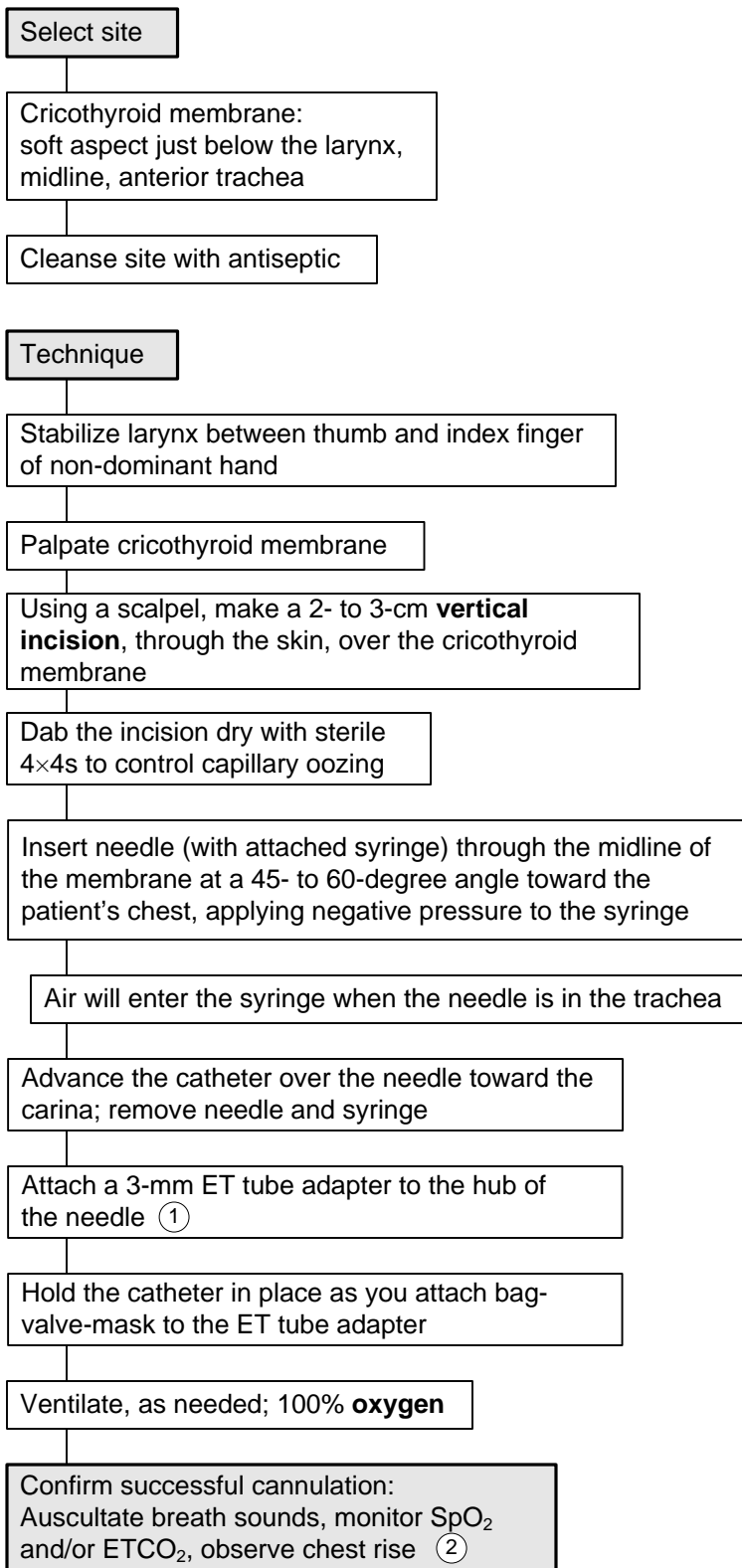


Cricothyrotomy: Needle

ALS Protocol



Indications:
Severe facial or nasal injuries, anaphylaxis, chemical inhalation injury or when other means of establishing an airway are not adequate

Contraindications:
Patients who can be intubated or secured with a Combitube

- Items needed:**
- Scalpel
 - IV needle/catheter 10–12 g
 - Antiseptic solution
 - Sterile gloves
 - Sterile 4x4s
 - Oxygen
 - Bag-valve-mask
 - 2–5 mm ET tube adapter
 - Eye protection
 - Jet ventilation tubing

1 Transtracheal jet ventilation: Optimal ventilation may be achieved by transtracheal jet ventilation. Deliver ventilations at a ratio of 1:4 (1 second of oxygen/jet ventilation 4 seconds off, to allow passive exhalation). Tubing should be prepared in advanced and attached to an oxygen source.

2 If the catheter becomes occluded, irrigate the catheter with 2-3 mL of sterile NS.