The supraglottic airway with a non-inflatable cuff

Airway Management

Airway Management • Airway Devices

Interact with us

www.intersurgical.com
Airway management has evolved

Introducing the i-gel*: a revolutionary single use supraglottic airway from Intersurgical.

i-gel and natural airway management
The i-gel is a truly unique single use, latex and PVC free airway device, representing the culmination of years of extensive research and development. Everything about the i-gel has been designed to work in perfect unison with the anatomy; the i-gel design was inspired by the physiology of the perilaryngeal framework itself – airway management as nature might have intended.

Accurate and natural positioning
The i-gel accurately and naturally positions itself over the laryngeal framework, providing a reliable perilaryngeal seal without the need for an inflatable cuff.

i-gel mirrors the anatomy
The shape, softness and contours accurately mirror the perilaryngeal anatomy to create the perfect fit. This innovative concept means that no cuff inflation is required. The i-gel works in harmony with the patient’s anatomy so that compression and displacement trauma are significantly reduced or eliminated.

The non-inflatable cuff
i-gel gets its name from the soft gel-like material from which it is made. It is the innovative application of this material that has enabled the development of a unique non-inflatable cuff. This key feature means insertion of i-gel is easy, rapid and consistently reliable.

The simple, safe and rapid solution
i-gel is incredibly easy to use. A proficient user can achieve insertion of the i-gel in less than 5 seconds. With no inflatable cuff, i-gel provides a safe and rapid airway management solution.

Paediatrics
i-gel is now available in four paediatric as well as three adult sizes, making it applicable for use with patients between 2–90+kg. Paediatric i-gel is indicated for securing and maintaining a patient airway in routine and emergency anaesthetics for operations of fasted patients during spontaneous or intermittent positive pressure ventilation (IPPV).

Additional information available
An i-gel user guide, clinical study material and other support documentation is available to download from the i-gel website at www.i-gel.com.

Adults
Adult i-gel is indicated for securing and maintaining a patient airway in routine and emergency anaesthetics of fasted patients, during spontaneous or intermittent positive pressure ventilation (IPPV), during resuscitation of the unconscious patient, and as a conduit for intubation under fibreoptic guidance in a known or unexpectedly difficult intubation, by personnel who are suitably trained and experienced in the use of airway management techniques and devices.

Video available at www.intersurgical.com
Features and benefits

The i-gel® has a host of features that provide significant benefits to the patient and the clinician.

- **15mm connector**
  Reliable connection to any standard catheter mount or connection

- **Proximal end of gastric channel**
  The i-gel incorporates a gastric channel (except size 1). It provides an early warning of regurgitation, allows for the passing of a nasogastric tube to empty the stomach contents and facilitates venting

- **Clearly displayed product information**
  Reliable connection to any standard catheter mount or connection

- **Position guide (adult sizes only)**
  Easy confirmation of optimum insertion depth

- **Integral bite block**
  Reduces the possibility of airway channel occlusion

- **Buccal cavity stabiliser**
  Aids insertion and eliminates the potential for rotation

- **Epiglottic rest**
  Reduces the possibility of epiglottic ‘down folding’ and airway obstruction

- **The non-inflatable cuff**
  Made from a unique soft gel-like material allowing ease of insertion and reduced trauma

- **Distal end of gastric channel**

The adult sizes of i-gel can be used as a conduit for intubation under fibreoptic guidance in a known or unexpectedly difficult intubation.
Innovative packaging

The i-gel® supraglottic airway is supplied in a fully recyclable protective cradle or cage pack. This unique packaging protects the i-gel in transit and ensures that it maintains its anatomical shape. i-gel is available in seven sizes.

### References

6. D Haske, B Schempf, G Gaier, C Nienderberger. Performance of the i-gel® during pre-hospital cardiopulmonary resuscitation. Resuscitation 2013 Sep; 84(9):1229-32