Efficient
High volume, low pressure cuffs guarantee the ideal ratio of airway leak pressure to cuff pressure

Safe
Manufactured with very soft material, atraumatic for the patient

Drain Tube
Recommended as the new standard in international guidelines

Complete Range
Available from newborn to adult

Attractive Price
Improved manufacturing process to reduce costs

Based on Experience
More than 16 million clinical insertions of Laryngeal Tubes worldwide

LTS-D
The 2nd generation supraglottic airway device – ideal for clinical use and pre-hospital environment
The Laryngeal Tube Suction Disposable (LTS-D)

16 million clinical insertions worldwide – a number that relies on confidence and reliability. Our experts continue to develop the product alongside customers to maximise safety, functionality and comfort.

The LTS-D complies with international guidelines and recognised industry algorithms. The NAP4*, one of the most important international anaesthesia reports, recommends using 2nd generation supraglottic airway devices that prevent the risk of aspiration by incorporating a built-in drain tube. All LTS-D’s come with this feature as standard.

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The LTS-D also stands out for its unique high volume, low pressure cuffs. The extremely thin wall is atraumatic to the pharyngeal mucosa, and seals the hypopharynx reliably at low cuff pressures. Soft material and rounded edges additionally enhance patient comfort and safety.

The LTS-D is designed to be easy to use with minimal training. The colour coded system has proven invaluable in emergencies as the syringe indicates the recommended maximum inflation volume. The Laryngeal Tube allows correct ventilation - even in situations with limited space.

Effective Ventilation
The design of the ventilation section offers more space in the hypopharynx. Multiple ventilation outlets between both cuffs lie in front of the larynx, allowing an appropriate tidal volume.

Drain Tube
Providing the largest suction capabilities – can accommodate up to 18 Fr tube.

The NAP4 report recommends “…that all hospitals have second generation supraglottic airway devices available for both routine use and rescue airway management.”*

Also recommended by the European Resuscitation Council (ERC).

Patient Safety
Thin walled cuffs guarantee a maximum airway leak pressure at low cuff pressure (< 60 cm H₂O) making the LTS-D atraumatic to the mucosa.

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Colour Coding
Connector and syringe are colour coordinated and clearly indicate the maximum recommended inflation volume during cuff inflation.

Established
Renowned international medical organisations have included the Laryngeal Tube as part of their current guidelines.

* NAP4 (4th National Audit Project of the Royal College of Anaesthetists and the Difficult Airway Society) Major Complications of Airway Management in the United Kingdom, March 2011, Chapter 11, page 95
<table>
<thead>
<tr>
<th>Size</th>
<th>Patient</th>
<th>Weight / height</th>
<th>Colour</th>
<th>Single Set with colour coded syringe</th>
<th>Set of 10 Emergency Set with colour coded syringe</th>
<th>Drain tube</th>
<th>Fiberscope</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Newborn</td>
<td>&lt; 5 kg</td>
<td>transparent</td>
<td>REF 32-06-100-1</td>
<td>REF 32-06-000-1</td>
<td>10 Fr</td>
<td>&lt; 3.0 mm</td>
</tr>
<tr>
<td>1</td>
<td>Infant</td>
<td>5-12 kg</td>
<td>white</td>
<td>REF 32-06-101-1</td>
<td>REF 32-06-001-1</td>
<td>10 Fr</td>
<td>&lt; 3.0 mm</td>
</tr>
<tr>
<td>2</td>
<td>Child</td>
<td>12-25 kg</td>
<td>green</td>
<td>REF 32-06-102-1</td>
<td>REF 32-06-002-1</td>
<td>16 Fr</td>
<td>&lt; 4.0 mm</td>
</tr>
<tr>
<td>2.5</td>
<td>Child</td>
<td>125-150 cm</td>
<td>orange</td>
<td>REF 32-06-125-1</td>
<td>REF 32-06-025-1</td>
<td>16 Fr</td>
<td>&lt; 4.0 mm</td>
</tr>
<tr>
<td>3</td>
<td>Adult</td>
<td>&lt; 155 cm</td>
<td>yellow</td>
<td>REF 32-06-103-1</td>
<td>REF 32-06-003-1</td>
<td>18 Fr</td>
<td>&lt; 6.0 mm</td>
</tr>
<tr>
<td>4</td>
<td>Adult</td>
<td>155-180 cm</td>
<td>red</td>
<td>REF 32-06-104-1</td>
<td>REF 32-06-004-1</td>
<td>18 Fr</td>
<td>&lt; 6.0 mm</td>
</tr>
<tr>
<td>5</td>
<td>Adult</td>
<td>&gt; 180 cm</td>
<td>purple</td>
<td>REF 32-06-105-1</td>
<td>REF 32-06-005-1</td>
<td>18 Fr</td>
<td>&lt; 6.0 mm</td>
</tr>
</tbody>
</table>

Non-clinical testing has verified the LTS-D can be used in a MRI environment. This enables the product to be used from emergency, to treatment, to diagnostics. The pilot balloon of the LTS-D may cause artifacts around the area where it is positioned, this should be taken into consideration by the doctor interpreting the scan results.

The LTS-D is free from latex and phthalates, it is supplied sterile and for single use.

References

- Frascone, Ralph J. et al: Comparison of prehospital insertion success rates and time to insertion between standard endotracheal intubation and a supraglottic airway, Resuscitation, Dec 2011