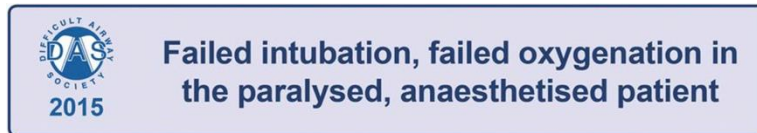


Emergency Front of Neck Access: Stab, Twist, Bougie, Tube



Failed intubation, failed oxygenation in the paralysed, anaesthetised patient

CALL FOR HELP



Continue 100% O₂
Declare CICO

Plan D: Emergency front of neck access

Continue to give oxygen via upper airway
Ensure neuromuscular blockade
Position patient to extend neck

Scalpel cricothyroidotomy

Equipment: 1. Scalpel (number 10 blade)
2. Bougie
3. Tube (cuffed 6.0mm ID)

Laryngeal handshake to identify cricothyroid membrane

Palpable cricothyroid membrane

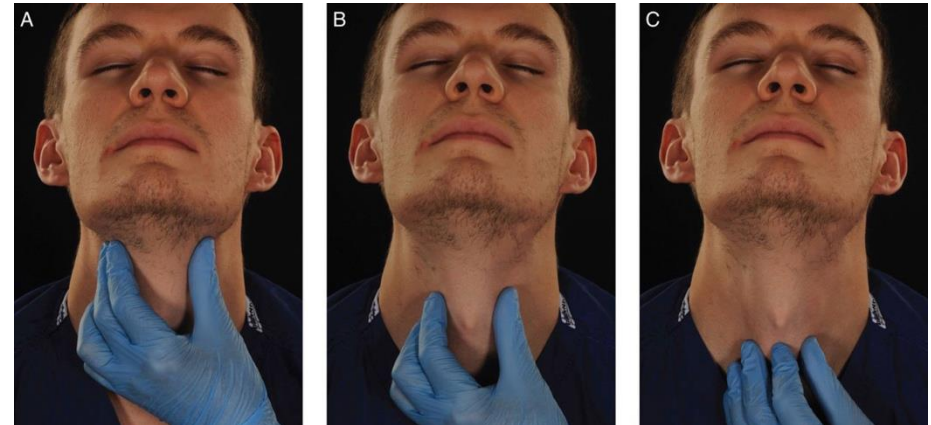
Transverse stab incision through cricothyroid membrane
Turn blade through 90° (sharp edge caudally)
Slide coude tip of bougie along blade into trachea
Railroad lubricated 6.0mm cuffed tracheal tube into trachea
Ventilate, inflate cuff and confirm position with capnography
Secure tube

Impalpable cricothyroid membrane

Make an 8-10cm vertical skin incision, caudad to cephalad
Use blunt dissection with fingers of both hands to separate tissues
Identify and stabilise the larynx
Proceed with technique for palpable cricothyroid membrane as above

Post-operative care and follow up

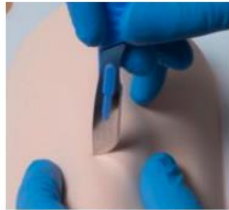
- Postpone surgery unless immediately life threatening
- Urgent surgical review of cricothyroidotomy site
- Document and follow up as in main flow chart



Remember:

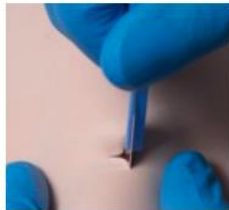
1. Declare CICO, call for help!
2. Ensure neuromuscular blockade
3. Continue rescue oxygenation (FM, SAD, HFNO)
4. Equipment (eFONA box)
5. Position

Stab Twist Bougie Tube



Stab

Transverse incision: **right** hand



Twist

Keep scalpel perpendicular to patient
Twist scalpel, sharp side towards feet
Traction on scalpel towards you, handle upright
Swap hands: hold scalpel with **left** hand
Take bougie in **right** hand



Bougie

Hold near angled tip: **right** hand
*Parallel to floor, perpendicular to trachea
Push bougie against **far** side of blade
Insert and rotate through 90° towards feet
Advance to 10cm



Tube

Stretch skin + stabilise trachea: **left** hand
Rotate tube through incision: **right** hand
Inflate cuff, check ventilation: **CO₂**
Check depth of tube and secure

Scalpel Finger Bougie Technique



Cut

8-10cm vertical skin incision
From sternal notch towards chin



Finger dissection of soft tissues

Use both hands to pull strap muscles apart
Identify cricothyroid membrane
Stabilise trachea: **left** hand



Stab twist bougie tube

Transverse incision: **right** hand
Twist scalpel, blade towards feet
Stabilise trachea: **left** hand
Railroad size 6 tube over bougie to 10-15cm
Inflate cuff



Check

Ventilation: waveform **CO₂**
Check tube depth
Secure the tube