

# Combitube™



1. Determine appropriate size
  - 37 Fr tube - 4-5 ft tall (Small Adult)
  - 41 Fr tube - 5-6 ft tall
2. Place head in neutral position
3. Open mouth and pull tongue forward
4. Slide combitube™ along tongue until teeth are between the depth marks just below inflation ports
- 5. Inflate blue port first** using large syringe
  - 85 ml air for 37 Fr tube (Small Adult)
  - 100 ml air for 41 Fr tube
- 6. Inflate white port next** using small syringe
  - 12 ml air for 37 Fr tube (Small Adult)
  - 15 ml air for 41 Fr tube
- 7. Begin rescue breathing through blue connector**
  - If breath sounds present, confirm with ETCO<sub>2</sub> and continue rescue breathing
  - **If no breath sounds, go to step 8**
8. Try rescue breathing through clear short tube
  - Auscultate breath sounds and check etCO<sub>2</sub>

*Adapted from manufacturer's printed guidelines. Please refer to manufacturer's printed instructions for more detailed direction on placement.*

**Unable to Place Rescue Airway?  
Need Surgical Airway!!**

# Surgical Airway Options

## Melker™ Cricothyroidotomy Kit

### Procedure:

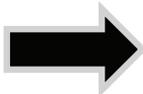
1. Apply prep to neck if time allows.
2. Identify anatomy:
  - Identify thyroid cartilage and thyroid horn
    - May need to extend neck (**Airway comes before Disability!**)
  - Just below thyroid horn feel for a groove. This should be the cricothyroid membrane.
3. Stabilize trachea at the thyroid horn with the middle or index finger of your hand closest to the patient's mandible.



4. Puncture skin over cricothyroid membrane with needle on syringe using free hand.



5. Direct needle into groove and aspirate for air as needle is advanced.



- **Stop when gush of air obtained.**
- **Stop if catheter meets significant resistance.**
- **Stop if catheter doesn't obtain air by the time it is advanced  $\frac{3}{4}$  of its length into neck.**

6. When air obtained remove syringe while stabilizing needle and pass guidewire into the airway through the needle. When guidewire is placed remove the needle.



(Continued on next page...)

7. Make an incision > 1cm in the skin around the guidewire.



8. Place introducer into the airway and feed into the guidewire.



9. While holding guidewire, direct introducer and airway into neck. **(Will need to apply force!)** When in place remove guidewire and introducer.



10. Secure in place with strap or tape.



11. Oxygen saturation should improve rapidly.

- **Check on TRANSFER ARRANGEMENTS!**

**No Melker™ Kit?  
See Next Page**