



1. Intensive training
2. Early intervention

3. Meticulous planning
4. Vigilant infection control

5. Efficient airway management
6. Clear communication

USE A 'BUDDY CHECK' FOR CORRECT PPE FITTING

Planning

Intervene early - aim to avoid emergency intubation.
Negative Pressure room or Normal pressure with strict door policy.
Senior clinician involvement. Is Anaesthetist needed?
Early airway assessment documented by senior clinician.

Prepare

Assemble 5-6 person Airway Team (see reverse).
Use COVID-19 Intubation Tray (see reverse).
Ensure Viral Filter and ETCO2 in ventilation circuit.
Share Airway Strategy. Use a dedicated COVID intubation checklist.

PPE

Hand Hygiene (HH).
Donning: HH > Gown > Mask > Eye-protection > Hat > HH > Gloves.
Spotter to perform "Buddy Check" to ensure correct PPE fit.
Airway operator to consider double gloves.

Pre-Ox

45 degree head up position.
Pre-oxygenate with Face Mask using 2 hands, Vice-grip and PEEP for full 5 minutes.
Ensure a square ETCO2 waveform, to be confident of no leaks.
Avoid Apnoeic Oxygenation techniques due to aerosolization risk.

Perform

Use VL; use the screen (indirect view) to maximise operator distance from airway.
Modified RSI technique (1.5mg/kg IBW Roc OR 1.5mg/kg TBW Sux).
Careful 2-person ventilation with Vice-grip and PEEP during onset of NMB.
Wait 60 seconds for paralysis to take effect - avoid triggering cough.

Post-ETT

Inflate cuff BEFORE initiating ventilation and monitor cuff pressures to minimise leak.
Remove outer gloves (if on), dispose of airway equipment in sealed bag.
Doffing: Gloves > Gown > HH > Hat > Eye Protection > Mask > HH. Use a Spotter.
Debrief and share lessons.

Awake Intubation

Risk of aerosolization. Involve Senior Anaesthetist if this airway technique is indicated.

Connection / Disconnection

Apply the viral filter directly to the ETT.
Only disconnect the circuit on the ventilator side of the viral filter.

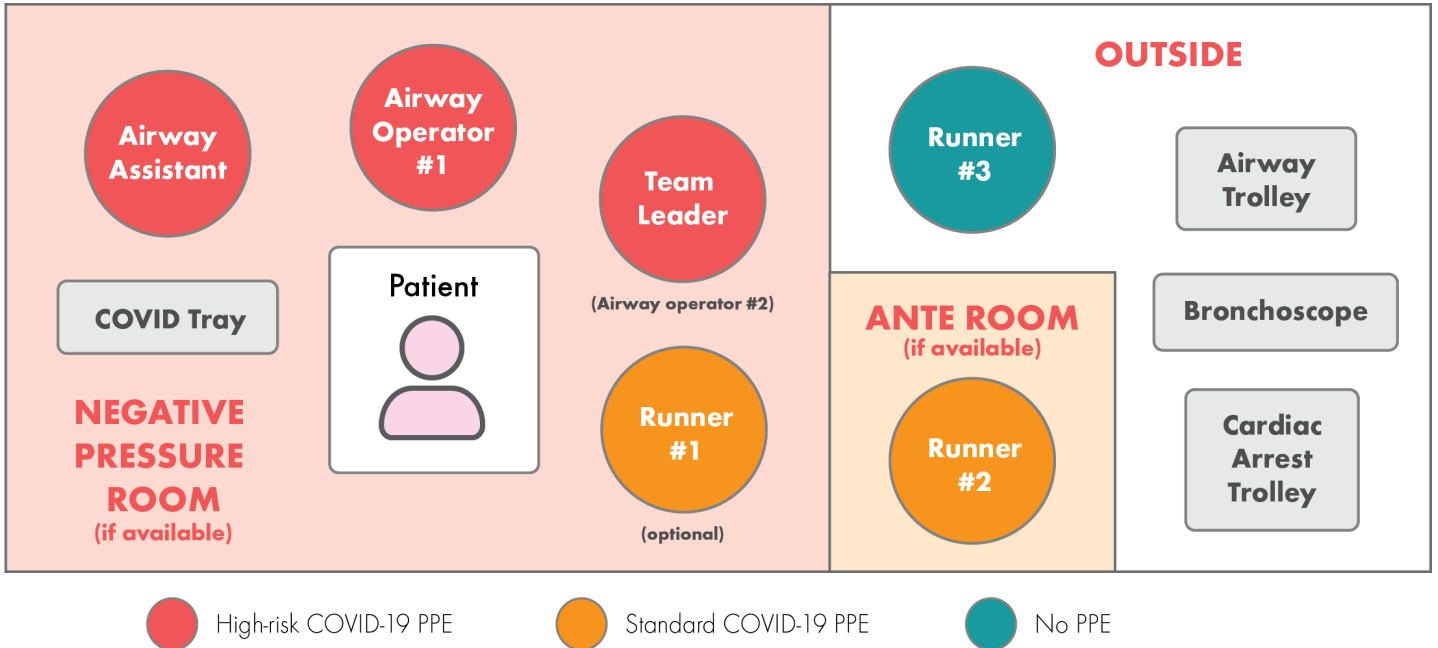
CICO Rescue

Scalpel-bougie technique to avoid aerosolization.





Team Members



COVID Intubation Tray

- | | | |
|---|---|--|
| <input type="checkbox"/> Macintosh VL blade | <input type="checkbox"/> Bougie / Stylet | <input type="checkbox"/> ETCO2 |
| <input type="checkbox"/> Hyperangulated VL blade (if available) | <input type="checkbox"/> 10 mL syringe | <input type="checkbox"/> NG tube (large bore) |
| <input type="checkbox"/> Macintosh direct laryngoscope | <input type="checkbox"/> Tube tie | <input type="checkbox"/> OPA + NPA |
| <input type="checkbox"/> SGA (2nd generation) | <input type="checkbox"/> Lubricant sachet | <input type="checkbox"/> Scalpel + bougie CICO kit |
| <input type="checkbox"/> ETT (appropriate size range) | <input type="checkbox"/> Viral filter | <input type="checkbox"/> Inline suction |

Circuit Setup

