  |  |  |
|        | 🔘 No   |   |  |                                   |                         |  |  |  |
|        | If yes, after how long? (answer in r                                       | months please)                                    |  |                                   |                         |  |  |  |
| Omali  | zumab (Xolair)   |   |  |                                   |                         |  |  |  |
| Q96    | Do you offer omalizumab (Xolair) t   | herapy for seve                                   | re urticaria in you  | ır clinic?                        |                         |  |  |  |
|        | O Yes  |   |  |                                   |                         |  |  |  |
|        | ◯ No   |   |  |                                   |                         |  |  |  |
| Reintr | oduction 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:Ir                                       |   |  | eintroduction ladd                | er                      |  |  |  |
|        |  | lgE type allergy<br>(no asthma or<br>anaphylaxis) | <ul> <li>IgE type allergy<br/>(asthma but no<br/>anaphylaxis)</li> </ul> | lgE type allergy<br>(anaphylaxis) | Non-IgE type<br>allergy | Don't use a reintroduction ladder for this |  |  |
|        | Home introduction of well cooked (e.g. baked) egg                          |   |  |                                   |                         |  |  |  |
|        | Home introduction of lightly cooker<br>egg (if tolerating well cooked egg) | d 🗌   |  |                                   |                         |  |  |  |
|        | Home introduction of raw egg   |   |  |                                   |                         |  |  |  |
|        | Home introduction of dairy using<br>iMAP/MAP ladder                        |   |  |                                   |                         |  |  |  |
| Desen  | sitisation treatment/programs  |   |  |                                   |                         |  |  |  |
| Q99    | Do you provide desensitisation treater                                     | atment? (please                                   | choose all that a  | apply)                            |                         |  |  |  |
|        | Insect venom (bee/wasp)  |   |  |                                   |                         |  |  |  |
|        | Food   |   |  |                                   |                         |  |  |  |
|        | Drug   |   |  |                                   |                         |  |  |  |
|        | Desensitisation not provided   |   |  |                                   |                         |  |  |  |

| Q100    | 00 If you undertake desensitisation treatment to a food: For which foods do you provide desensitisation progr<br>(please choose all that apply) |                                  |  |  |  |  |  |
|---------|---|----------------------------------|--|--|--|--|--|
|         | Peanut  |                                  |  |  |  |  |  |
|         | Milk  |                                  |  |  |  |  |  |
|         | Egg   |                                  |  |  |  |  |  |
|         | Other   |                                  |  |  |  |  |  |
|         | If Other, please specify  |                                  |  |  |  |  |  |
| Alleney |   |                                  |  |  |  |  |  |
|         | reaction management   |                                  |  |  |  |  |  |
| Q101    | Which adrenaline autoinjector device does your service issue? (tick as  | many as apply)                   |  |  |  |  |  |
|         |   |                                  |  |  |  |  |  |
|         |   |                                  |  |  |  |  |  |
|         | Other   |                                  |  |  |  |  |  |
|         |   |                                  |  |  |  |  |  |
|         | If Other adrenaline autoinjector, please state which  |                                  |  |  |  |  |  |
| Q102    | Which antihistamine do you routinely prescribe for food allergic reactio  | ns?                              |  |  |  |  |  |
|         | 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  |                                  |  |  |  |  |  |
| Pationt | support and training  |                                  |  |  |  |  |  |
| Q104    |   | and that apply)                  |  |  |  |  |  |
| Q 104   | Where are your patient information sheets sourced from? (please choose all that apply)  |                                  |  |  |  |  |  |
|         | Locally designed  |                                  |  |  |  |  |  |
|         | Allergy UK  |                                  |  |  |  |  |  |
|         | Anaphylaxis Campaign  |                                  |  |  |  |  |  |
|         | From drug companies (Epipen/Emerade etc)  |                                  |  |  |  |  |  |
|         | From other centres  |                                  |  |  |  |  |  |
|         | Information sheets are not provided in the clinic   |                                  |  |  |  |  |  |
|         | Other   |                                  |  |  |  |  |  |
|         | 0   |                                  |  |  |  |  |  |
|         | 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  |
|      | 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  |   | u aware of | the | following   | NICE | Clinical | Guidelines  | 7 |
| Q 100 |   | a awaic oi |     | 10110101110 |      | omnour   | Guidolliloo |   |

|      |  | Yes - have read it<br>and implemented<br>it in our<br>paediatric allergy<br>service             | Yes - have read it  | Yes - but not<br>read it | No         |  |
|------|--|---|---------------------|--------------------------|------------|--|
|      | Food allergy in under 19s: assessment and diagnosis (CG116)            | $\bigcirc$  | $\circ$             | $\bigcirc$               | $\bigcirc$ |  |
|      | Anaphylaxis: assessment and referral after emergency treatment (CG134) | $\bigcirc$  | $\bigcirc$          | $\bigcirc$               | $\bigcirc$ |  |
|      | Drug allergy: diagnosis and management (CG183)                         | $\sim$  | $\bigcirc$          | $\bigcirc$               | $\bigcirc$ |  |
| Q107 | Do you have any comments you wish to                                   | make about the NIC  | E Clinical Guidelin | es for food and dru      | g allergy? |  |
|      | Yes  |   |                     |                          |            |  |
|      | ◯ No   |   |                     |                          |            |  |
|      | If Yes, please state comments  |   |                     |                          |            |  |
| Q108 | Are you aware of the RCPCH Allergy Car                                 | e Pathways?<br>Yes - have read it<br>and implemented<br>it in our paediatric<br>allergy service |                     | Yes - but not read<br>it | No         |  |
|      | Allergy care pathway for food allergy                                  | Ő   | $\cdot$ $\bigcirc$  | 0                        | $\bigcirc$ |  |
|      | Allergy care pathway for anaphylaxis                                   | $\bigcirc$  | $\bigcirc$          | $\bigcirc$               | $\bigcirc$ |  |
|      | Allergy care pathway for venom allergy                                 | $\bigcirc$  | $\bigcirc$          | $\bigcirc$               | $\bigcirc$ |  |
|      | Allergy care pathway for latex allergy                                 | $\bigcirc$  | $\bigcirc$          | $\bigcirc$               | $\bigcirc$ |  |
|      | Allergy care pathway for urticaria, angio-<br>oedema or mastocytosis   | $\bigcirc$  | $\bigcirc$          | $\bigcirc$               | $\bigcirc$ |  |
|      | Allergy care pathway for asthma and/or rhinitis                        | $\bigcirc$  | $\bigcirc$          | $\bigcirc$               | $\bigcirc$ |  |
|      |  |   |                     |                          |            |  |

yy

Yes

No

If Yes, please state comments

| Q110 | Do you hold a Multi-Disciplinary Te                                     | eam (MDT)    | meeting?       |             |                     |                 |                     |                     |
|------|---|--------------|----------------|-------------|---------------------|-----------------|---------------------|---------------------|
|      | O Yes   | ○ Yes        |                |             |                     |                 |                     |                     |
|      | O No  |              |                |             |                     |                 |                     |                     |
| Q111 | If you undertake a MDT meeting: I                                       | How freque   | ently are your | MDT meet    | ings held?          |                 |                     |                     |
|      | O Weekly  |              |                |             |                     |                 |                     |                     |
|      | Fortnightly   |              |                |             |                     |                 |                     |                     |
|      | Monthly   |              |                |             |                     |                 |                     |                     |
|      | C Every two months  |              |                |             |                     |                 |                     |                     |
|      | <ul> <li>Every three months</li> </ul>                                  |              |                |             |                     |                 |                     |                     |
|      | Other   |              |                |             |                     |                 |                     |                     |
| Q112 | Is your service part of a Regional                                      | Paediatric / | Allergy Netwo  | ork?        |                     |                 |                     |                     |
|      | O Yes   |              |                |             |                     |                 |                     |                     |
|      | 🔘 No  |              |                |             |                     |                 |                     |                     |
|      | If yes, which Network and how doe                                       | es the link  | work in practi | ce?         |                     |                 |                     |                     |
| Q113 | Is your service formally linked to a tertiary Paediatric Allergy Centre |              |                |             |                     |                 |                     |                     |
|      | O Yes   |              |                |             |                     |                 |                     |                     |
|      | 🔘 No  |              |                |             |                     |                 |                     |                     |
|      | If yes, which tertiary Paediatric Alle work in practice?                | ergy Centre  | e and how do   | es the link |                     |                 |                     |                     |
| Q114 | Do you offer paediatric allergy edu                                     | cational ev  | vents? (please | e choose al | ll that apply)      |                 |                     |                     |
|      | For General Practitioners   |              |                |             |                     |                 |                     |                     |
|      | For colleagues in your hospital   |              |                |             |                     |                 |                     |                     |
|      | For members of the public   |              |                |             |                     |                 |                     |                     |
|      | Not offered   |              |                |             |                     |                 |                     |                     |
|      | Other   |              |                |             |                     |                 |                     |                     |
|      | If Other, please specify  |              |                |             |                     |                 |                     |                     |
| Q115 | If you offer paediatric allergy educ                                    | ational eve  | nts: How ofte  | n do you ol | -                   | Every           |                     |                     |
|      |   | Weekly       | Fortnightly    | Monthly     | Every two<br>months | three<br>months | Every six<br>months | Annually<br>or less |
|      | For General Practitioners   | Ó            | Õ              | Ó           | $\bigcirc$          | $\bigcirc$      | $\bigcirc$          | $\bigcirc$          |
|      | For colleagues in your hospital   | $\bigcirc$   | $\bigcirc$     | $\bigcirc$  | $\bigcirc$          | $\bigcirc$      | $\bigcirc$          | $\bigcirc$          |

0

C

0

0

0

Other

# Follow up arrangements in your service

For members of the public

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)

| nut allergy                      | Single<br>consultation<br>only   | More<br>frequent than<br>annually  | Annually  | Every two<br>years   | Every three<br>years or<br>longer   |  |
|----------------------------------|--|--|---|--|---|--|
| ergy BUT NOT nut allergy         | $\bigcirc$   | $\bigcirc$   | $\bigcirc$  | $\bigcirc$   | $\bigcirc$  |  |
| other food allergies             | $\bigcirc$   | $\bigcirc$   | $\bigcirc$  | $\bigcirc$   | $\bigcirc$  |  |
| od/oral allergy syndrome only    | $\bigcirc$   | $\bigcirc$   | $\bigcirc$  | $\bigcirc$   | $\bigcirc$  |  |
| type allergies (excluding FPIES) | $\bigcirc$   | $\bigcirc$   | $\bigcirc$  | $\bigcirc$   | $\bigcirc$  |  |
|                                  | $\bigcirc$   | $\bigcirc$   | $\bigcirc$  | $\bigcirc$   | $\bigcirc$  |  |
| allergy patients                 | $\bigcirc$   | $\bigcirc$   | $\bigcirc$  | $\bigcirc$   | $\bigcirc$  |  |
|                                  | nut allergy<br>ergy BUT NOT nut allergy<br>other food allergies<br>od/oral allergy syndrome only<br>type allergies (excluding FPIES) | consultation only         nut allergy         ergy BUT NOT nut allergy         other food allergies         od/oral allergy syndrome only         type allergies (excluding FPIES) | consultation only       frequent than annually         nut allergy       O         ergy BUT NOT nut allergy       O         other food allergies       O         od/oral allergy syndrome only       O         type allergies (excluding FPIES)       O         O       O | consultation only annually annually       Annually         nut allergy       Image: Consultation only annually annually       Image: Consultation only annually         ergy BUT NOT nut allergy       Image: Consultation only annually       Image: Consultation only annually         other food allergies       Image: Consultation only annually       Image: Consultation only annually       Image: Consultation only annually         other food allergies       Image: Consultation only annually       Image: Consultation only annually       Image: Consultation only annually       Image: Consultation only annually         type allergies (excluding FPIES)       Image: Consultation only annually       Image: Consultation only annually       Image: Consultation only annually         Image: Consultation only allergies (excluding FPIES)       Image: Consultation only annually       Image: Consultation only annually       Image: Consultation only annually         Image: Consultation only allergies (excluding FPIES)       Image: Consultation only annually       Image: Consultation only annually       Image: Consultation only annually         Image: Consultation only allergies (excluding FPIES)       Image: Consultation only annually       Image: Consultation only annually       Image: Consultation only annually | consultation only annually annually       Annually years         nut allergy       Image: Annually only image: Annually years       Image: Annually image: Annually years         ergy BUT NOT nut allergy       Image: Annually only image: Annually image: Annually years       Image: Annually image: Annually years         other food allergies       Image: Annually only image: Annually image: Annualimage: Annually image: Annually image: Annuall | consultation only       frequent than annually       Every two years or longer         nut allergy       Image: Consultation only       Annually       Years       Image: Consultation only         ergy BUT NOT nut allergy       Image: Consultation only       Image: Consultation only |

| 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?   |

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

Adult allergy service

Adult respiratory service

Other

If Other adult services, please specify

## Many thanks for completing the questionnaire

Q124 When our survey of all UK paediatric allergy services is complete would you like to receive a copy of the results?

|   |   | Vaa |
|---|---|-----|
| - | ) | Yes |

) No

If yes, please can you confirm your email address for us to send the survey results to:

Q125 Are you happy for your service to be identifiable by name for bench marking purposes?

) Yes

) No

## Please would you now return the completed questionnaire to us. (NB Your FOI department will require a completed copy for their records)

## Options for how to send it back to us are:

1. Scan the completed questionnaire and email it to michael.perkin@nhs.net

2. Post it to: Dr Michael Perkin Room 1.27, 1st Floor, Jenner Wing Population Health Research Institute St George's, University of London Cranmer Terrace London, SW17 0RE