

Airway Management for Endoscopic Procedures

7 million
upper-gastrointestinal (GI)
endoscopies are performed
annually in the US (approx)¹

1:200
Overall reported adverse
event rates of upper-GI
endoscopy²

Cardiopulmonary complications occur in the order of:

5.4-9.3

cases per 1000 endoscopy procedures^{3,4*}

Studies from around the world report that hypoxemia occurs in:

11-50%

of endoscopy cases⁵⁻⁷

***“During [deep] sedation the
airway protective reflexes and
respiratory function are impaired.
Thus, airway management with
dedicated devices is needed.
This clinical setting requires
anesthesiological skill.”⁸***

Torino et al., 2016



Initial evidence suggests that laryngeal masks may be a suitable alternative to endotracheal intubation for advanced upper-GI endoscopy procedures requiring general anesthesia.^{9,10}

The LMA® Gastro™ Airway with Cuff Pilot™ Technology

The only laryngeal mask specifically designed to help clinicians manage their patients' airways while facilitating direct endoscopic access under general anesthesia.

Who can benefit from the LMA® Gastro™ Airway?



The Clinician

Designed to inspire confidence by providing airway patency and direct endoscopic access.



Your Institution

Designed to help reduce airway-related complications during endoscopy procedures.



The Patient

Silicone cuff and airway tube for patient comfort.

References:

1. Peery AF, Dellon ES, Lund J, et al. *Gastroenterology*. 2012;143(5):1179-1187 e1171-1173.
2. ASGE Standards of Practice Committee, Ben-Menachem T, Decker GA, et al. *Gastrointest Endosc*. 2012;76(4):707-718.
3. Arrowsmith JB, Gerstman BB, Fleischer DE, Benjamin SB. *Gastrointest Endosc*. 1991;37(4):421-427.
4. Sharma VK, Nguyen CC, Crowell MD, Lieberman DA, de Garmo P, Fleischer DE. *Gastrointest Endosc*. 2007;66(1):27-34.
5. Cote GA, Hovis RM, Anstas MA, et al. *Clin Gastroenterol Hepatol*. 2010;8(2):137-142.
6. Qadeer MA, Rocio Lopez A, Dumot JA, Vargo JJ. *Dig Dis Sci*. 2009;54(5):1035-1040.
7. de Paulo GA, Martins FP, Macedo EP, Goncalves ME, Mourao CA, Ferrari AP. *Endosc Int Open*. 2015;3(1):E7-E13.
8. Torino A, Martino D, Fusco P, Collina U, Marullo L, Ferraro F. Hot Topics in Airway Management During Gastrointestinal Endoscopy. *J Gastrointest Dig Syst*. 2016;6:377.
9. Acquaviva MA, Horn ND, Gupta SK. *J Pediatr Gastroenterol Nutr*. 2014;59(1):54-56.
10. Osborn IP, Cohen J, Soper RJ, Roth LA. *Gastrointest Endosc*. 2002;56(1):122-128.

* Retrospective review of morbidity associated with gastrointestinal endoscopy based on data held within the Clinical Outcomes Research Initiative (CORI) database and the computer-based management system of the American Society for Gastrointestinal Endoscopy.

Any quotes appearing in this material are taken from independent third-party publications and are not intended to imply that such third party reviewed or endorsed any of the products referred to in this material.

Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

Teleflex, the Teleflex logo, LMA and LMA Gastro are trademarks or registered trademarks of Teleflex Incorporated or its affiliates, in the U.S. and/or other countries. Information in this document is not a substitute for the product Instructions for Use. The products in this document may not be available in all countries. Please contact your local representative. Revised: 06/2018. © 2018 Teleflex Incorporated. All rights reserved. MC-004622 LA EN

References:

1. Peery AF, Dellon ES, Lund J, et al. *Gastroenterology*. 2012;143(5):1179-1187 e1171-1173.
2. ASGE Standards of Practice Committee, Ben-Menachem T, Decker GA, et al. *Gastrointest Endosc*. 2012;76(4):707-718.
3. Arrowsmith JB, Gerstman BB, Fleischer DE, Benjamin SB. *Gastrointest Endosc*. 1991;37(4):421-427.
4. Sharma VK, Nguyen CC, Crowell MD, Lieberman DA, de Garmo P, Fleischer DE. *Gastrointest Endosc*. 2007;66(1):27-34.
5. Cote GA, Hovis RM, Ansstas MA, et al. *Clin Gastroenterol Hepatol*. 2010;8(2):137-142.
6. Qadeer MA, Rocio Lopez A, Dumot JA, Vargo JJ. *Dig Dis Sci*. 2009;54(5):1035-1040.
7. de Paulo GA, Martins FP, Macedo EP, Goncalves ME, Mourao CA, Ferrari AP. *Endosc Int Open*. 2015;3(1):E7-E13.
8. Torino A, Martino D, Fusco P, Collina U, Marullo L, Ferraro F. Hot Topics in Airway Management During Gastrointestinal Endoscopy. *J Gastrointest Dig Syst*. 2016;6:377.
9. Acquaviva MA, Horn ND, Gupta SK. *J Pediatr Gastroenterol Nutr*. 2014;59(1):54-56.
10. Osborn IP, Cohen J, Soper RJ, Roth LA. *Gastrointest Endosc*. 2002;56(1):122-128.

* Retrospective review of morbidity associated with gastrointestinal endoscopy based on data held within the Clinical Outcomes Research Initiative (CORI) database and the computer-based management system of the American Society for Gastrointestinal Endoscopy.

Any quotes appearing in this material are taken from independent third-party publications and are not intended to imply that such third party reviewed or endorsed any of the products referred to in this material.

Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

Teleflex, the Teleflex logo, LMA and LMA Gastro are trademarks or registered trademarks of Teleflex Incorporated or its affiliates, in the U.S. and/or other countries. Information in this document is not a substitute for the product Instructions for Use. The products in this document may not be available in all countries. Please contact your local representative. Revised: 06/2018. © 2018 Teleflex Incorporated. All rights reserved. MC-004622 LA EN

References:

1. Peery AF, Dellon ES, Lund J, et al. *Gastroenterology*. 2012;143(5):1179-1187 e1171-1173.
2. ASGE Standards of Practice Committee, Ben-Menachem T, Decker GA, et al. *Gastrointest Endosc*. 2012;76(4):707-718.
3. Arrowsmith JB, Gerstman BB, Fleischer DE, Benjamin SB. *Gastrointest Endosc*. 1991;37(4):421-427.
4. Sharma VK, Nguyen CC, Crowell MD, Lieberman DA, de Garmo P, Fleischer DE. *Gastrointest Endosc*. 2007;66(1):27-34.
5. Cote GA, Hovis RM, Ansstas MA, et al. *Clin Gastroenterol Hepatol*. 2010;8(2):137-142.
6. Qadeer MA, Rocio Lopez A, Dumot JA, Vargo JJ. *Dig Dis Sci*. 2009;54(5):1035-1040.
7. de Paulo GA, Martins FP, Macedo EP, Goncalves ME, Mourao CA, Ferrari AP. *Endosc Int Open*. 2015;3(1):E7-E13.
8. Torino A, Martino D, Fusco P, Collina U, Marullo L, Ferraro F. Hot Topics in Airway Management During Gastrointestinal Endoscopy. *J Gastrointest Dig Syst*. 2016;6:377.
9. Acquaviva MA, Horn ND, Gupta SK. *J Pediatr Gastroenterol Nutr*. 2014;59(1):54-56.
10. Osborn IP, Cohen J, Soper RJ, Roth LA. *Gastrointest Endosc*. 2002;56(1):122-128.

* Retrospective review of morbidity associated with gastrointestinal endoscopy based on data held within the Clinical Outcomes Research Initiative (CORI) database and the computer-based management system of the American Society for Gastrointestinal Endoscopy.

Any quotes appearing in this material are taken from independent third-party publications and are not intended to imply that such third party reviewed or endorsed any of the products referred to in this material.

Caution: Federal law (USA) restricts this device to sale by or on the order of a physician.

Teleflex, the Teleflex logo, LMA and LMA Gastro are trademarks or registered trademarks of Teleflex Incorporated or its affiliates, in the U.S. and/or other countries. Information in this document is not a substitute for the product Instructions for Use. The products in this document may not be available in all countries. Please contact your local representative. Revised: 06/2018. © 2018 Teleflex Incorporated. All rights reserved. MC-004622 LA EN