

# Intubation Checklist for COVID19 Patient

Safety of the health care team is paramount and during a pandemic, health care worker safety is prioritised over the patient. Effective communication is key. Adapted from:

Drs. K Romano, N Chima, E Watson, J Atherstone, J Lohser on behalf of Departments Anesthesiology and Critical Care Vancouver Acute

## Intubation Goals

### 1. Minimise Aerosol Exposure:

- RSI (avoid BMV)
- Inflate Cuff Prior to Ventilation
- Clamp ETT Before Circuit Disconnection

### 2. Minimise Waste:

- Rationalise Kit

## Equipment

### Intubation Bag:

- ETT 7.5 w/ Stylet
- Syringe & Gel
- Glidescope + 4 Blade
- Anchorfast or Tie
- ETT Clamp
- Flex-Tube
- In-Line Suction

### Drugs:

- Ketamine 200MG
- Rocuronium 200MG
- Phenylephrine X 2
- Propofol 1% 100ML
- Norepinephrine Infusion
- Additional drugs available on request

### Crash Bag:

- Bougie
- ETT 6.5, 7.0, 8.0
- X Glidescope Blade
- LMA 3 & 4 & 5
- DL MAC 3 & 4
- FONA (Bougie/Scalpel) Kit
- ACLS Drug Box & Zoll Defibrillator
- X Stylet

### Anteroom Bag:

- Plan B Kit (Assembled during brief from **Crash Bag**)

## Team Brief (Lead by Anesthesia / EP)

1. Team Introduction & **Assign Roles**
2. Patient Allergies/Consent/Code Status
3. Empty Pocket Check
4. Review Intubation Plan & Prepare Kit
  - Plan A/B/C
  - RSI Sequence & Drug Dosing — Recommend 1.5MG/KG Rocuronium
  - Prepare **Intubation Bag & Drugs**
  - Prepare **Anteroom Bag** from **Crash Bag**
  - Trauma Surgeon notified if Necessary
  - Review Communication Prompts
5. Room Check
  - Ambu-Bag /OPA/HEPA Filter
  - Capnography
  - Suction + Yanker
  - > 2 IV Pumps
  - IV Access X 2
  - Ventilator + Closed Suction
  - Plastic Drape
6. Cardiac Arrest: **AIRWAY THEN COMPRESSION!**

OUTSIDE ROOM

### Team Roles:

**Intubator/Room Lead**  
ANESTHESIOLOGIST / EP

**Anteroom Runner (PPE ON)**  
RT +/- RN

**Second RN**  
(External, Observer/Chart)

**Drug Administration**  
RN

+/- **Second Anesthesiologist / EP**

**Airway Assistant**  
RT

+/- **Intensivist**

-

## Before Room Entry

- Collect **Intubation Bag & Drugs**
- Collect **Anteroom Bag**
- Collect Additional Discussed Equipment  
+/- CVC, Arterial Line
- DON PPE
- Buddy Check

## Pre-Intubation

### Ready Intubation Equipment

- Glidescope + Blade
- ETT w/ Stylet & Syringe
- Anchorfast
- Suction
- Ventilator + Closed Suction + Capnography
- Ambu-Bag (+/- PEEP Valve) + HEPA + Mask + OPA
- Clamp
- Ventilator preset on stand-by

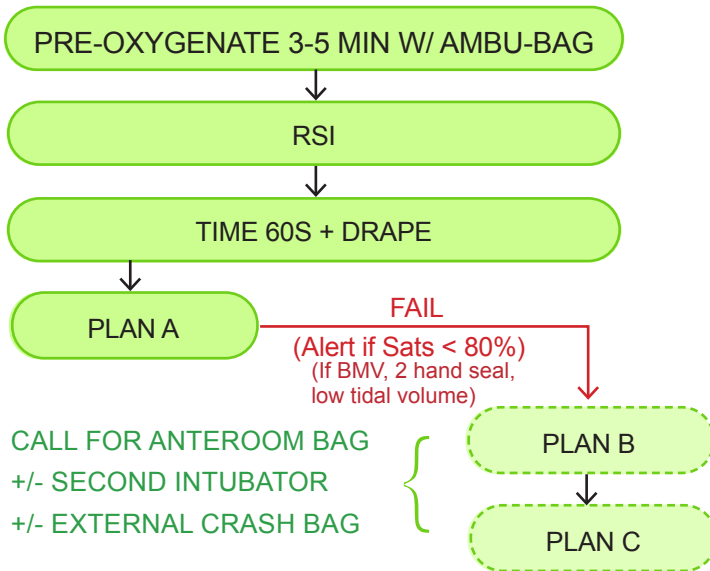
### Check Patient

- Position
- Monitors
- IV Access X 2
- Prepare Infusions

### Time Out

- Review Intubation Plan
- Address Concerns
- **Reinforce Key Points to Minimize Exposure:**
  - Avoid BMV
  - Tolerance of Hypoxemia
  - Clamp ETT for Circuit Disconnect

## Intubation



## Post-Intubation

### Success

- Inflate Cuff
- Attach to Closed Suction + HEPA + Capnography + Ventilator Circuit
- Confirm ETCO<sub>2</sub>
- Secure Tube
- Initiate Sedation Infusion
- Initiate Ventilation Strategy
- Insert NGT

### Before Exit

- Ensure Patient Stability
- Discard Disposables
- RT Clean Glidescope with AHP Wipes (White Top) then hand off to Anteroom for Second Clean
- DOFF PPE with Observer

## End

- Wash Exposed Areas
- Hot Debrief; Critical Points
- Restock and Clean Kit

# COVID-19 Emergency Intubation Checklist



SAFE AIRWAY SOCIETY

## CHECK BEFORE ENTERING ROOM

### Team

- Anaesthesia contacted if difficulty anticipated
- Team introduced:
  - Airway Operator
  - Airway Assistant
  - Team Leader/Drugs
  - In-room Runner: optional
  - Door Runner
  - Outside room Runner
- Problems anticipated?

### Patient

- ECG, BP, Sats
- Pre-oxygenation
  - FIO<sub>2</sub> 100%
  - Sitting position 45°
- IV access x 2
  - 1L fluid on pump set
- Haemodynamics optimised
  - Fluid bolus
  - Pressor

### Drugs

- RSI drugs drawn up, doses chosen
- Rescue drugs
  - Metaraminol
  - Sugammadex
- Post intubation sedation plan
- Drug C/I or allergies?

### Equipment

- 2 Laryngoscopes (tested)
- Tube chosen; cuff tested
- Bougie/stylet
- 10ml syringe
- Tube tie
- Lubricant
- Supraglottic airway sized to pt
- Scalpel + bougie CICO kit
- Airway trolley/bronchoscope outside room
- ETCO<sub>2</sub>
- Viral filter

## FINAL CHECK IN ROOM

- Patient position optimal
- Fluid runs easily
- Suction working
- Facemask with viral filter connected
- ETCO<sub>2</sub> trace
- O<sub>2</sub> running at 15L.min<sup>-1</sup>
- Oropharyngeal/nasal airways
- Airway plans:
  - Plan A: Videolaryngoscopy with bougie/stylet
  - Plan B: Supraglottic airway
  - Plan C: Vice grip, 2-person +/- Guedel/NPA
  - Plan D: Scalpel/bougie/tube