



## LMA<sup>™</sup> Airway portfolio

3,000 published references. 300 million patient uses. Every 3 seconds an LMA<sup>™</sup> airway is used somewhere in the world.

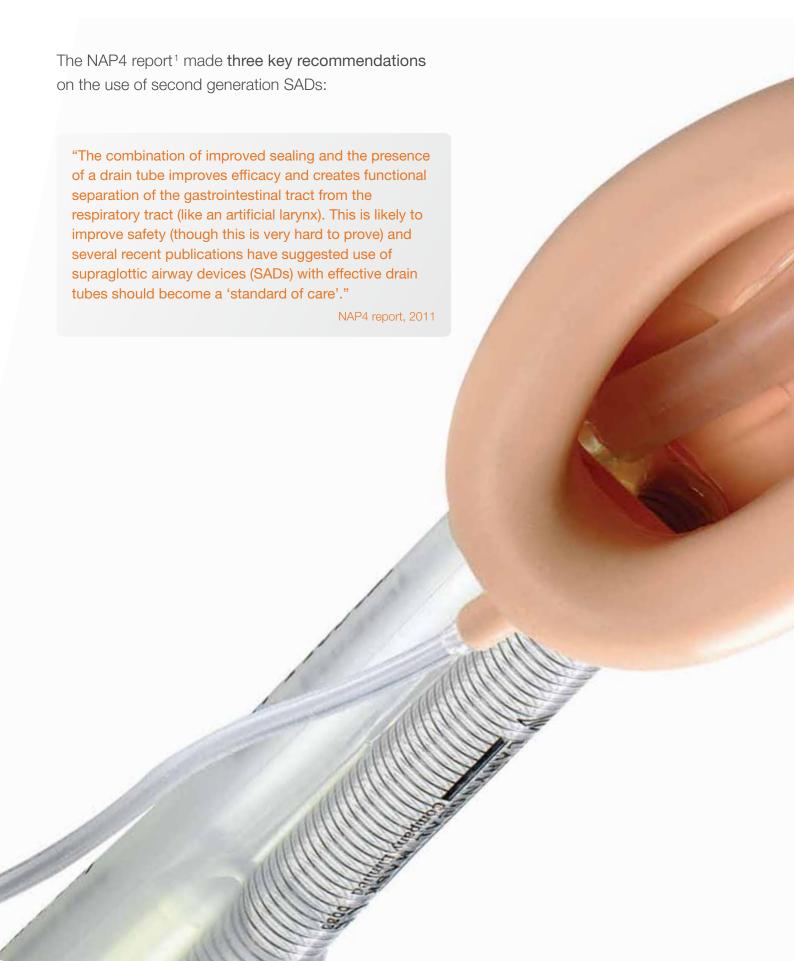


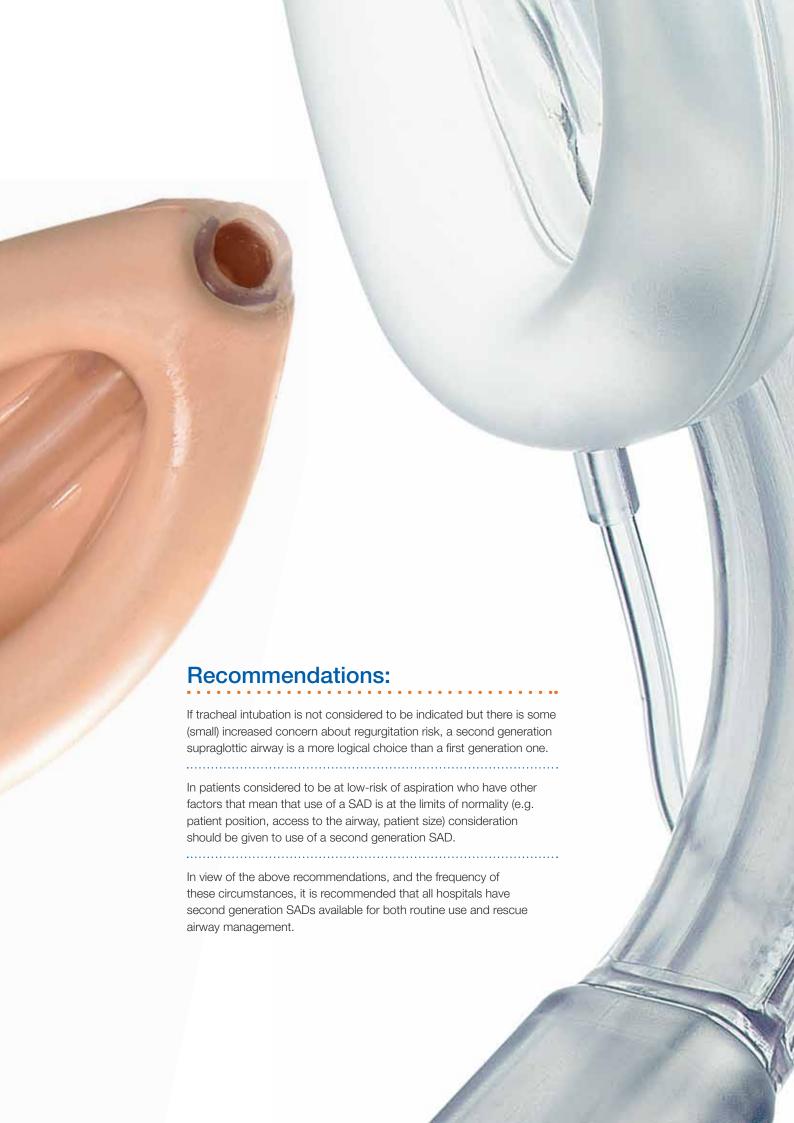




**Teleflex** 

# Second generation SADs come highly recommended





# A second generation SAD with an innovative Second Seal™ LMA Supreme<sup>™</sup> is a second generation, gastric access device which forms an effective First Seal<sup>™</sup> with the oropharynx (oropharyngeal seal) and an innovative Second Seal™ with the upper oesophageal sphincter (the oesophageal seal). ▶ Soft, elongated cuff designed to support an effective First Seal<sup>™</sup> and Second Seal<sup>™ 2,3,4</sup> ▶ Elliptical and anatomically shaped LMA Evolution Curve™ (airway tube) facilitates insertion success<sup>3</sup> ► Fixation tab and integral bite block² For the latest clinical evidence on LMA Supreme™ visit www.lmaco.com/evidence



#### First Seal™

LMA Supreme  $^{\rm m}$  delivers measured oropharyngeal leak pressures up to 37cm  $\rm H_2O.^5$ 

The First Seal™ is important for:

- ▶ Ventilation performance
- Advanced uses of the device such as in patients with decreased thoracic compliance, in mild-to-moderately obese patients and in certain procedures requiring mechanical ventilation where higher seal pressures are required

#### Second Seal<sup>™</sup>

LMA Supreme™ enables passive drainage or active management of digestive tract contents independent of ventilation.<sup>4</sup>

The Second Seal $^{\text{\tiny M}}$  is designed to:

- ▶ Improve safety vs a first generation device
- Secure the distal tip of the LMA Supreme™ at the upper oesophageal sphincter to maintain the patency of the drain tube
- ▶ Reduce the risk of insufflation during ventilation
- ➤ Reduce the risk of regurgitated gastric content leaking around the tip of the mask

#### LMA Supreme™: Product specification

| Mask<br>size | Product<br>code | Patient size                | Maximum<br>cuff volume<br>(air)* | Largest<br>size OG<br>tube |
|--------------|-----------------|-----------------------------|----------------------------------|----------------------------|
| 1            | 175010          | Neonates/infants up to 5 kg | 5 ml                             | 6 Fr                       |
| 1.5          | 175015          | Infants 5-10 kg             | 8 ml                             | 6 Fr                       |
| 2            | 175020          | Infants 10-20 kg            | 12 ml                            | 10 Fr                      |
| 2.5          | 175025          | Children 20-30 kg           | 20 ml                            | 10 Fr                      |
| 3            | 175030          | Children 30-50 kg           | 30 ml                            | 14 Fr                      |
| 4            | 175040          | Adults 50-70 kg             | 45 ml                            | 14 Fr                      |
| 5            | 175050          | Adults 70-100 kg            | 45 ml                            | 14 Fr                      |

<sup>\*</sup>These are maximum volumes that should never be exceeded. It is recommended that the cuff be inflated to a maximum of  $60~{\rm cm}$  H<sub>3</sub>0 intracuff pressure.

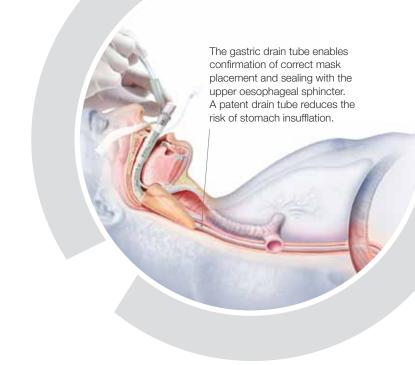
OG = orogastric

#### Consider using LMA Supreme<sup>™</sup> for:

- ► Mild to moderately obese patients
- ► Abdominal procedures
- ► Controlled reflux
- ► Positive pressure ventilation (PPV)
- ► Unexpected difficult airways
- ► Plastic surgery procedures



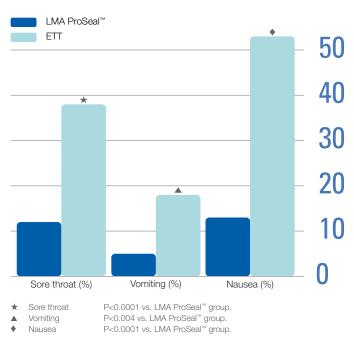




## The most versatile re-usable airway

- ▶ Peace of mind Passive regurgitation can occur unexpectedly intraoperatively. LMA ProSeal<sup>™</sup> enables the regurgitated fluid to pass up the drainage tube without leaking into the glottis<sup>8</sup>
- Patient comfort LMA ProSeal™ reduces the likelihood of throat irritation and stimulation, and reduces post-operative nausea and vomiting by as much as 40% compared to an ETT<sup>9</sup>
- Performance LMA ProSeal™ achieves a high seal pressure, with a median seal pressure of 32cm H<sub>2</sub>O<sup>10</sup>
- Aspiration LMA ProSeal™ has a built-in drain tube that allows expelled gastric content to bypass the pharynx. This specific feature is designed to decrease the risk of aspiration 11,12

## Post anaesthesia care unit outcome data up to 24 hours<sup>9</sup>



Post-operative sore throat, nausea and vomiting were measured via patient interviews in a blind fashion.

"The LMA ProSeal™ currently has the broadest evidence to support its efficacy and safety profile." 1

NAP4 report, 2011

# LMA Unique<sup>™</sup>: the original single use laryngeal mask

- ▶ Seven sizes, from neonate to adult
- Not made with natural rubber latex, sterile, single use
- ► Aperture bars designed to prevent the blockage of the airway by the epiglottis<sup>13</sup>
- ▶ Soft, flexible cuff
- Facilitates smooth emergence from anaesthesia<sup>7</sup>
- ► Minimal haemodynamic response<sup>7</sup>
- ▶ Part of the ASA difficult airway algorithm 14

#### LMA Unique<sup>™</sup>: Product specification

| Mask<br>size | Product<br>code | Patient size                | Maximum<br>cuff volume<br>(air)* |
|--------------|-----------------|-----------------------------|----------------------------------|
| 1            | 125010          | Neonates/infants up to 5 kg | 4 ml                             |
| 1.5          | 125015          | Infants 5-10 kg             | 7 ml                             |
| 2            | 125020          | Infants/children 10-20 kg   | 10 ml                            |
| 2.5          | 125025          | Children 20-30 kg           | 14 ml                            |
| 3            | 125030          | Children 30-50 kg           | 20 ml                            |
| 4            | 125040          | Adults 50-70 kg             | 30 ml                            |
| 5            | 125050          | Adults 70-100 kg            | 40 ml                            |
|              |                 |                             |                                  |

<sup>\*</sup>These are maximum volumes that should never be exceeded. It is recommended that the cuff be inflated to a maximum of 60 cm H<sub>2</sub>0 intracuff pressure.

For the latest clinical evidence on LMA Unique™ visit www.lmaco.com/evidence

# LMA Classic<sup>™</sup>: the classic laryngeal mask

- ▶ Eight sizes, from neonate to large adult
- Not made with natural rubber latex and re-usable up to 40 times





► Facilitates smooth emergence from anaesthesia<sup>7</sup>

► Minimal haemodynamic response<sup>7</sup>

Part of the ASA difficult airway algorithm<sup>14</sup>



#### LMA Classic™: Product specification

| Mask<br>size | Product<br>code | Patient size                | Maximum<br>cuff volume<br>(air)* |
|--------------|-----------------|-----------------------------|----------------------------------|
| 1            | 100010          | Neonates/infants up to 5 kg | 4 ml                             |
| 1.5          | 100015          | Infants 5-10 kg             | 7 ml                             |
| 2            | 100020          | Infants/children 10-20 kg   | 10 ml                            |
| 2.5          | 100025          | Children 20-30 kg           | 14 ml                            |
| 3            | 100030          | Children 30-50 kg           | 20 ml                            |
| 4            | 100040          | Adults 50-70 kg             | 30 ml                            |
| 5            | 100050          | Adults 70-100 kg            | 40 ml                            |
| 6            | 100060          | Large adults over 100 kg    | 50 ml                            |

<sup>\*</sup>These are maximum volumes that should never be exceeded. It is recommended that the cuff be inflated to a maximum of 60 cm  $\rm H_2O$  intracuff pressure.

For the latest clinical evidence on LMA Classic™ visit www.lmaco.com/evidence



# LMA Fastrach<sup>™</sup>: the most dependable intubating airway for difficult situations

- Proven use in difficult to intubate patients<sup>15</sup>
- Available as a single use device or re-usable up to 40 times
- ► High insertion success<sup>15</sup>
- Not made with natural rubber latex
- ▶ Available in sizes 3, 4 and 5
- ▶ Dedicated single use or re-usable endotracheal tubes available for use with LMA Fastrach™

"The LMA Fastrach™ has made the process of blind intubation highly successful, unhurried and safe." <sup>16</sup>

Korula G. et al., 2007

#### LMA Fastrach™: Product specification

| Mask<br>size | Product<br>code<br>(re-usable) | Product<br>code<br>(single use) | Patient size      | Maximum<br>cuff volume<br>(air)* | Largest<br>ETT ID (mm)** |
|--------------|--------------------------------|---------------------------------|-------------------|----------------------------------|--------------------------|
| 3            | 130030                         | 135130                          | Children 30-50 kg | 20 ml                            | 6 6.5 7 7.5 8            |
| 4            | 130040                         | 135140                          | Adults 50-70 kg   | 30 ml                            | 6 6.5 7 7.5 8            |
| 5            | 130050                         | 135150                          | Adults 70-100 kg  | 40 ml                            | 6 6.5 7 7.5 8            |

#### LMA Fastrach™ Endotracheal tube: Product specification

| Tube size**               | 6.0 mm | 6.5 mm | 7.0 mm | 7.5 mm | 8.0 mm |
|---------------------------|--------|--------|--------|--------|--------|
| Product Code (re-usable)  | 131060 | 131065 | 131070 | 131075 | 131080 |
| Product Code (single use) | 136060 | 136065 | 136070 | 136075 | 136080 |

<sup>\*</sup>These are maximum volumes that should never be exceeded. It is recommended that the cuff be inflated to a maximum of 60 cm H<sub>2</sub>0 intracuff pressure. \*\*All sizes (6, 6.5, 7, 7.5 and 8) of re-usable LMA Fastrach™ ETT are compatible with LMA Fastrach™ and LMA Fastrach™ SU. However, only sizes 6, 6.5 and 7 of LMA Fastrach™ ETT SU are compatible with LMA Fastrach™ and LMA Fastrach™ SU.

For the latest clinical evidence on LMA Fastrach™ visit www.lmaco.com/evidence

## LMA Flexible<sup>™</sup>:

truly flexible



- Designed for shared airways airway tube can be moved out of the surgical field without displacement of the cuff, or loss of seal for the anaesthetist
- ▶ Improved recovery profile children undergoing adenotonsillectomies with LMA Flexible™ spent significantly less time in the operating room after surgery, had a lower incidence of airway irritation and experienced lower postoperative pain in the first 4 hours vs an ETT 17
- Patient protection LMA Flexible™ acts as a barrier, preventing soiling of the glottis or trachea by blood or secretions from above 18

"The LMA Flexible™ provided an unobstructed airway in all patients. The LMA Flexible<sup>™</sup> protects the larynx from contamination during and after the operation until the return of the patient's own protective reflexes."19

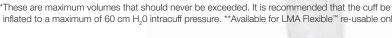
Williams P. J. et al., 1995

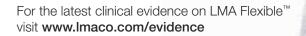
#### LMA Flexible™: Product specification

| Mask<br>size | Product<br>code<br>(re-usable) | Product<br>code<br>(single use) | Patient size              | Maximum<br>cuff volume<br>(air)* |
|--------------|--------------------------------|---------------------------------|---------------------------|----------------------------------|
| 2            | 110020                         | 115020                          | Infants/children 10-20 kg | 10 ml                            |
| 2.5          | 110025                         | 115025                          | Children 20-30 kg         | 14 ml                            |
| 3            | 110030                         | 115030                          | Children 30-50 kg         | 20 ml                            |
| 4            | 110040                         | 115040                          | Adults 50-70 kg           | 30 ml                            |
| 5            | 110050                         | 115050                          | Adults 70-100 kg          | 40 ml                            |
| 6**          | 110060                         |                                 | Large adults over 100 kg  | 50 ml                            |

inflated to a maximum of 60 cm H<sub>2</sub>0 intracuff pressure. \*\*Available for LMA Flexible™ re-usable only.







### Find out more about the LMA™ airway portfolio



#### Clinical evidence

For the latest clinical evidence on LMA<sup>™</sup> airway portfolio visit www.lmaco.com/evidence



#### make-a-switch.com

For more information on making the switch to second generation SADs, visit www.make-a-switch.com





For the latest digital case reports, educational videos and clinician testimonials on the benefits of LMA™ airway portfolio, visit www.youtube.com/LaryngealMaskAirway





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For product information and access to product instructions for use, visit www.lmaco.com



#### Meleflex

For information on other products within the Teleflex product portfolio, visit www.teleflex.com



PMS-2500-018 Rev H IW 201402

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Consult IFU on this website: www.LMACO.com

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