

# Preferred Features for Surgical Airway Kits

## CoTCCC

17 November 2010

The CoTCCC has not recommended a particular device or set to perform a surgical airway in the tactical setting, but has defined a set of *preferred* features for surgical airway kits. The current list is as follows:

- An open technique is preferred over percutaneous or Seldinger techniques
- The set or its individual components must be FDA-approved
- Sterile
- Scalpel: #10 blade
- Should include a tracheostomy hook or other instrument to help define and expose the opening
- Tube features:
  - 6-7 mm internal diameter
  - Balloon cuff
  - Flanged
  - 5-8 cm intratracheal length
- 5 cc syringe to inflate cuff
- Puncture resistant packaging
- Long shelf life
- Lightweight, durable material
- Ruggedized - (Military Standard 8.10G)
- Inexpensive
- Minimized weight and cube
- Good clinical outcomes after review of battlefield use data
- Easy to use in battlefield environment
- High rate of user acceptance
- Configured for ease of use in low-light environments
- Includes means of securing tube after insertion