

# A comparison of videolaryngoscopes GlideScope and KingVision for nasotracheal intubation in maxillofacial patients with predicted difficult airway

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**Status** RECRUITING  
**Sponsor** General University Hospital in Prague  
**Enrollment** 110 participants

## Plain Language Summary

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This study is comparing two types of video camera laryngoscopes — specialised devices used to guide a breathing tube into a patient's airway through the nose during surgery. Patients needing jaw or dental surgery sometimes have limited mouth opening, making standard airway management very challenging. Video laryngoscopes allow the surgical team to see inside the airway on a screen, improving safety.

The two devices being compared are the GlideScope Titanium and the KingVision. Patients scheduled for this type of surgery will be randomly assigned to have their airway managed with one of the two devices, and the time taken to successfully place the breathing tube will be recorded along with the number of attempts required.

To be eligible, you need to be an adult patient scheduled for emergency jaw or dental surgery requiring a breathing tube placed through the nose, with limited mouth opening or a high Mallampati score (an indicator of potentially difficult airway management). This trial is being conducted at a hospital in Prague, Czech Republic.

## Key Eligibility Criteria

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### Inclusion (2)

- emergency procedures of maxillofacial and dental surgery requiring nasotracheal intubation
- expected difficult airway management - limited mouth opening (less than 2.5 cm), Mallampati score 3 or 4

### Exclusion (3)

- Inability to communicate in Czech language
- Inability to understand and sign the informed consent
- Expected easy tracheal intubation

## Locations (1 total)

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Czech Republic