

# Comparison of the Macintosh laryngoscope vs KingVision video-laryngoscope for routine tracheal intubation

ACTRN12614000609651

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Status	RECRUITING
Phase	Phase 4
Sponsor	Dr Wendy H.L. Teoh
Enrollment	60 participants

## Plain Language Summary

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This study compares two tools used by anaesthetists to insert a breathing tube (endotracheal tube) during surgery: the traditional Macintosh laryngoscope (a standard device with a curved blade) and the newer KingVision video laryngoscope (which uses a small camera to give a clear view of the airway on a screen). The study aims to find out which tool is faster and easier to use in female patients with normal airways having gynaecological, breast, or plastic surgery.

You may be eligible if:

- You are a female patient between 22 and 90 years old
- You are having gynaecological, breast, or plastic reconstructive surgery
- You have a normal airway (as assessed by the anaesthetist)
- You are of Asian heritage

You may NOT be eligible if:

- You have a history of difficult intubation
- You are morbidly obese (BMI above 40)
- You have a hiatus hernia or symptomatic acid reflux
- You are at high risk of regurgitation or aspiration during anaesthesia

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

## Key Eligibility Criteria

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### Inclusion (1)

- Asian patients with normal airway parameters (eg. Mallampati 1-2, thyromental distance greater than or equal to 6.5 cm, sternomental distance greater than or equal to 12.5cm, interincisor distance greater than or equal to 4cm, ability to prognath, and normal head/neck movement) scheduled for gynaecological, breast or plastic reconstructive surgery at our women's hospital.

### Exclusion (1)

- Patients with previously documented difficult tracheal intubation, the morbidly obese (BMI > 40), those with a hiatus hernia, suffering symptomatic gastroesophageal reflux, and those at high risk of regurgitation or aspiration.

## Locations (1 total)

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Singapore

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<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12614000609651>

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