

SAGINAW-TUSCOLA MCA
PROCEDURES
EMERGENCY AIRWAY (Supplement)
LMA Supreme™

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Section 7-9 (S2)

Emergency Airway (Supplement) LMA Supreme™

This supplement protocol allows the use of the LMA Supreme™ supraglottic airway by MCA providers at the EMT, Advanced EMT, and Paramedic levels. Life Support Agencies utilizing the LMA Supreme™ shall adequately train personnel and provide proof of such training to include; objectives, lesson plans, skill/technique assessment, and rosters upon request of the MCA.

Indications:

1. Cardiac arrest. Appropriate as first-line advanced airway.
2. Respiratory arrest (including agonal breathing), without gag reflex, not responsive to initial treatment including bag-valve-mask ventilation and naloxone (when indicated).
3. Rescue airway for failed endotracheal intubation (Paramedics only).

Contraindications:

1. Responsive patients with an intact gag reflex.
2. Patients that have ingested caustic substances.
3. Patients with an inadequate mouth opening to permit insertion.
4. Patients who have had radiotherapy to the neck involving the hypopharynx (risk of trauma, failure to seal effectively).

Procedure:

1. The insertion/placement of the LMA Supreme™ shall be per the manufacturer's recommendation. <http://www.lmaco-ifu.com/sites/default/files/node/438/ifu/revision/685/paj2100000h.pdf>
2. Per the manufacturer, the normal adult will use a size 4 device. The table below is a reference for additional sizing and gastric decompression catheter sizing:

Airway Size	Patient Weight	Max Size OG Tube	Recommended Maximum Inflation Volume	Optimum Intra-Cuff Pressure
1	< 5 kg	6 fr	5 ml	60cm H ₂ O
1.5	5-10 kg	6 fr	8 ml	
2	10-20 kg	10 fr	12 ml	
2.5	20-30 kg	10 fr	20 ml	
3	30-50 kg	14 fr	30 ml	
4	50-70 kg	14 fr	45 ml	
5	70-100 kg	14 fr	45 ml	

3. Refer to the **Emergency Airway Procedure Protocol** for verification of placement, reassessment, and documentation requirements.