Many thanks for taking part in this first phase of the NAP6: Perioperative Anaphylaxis in the UK. The survey will take around 5 minutes to complete.

**SCOPE:**
The survey includes questions about perioperative anaphylaxis including your personal recollection of cases from the last 12 months, local arrangements for management and your personal attitudes.

**METHODS:**
The survey is for all anaesthetists (including trainees) working in all UK NHS hospitals.

**GUIDANCE:**
1. In this survey, 'perioperative' means the period between the administration of pre-medication, anaesthesia, sedation or managed anaesthesia care (standby care) and the transfer of the patient from the theatre environment. Please include reactions starting in the recovery room, but not after transfer to any ward.
2. To avoid double-reporting, for ALL questions, please report only cases where you were the most senior anaesthetist present at any time during the perioperative period.
3. Please record only those cases where the patient experienced suspected anaphylaxis – i.e. a hypersensitivity reaction with severe hypotension and/or bronchospasm and/or swelling with actual or potential airway compromise. The survey is not intended to collect data on minor reactions or harmless transient cutaneous flushing as an isolated feature.
4. Please report suspected as well as proven anaphylaxis cases.
5. Please include cases in all NHS hospitals you have worked in during the past 12 months. Do not include cases from non-NHS hospitals.

We have created a downloadable PDF of the survey questions should you need to research any information before completion. Please click here to access the document.

**NB: You will still need to submit your answers electronically for them to be counted.**

**PLEASE NOTE:** If you are using a public computer to complete the survey you will need to submit all your answers in one sitting. If you use one of your own devices (laptop/tablet/smart phone) to complete the survey your answers will be saved and you can partially complete the survey and come back to complete it at your leisure.
Please read the Guidance on the previous page carefully before answering these questions.

**Personal experience of perioperative anaphylaxis**

1. In the last 12 months how many cases of suspected perioperative anaphylaxis have you seen in patients directly under your care: i.e. you anaesthetised or sedated the patient?
   - [ ] 0
   - [ ] 1
   - [ ] 2
   - [ ] 3
   - [ ] 4
   - [ ] 5
   - [ ] 6
   - [ ] More (please specify)
2. In the last 12 months how many times have you been called to assist in the urgent management of suspected perioperative anaphylaxis in other patients?

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- More (please specify)

**If you answered ‘0’ for both Q1 & Q2 please skip to Question 6**
Of these cases (those you saw directly PLUS those you assisted with i.e. combining answers to Q1 & Q2):

3. What were the causes

Anaphylactic reaction 1
Anaphylactic reaction 2
Anaphylactic reaction 3
Anaphylactic reaction 4
Anaphylactic reaction 5
Anaphylactic reaction 6

4. How many patients were referred for investigation by:

<table>
<thead>
<tr>
<th></th>
<th>0 patients</th>
<th>1 patient</th>
<th>2 patients</th>
<th>3 patients</th>
<th>4 patients</th>
<th>5 patients</th>
<th>6 patients</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yourself</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Another anaesthetist</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The patient's GP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
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</tbody>
</table>

If you answered other - please specify who made the referral

5. If the patient was not referred, it was because:

<table>
<thead>
<tr>
<th></th>
<th>0 patients</th>
<th>1 patient</th>
<th>2 patients</th>
<th>3 patients</th>
<th>4 patients</th>
<th>5 patients</th>
<th>6 patients</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patient died</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reaction not severe enough</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uncertainty about the referral pathway</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Forgot</td>
<td></td>
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</tbody>
</table>

Other - please specify the reason and number of patients
Personal experience of perioperative anaphylaxis

6. In how many cases was the diagnosis of anaphylaxis confirmed by subsequent investigation?

☐ 0
☐ 1
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6
☐ More (please specify)

7. In how many cases did you contact a specialist allergy/immunology clinic for advice by phone or e-mail?

☐ 0
☐ 1
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6
☐ More (please specify)

8. How many patients were transferred to HDU or ICU as a direct result of suspected perioperative anaphylaxis?

☐ 0
☐ 1
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6
☐ More (please specify)
9. How many patients died as a consequence of perioperative anaphylaxis?

☐ 0
☐ 1
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6
☐ More (please specify)

10. How many cases did you report via the MHRA yellow card system?

☐ 0
☐ 1
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6
☐ More (please specify)

11. How many cases did you report through your hospital incident reporting system?

☐ 0
☐ 1
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6
☐ More (please specify)
12. In how many of your personal referrals did you complete an AAGBI referral form? To view the form [click here]

☐ 0
☐ 1
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6

☐ More (please specify)
13. How long have you been an anaesthetist? (please specify the number of years)

14. How many cases of severe anaphylaxis have you seen in your career?

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- More (please specify)

15. How many patients in your direct care have died as a consequence of perioperative anaphylaxis?

- 0
- 1
- 2
- 3
- 4
- More (please specify)
If your next patient has a suspected anaphylactic reaction during anaesthesia or sedation:

16. Do you have immediate access to anaphylaxis guidelines in your theatre?
   - Yes
   - No
   - Don't know

17. Do you have a departmental pathway for referring suspected anaphylaxis patients for further investigation?
   - Yes
   - No
   - Don't know

18. Do you know where to refer the patient for further investigation?
   - Yes
   - No

19. Do you have specific, labelled anaphylaxis pack (distinct from the usual emergency drug box) in your theatre or nearby?
   - Yes
   - No
   - Don't know

20. Do you have a departmental lead anaesthetist for perioperative anaphylaxis?
   - Yes
   - No
   - Don't know
21. Do you generally try to avoid any particular drug/substance as a result of perceived high risk of anaphylaxis?

☐ Yes

☐ No

22. If you answered yes to the question above, please explain the reasons why? For example; personal experience, heard of several cases, information published in journals etc.

<table>
<thead>
<tr>
<th>Drug/substance 1</th>
<th>Reasons for avoidance</th>
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<table>
<thead>
<tr>
<th>Drug/substance 2</th>
<th>Reasons for avoidance</th>
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<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Drug/substance 3</th>
<th>Reasons for avoidance</th>
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23. In your perception, which current perioperative drug (or other substance) has the highest rate of anaphylaxis associated with it? i.e. reactions per 1,000 doses. Please record your top 3 in order, most likely first:

<table>
<thead>
<tr>
<th>Drug or other substance: 1</th>
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<tbody>
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<table>
<thead>
<tr>
<th>Drug or other substance: 2</th>
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</table>

<table>
<thead>
<tr>
<th>Drug or other substance: 3</th>
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</table>

24. Do you routinely administer a test dose of antibiotics?

☐ Yes

☐ No

☐ Other (please specify)

[blank space]

25. Have any of your patients had a reaction to a test dose of an antibiotic?

☐ Yes

☐ No
Thank you for completing the NAP6 Baseline Survey - Anaesthetists. Your time is greatly appreciated. Please click the button below to 'SUBMIT' your answers.