



Needle Cricothyrotomy

Paramedic

PROCEDURE

- ❑ Ensure that ventilation and oxygenation are not possible by other means.
- ❑ Prepare equipment.
- ❑ Locate landmarks – Thyroid prominence and cricoid ring.
- ❑ Clean area with alcohol.
- ❑ Insert 14g IV catheter at a 30-45 degree angle towards chest.
- ❑ Remove needle from catheter and attach 3 cc syringe with ETT adapter.
- ❑ Attach BVM with ETCO2.
- ❑ Confirm placement of tube with waveform capnography – colormetric may be utilized as a backup.
- ❑ Secure catheter with tegaderm.

REFERENCE GRAPHICS



KEY POINTS

- Waveform capnography is required for all ETT tube confirmation along with continuous monitoring after the procedure.
- Procedure should only be performed if no other means of ventilating the patient is possible.
- Only for patients under 12 years of age.

Equipment

- PPE
- 14g Angiocath
- 3 cc syringe
- BVM W/ ETCO2
- Adapter from 7.0-8.0 ETT