

**APAGBI SURVEY AND AUDIT SUB-COMMITTEE**

**Template Report for Surveys of the APA Membership**

**Survey Title:**

Perceptions of paediatric anaesthetists on the use of propofol in egg/soy/peanut allergy

**Survey Authors:**

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**Brief Description of Purpose:**

To evaluate the practises of paediatric anaesthetists with respect to propofol use in patients with a history of immediate allergies to egg, soy or peanut.

**Category of Membership Surveyed: (e.g. all, home, overseas, linkmen, trainee):**

An online questionnaire accessible via Survey Money was sent to members of the Association of Paediatric Anaesthetists of Great Britain and Ireland and the Society for Paediatric Anaesthesia in New Zealand and Australia.

**Dates of Survey:**

3 month time period

**Number of Responses:**

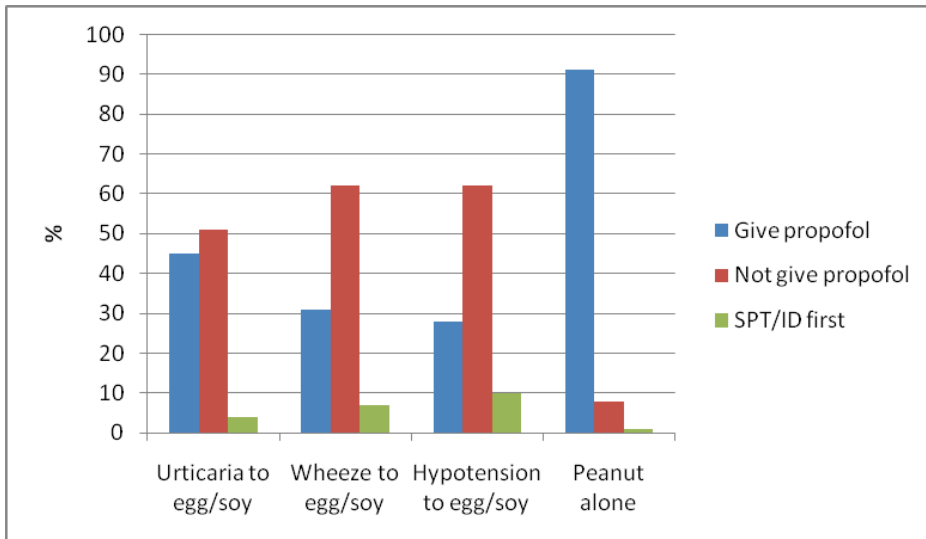
349 responses

**Most respondents:**

- Were consultants (88%)
- Practiced in Australia (17%), New Zealand (4%) or the United Kingdom (England 59%, Scotland 5%, Ireland 3% and Wales 2%).
- 10% of anaesthetists practised in one of 17 other countries

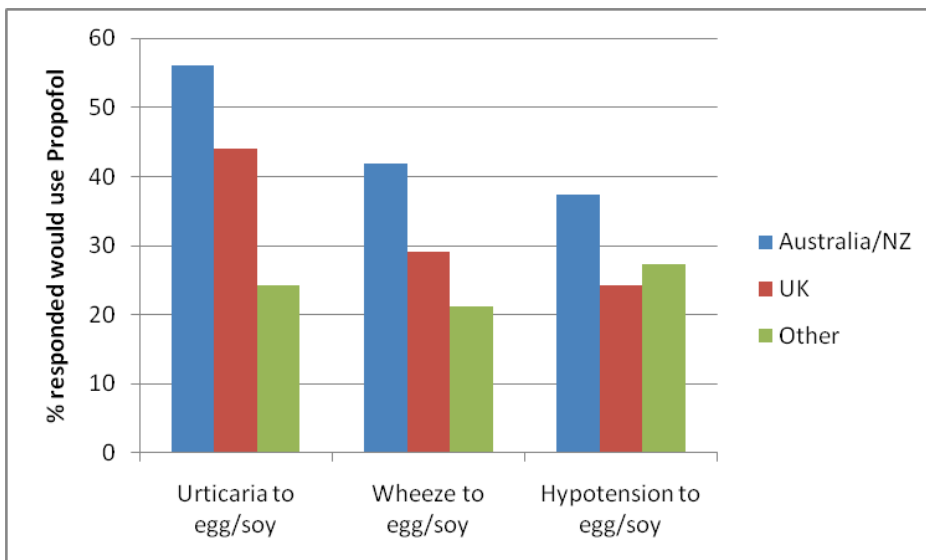
**Outline Findings of Survey:**

- Most anaesthetists would not administer propofol in those with egg/soy allergy but would in peanut allergic children



\* SPT/ID = skin prick test/intradermal test

- Australian/NZ anaesthetists were more likely to administer propofol in those with egg/soy allergy



- Anaesthetists who would give propofol in those with urticaria to egg/soy, were more likely to use propofol in those with wheeze/hypotension to egg/soy ( $p < 0.05$  for both evaluations).
- Trainees were more likely than consultants to perform SPT/ID testing to propofol first in those with urticaria/wheeze to egg ( $p < 0.05$  for both evaluations)

**Intended Publication/Presentation:**

Intend to publish results

**Follow up Actions Required:**

Although there were regional differences, most paediatric anaesthetists reported they would not use propofol in those with egg/soy allergy.

The vast majority reported they would use propofol in individuals with peanut allergy alone. We suggest warning labels need to specify peanut hypersensitivity alone is not a contraindication for propofol use.

**Other Comments:**

*Contrary to published guidelines and recent evidence, most paediatric anaesthetists would not administer propofol to patients with a history of mild-moderate egg/soy allergy*

**Date Submitted to Survey Lead:**

**Submitted by:**

Dr Sam Mehr