

A pilot study assessing the Cook Staged Extubation Set for endotracheal tube insertion in simulated difficult airway in patients undergoing routine intubation for elective surgery

ACTRN12615000452594

Status	RECRUITING
Sponsor	The Townsville Hospital
Enrollment	30 participants

Plain Language Summary

This pilot study is testing whether a special kit (the Cook Staged Extubation Set) can help with re-insertion of a breathing tube in patients who have a difficult airway. Thirty patients undergoing routine elective surgery requiring general anaesthesia will be enrolled, and a difficult airway will be safely simulated during the procedure.

You may be eligible if:

- You are 18 years of age or older
- You are scheduled for elective surgery that requires a breathing tube (intubation)

You may NOT be eligible if:

- You have significant other medical conditions (ASA physical status greater than 2)
- Your body mass index (BMI) is above 35
- You have previously had a very difficult intubation (Cormack-Lehane grade above 2)
- You have previously needed special tools to be intubated
- You have a condition that causes your oxygen to drop quickly when you stop breathing
- You have a condition that makes using a face mask to breathe difficult
- You are planned for a rapid sequence intubation

Talk to your doctor about whether this trial might be right for you.

Key Eligibility Criteria

Inclusion (2)

- Adults
- Elective surgical patients requiring intubation

Exclusion (7)

- American Society of Anaesthesiologists ("ASA") physical status classification >2
- Body Mass Index ("BMI") >35
- Previously recorded Cormack and Lehane ("C&L") classification > grade 2 laryngeal view
- Previously recorded need to use an accessory device to accomplish tracheal intubation, eg. Froya Airway Intubating Catheter or Gum Elastic Bougie
- Any disease or condition that may significantly reduce the time between the onset of apnoea and arterial haemoglobin oxygen desaturation

... and 2 more (see full listing online)

Locations (1 total)

The Townsville Hospital - Douglas, QLD, Australia
<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12615000452594>

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