



LMA[®] Gastro[™] Airway with Cuff Pilot[™] Technology

Proactive airway management for endoscopy procedures

Separate gastric and airway access

Hypoxemia due to respiratory depression or airway obstruction is a known risk associated with endoscopic procedures, with studies showing that hypoxemia can occur in 11–50% of cases.¹⁻³ The LMA[®] Gastro[™] Airway with Cuff Pilot[™] Technology from Teleflex is the first laryngeal mask specifically designed to enable clinicians to proactively manage their patients' airways while facilitating direct endoscopic access via the integrated endoscope channel. With the airway in place, clinicians can monitor end-tidal CO₂ for patient safety.

Designed to support patient safety

The single-use LMA[®] Gastro[™] Airway is designed for patient comfort with a silicone cuff that is soft and flexible, and conforms to the patient anatomy to create an effective oropharyngeal seal.^{4,5} Silicone cuffs have been shown to reduce risk of sore throat⁶ and achieve higher seal pressures⁴ compared with PVC cuffs.

Integrated Cuff Pilot[™] Technology

Cuff Pilot[™] Technology is an integrated, cuff pressure indicator that constantly monitors cuff pressure, detecting changes at a glance resulting from fluctuations in temperature, nitrous oxide levels, and movements within the airway. Cuff Pilot[™] Technology was developed to support clinicians in avoiding the known risks of cuff hyperinflation, which include sore throat, dysphagia, an increased risk of aspiration due to leakage around the cuff, and hypoglossal, lingual or recurrent laryngeal nerve palsies.⁷⁻¹⁰



Benefits



Clinician

Inspires confidence by supporting end-tidal CO₂ monitoring and direct endoscopic access



Institution

Designed to help reduce airway-related complications during endoscopy procedures



Patient

Silicone cuff and integrated cuff pressure monitoring for patient comfort

LMA® Gastro™ Airway with Cuff Pilot™ Technology



Endoscope channel

Enables an endoscope to be passed through the device under vision

Adjustable holder and strap

Maintains the device in a neutral position during endoscope manipulation

Integrated bite block

Reduces the potential for damage to, or obstruction of, the airway tube or endoscope due to biting

Silicone airway tube and cuff

Designed for smooth insertion and patient comfort

Cuff Pilot™ Technology

An integrated, single-use cuff pressure indicator that constantly monitors cuff pressure

Yellow zone

0–40 cm H₂O

Green zone

40–60 cm H₂O

Clear zone

60–70 cm H₂O

Red zone

70+ cm H₂O

LMA® Gastro™ Airway with Cuff Pilot™ Technology fast facts

Designed to provide control of a patient's airway while enabling direct access to the esophagus and upper gastrointestinal tract in patients undergoing endoscopic procedures.

In an initial study of 292 patients, the LMA® Gastro™ Airway was placed and an endoscope inserted successfully in 99% of patients.¹¹

Once placed, the LMA® Gastro™ Airway facilitates end-tidal CO₂ monitoring throughout the procedure to support patient safety.

LMA® Gastro™ Airway with Cuff Pilot™ Technology

ITEM NUMBER	MASK SIZE	PATIENT WEIGHT	MAXIMUM INTRACUFF PRESSURE*	MAXIMUM ENDOSCOPE SIZE (OD)
1E5030	3	30–50 kg	60 cm H ₂ O	14 mm
1E5040	4	50–70 kg	60 cm H ₂ O	14 mm
1E5050	5	70–100 kg	60 cm H ₂ O	14 mm

* Cuff Pilot™ Technology recommendation for cuff pressure: green zone pressure range = 40 – 60 cm H₂O for all sizes. Note: The LMA® Gastro™ Airway does not facilitate intubation.

References:

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[†] Research sponsored by Teleflex Incorporated.

[‡] Research sponsored in part by Teleflex Incorporated.

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

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