



Safer Practice Notice

Status

- Active
- Updated
- Resolved

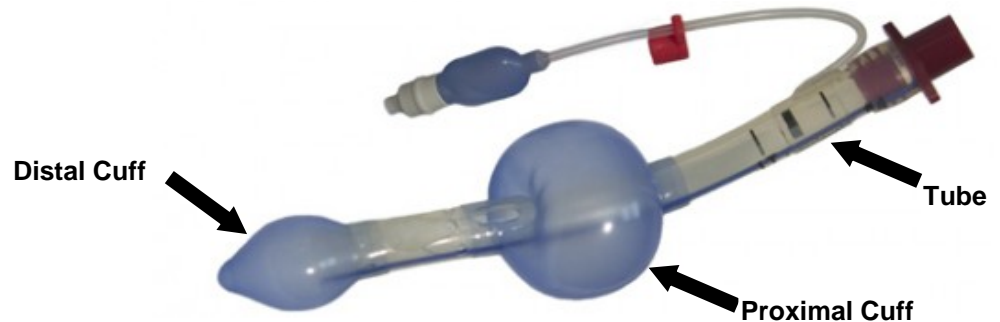
Zone Application

- Provincial
- North
- Edmonton
- Central
- Calgary
- South

Safe Placement / Inflation of the King LT Airway

Issue

The King LT is a supraglottic airway device used to secure and maintain the airway of patients requiring ventilatory assistance. If the King LT is incorrectly positioned and/or the cuffs are over inflated numerous complications may result (e.g. impaired cerebral blood flow (CBF), tracheal obstruction, or esophageal perforation).



19 Oct 2015

For Action By:

- EMS

For Information of:

- Emergency Departments
- Operating Rooms
- Respiratory Departments

Contact:

Steen Pedersen
Director, Quality and Patient Safety
Alberta Health Services
Emergency Medical Services
W 403.507.4657
C 403.896.1797
steen.pedersen@ahs.ca

Action

1. Ensure that sufficient lubrication is applied prior to placement.
2. Do not hold onto the tube when cuffs are inflated thus allowing the device to seat itself.
3. Use only the minimum amount of air needed to achieve a seal with the inflatable cuffs. Inflate first with the lowest volume range recommended on the tube and then assess the need for more.
4. **Regularly assess** carotid pulses, EtCO₂ waveform and all vitals following King LT placement.
5. If there is any doubt as to the positioning or efficacy of the device, deflate the cuffs and attempt to reposition the King LT using the same approach above.
6. If effective ventilations cannot be achieved after repositioning, revert to basic airway maneuvers and consider other airway options.
7. EMS will re-visit King LT training materials