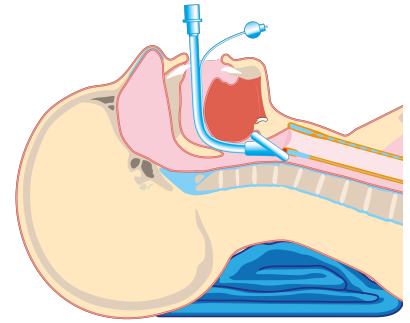


Supraglottic Airway Devices (SADs)

- ▶ Used for elective airway management in **fasted** patients at low risk of gastro-oesophageal reflux
- ▶ Insertion requires the patient's airway reflexes to be absent
- ▶ Once in place, the cuff lies over the larynx
- ▶ The wide internal diameter minimises resistance to gas flow
- ▶ Can be used as an **emergency airway** during cardiac arrest
- ▶ Can be used in **difficult airway management**



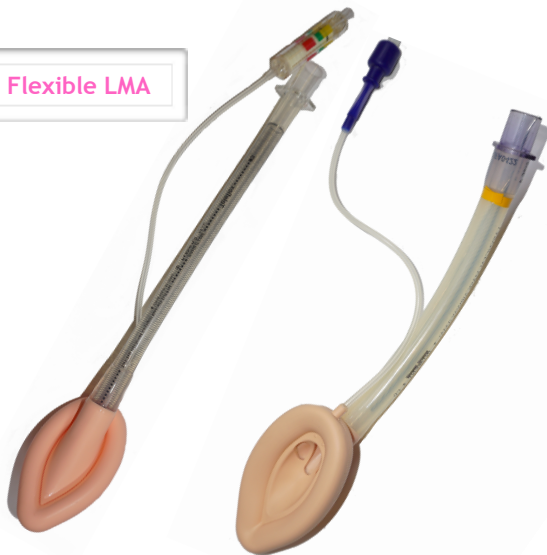
PROS

- Hands free airway management
- Neuromuscular blocking drugs not required
- Easy to insert
- Less haemodynamic response than intubation
- Suitable for positive pressure ventilation
- Smooth emergence, with less coughing

CONS

- Less protection against aspiration vs tracheal tube
- Can cause airway obstruction if misplaced
- Not suitable for ventilation at high airway pressures
- Risk of airway obstruction and laryngospasm
- Sore throat is common

Flexible LMA



Classic LMA

i-gel



LMA Supreme

FIRST GENERATION

Single tube
Inflatable cuff
Bite block recommended

SECOND GENERATION

Integrated bite block
Gastric drainage port
Higher seal pressure