

Supplementary File 1: Data Collection Instrument (Questionnaire)

Section 1: Participant Characteristics

Q1.1 Age group

- ☐ 20–24
- ☐ 25–29
- ☐ 30–34
- ☐ 35–39
- ☐ 40 or older
- ☐ Prefer not to say

Q1.2 Gender (optional)

- ☐ Female
- ☐ Male
- ☐ Non-binary / other
- ☐ Prefer not to say

Q1.3 Irish medical school attended

- ☐ University College Dublin
- ☐ Trinity College Dublin
- ☐ University College Cork
- ☐ University of Galway
- ☐ RCSI University of Medicine and Health Sciences
- ☐ University of Limerick
- ☐ Other Irish medical school

Q1.4 Year of graduation

- ☐ 2023
- ☐ 2024
- ☐ 2025

Section 2: Undergraduate Anaesthesia Exposure

Q2.1 Did you attend a **dedicated undergraduate anaesthesia rotation** during medical school?

- ☐ Yes
- ☐ No
- ☐ Unsure

Q2.2 Approximate total duration of undergraduate anaesthesia exposure (including ICU and theatre attachments)

- ☐ None
- ☐ Less than 1 week
- ☐ 1–2 weeks
- ☐ 3–4 weeks
- ☐ More than 4 weeks

Q2.3 Which of the following teaching formats did you experience during undergraduate anaesthesia teaching?
(Select all that apply)

- ☐ Theatre-based clinical exposure
- ☐ One-to-one teaching with anaesthesia doctors
- ☐ Small-group tutorials
- ☐ Simulation-based teaching
- ☐ Airway skills workshops
- ☐ Perioperative medicine teaching
- ☐ Online or recorded teaching
- ☐ None of the above

Q2.4 Approximately how many days did you spend in operating theatres observing anaesthesia as an undergraduate?

- ☐ 0
- ☐ 1–2 days
- ☐ 3–5 days
- ☐ 6–10 days
- ☐ More than 10 days

Section 3: Assessment and Engagement

Q3.1 Was anaesthesia formally assessed during your undergraduate training?

- ☐ Yes – summative assessment
- ☐ Yes – formative assessment only
- ☐ No
- ☐ Unsure

Q3.2 To what extent did assessment weighting influence your engagement with anaesthesia teaching? (ie how did anaesthesia assessment weighing affect your motivation to dedicate study time to the subject)

- ☐ Not at all
- ☐ Slightly
- ☐ Moderately
- ☐ Significantly
- ☐ Very significantly

Section 4: Preparedness for Anaesthesia Internship

Please indicate how prepared you felt at the start of your anaesthesia intern rotation for the following tasks.

Response options for all items:

- 1 = Not at all prepared
- 2 = Slightly prepared
- 3 = Moderately prepared
- 4 = Well prepared
- 5 = Very well prepared

Q4.1 Performing a structured pre-operative assessment

Q4.2 Understanding basic anaesthetic monitoring (ECG, non-invasive blood pressure, oxygen saturation, capnography)

Q4.3 Preparing an anaesthetic workspace and equipment

Q4.4 Mask ventilation

Q4.5 Airway assessment

Q4.6 Assisting with airway management (e.g. laryngoscopy, supraglottic airway use)

Q4.7 Understanding indications for commonly used anaesthetic drugs

Q4.8 Managing common peri-operative problems (e.g. hypotension, desaturation)

Q4.9 Communicating effectively with the anaesthesia team in theatre

Q4.10 Overall preparedness for an anaesthesia intern role

Section 5: Overall Perceptions

Q5.1 Overall, how adequate do you feel your undergraduate training was in preparing you for anaesthesia internship?

- ☐ Very inadequate
- ☐ Inadequate
- ☐ Neither adequate nor inadequate
- ☐ Adequate
- ☐ Very adequate

Section 6: Free-Text Feedback (Optional)

Q6.1 What aspects of undergraduate anaesthesia teaching were most helpful in preparing you for internship?

Q6.2 What improvements would you suggest for undergraduate anaesthesia education in Ireland?

Q6.3 Any additional comments?