Intubation Checklist for Suspect and Confirmed Cases of COVID-19

**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.**

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**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 (EVAC) w/ Stylet
- Syringe & Gel
- Videolaryngoscope + Blade
- Anchorfast or Tie
- ETT Clamp
- Flex-Tube
- In-Line Suction

**Drugs:**
- Ketamine 200mg
- Rocuronium 200mg
- Phenylephine 100mcg/ml - 2 syringes
- Propofol infusion
- Norepinepherine Infusion
- Additional drugs available on request

**Crash Bag:**
- Bougie
- ETT 6.5, 7.0, 7.5, 8.0
- Alternate VL Blades
- X Mcgrath Blade
- LMA 3 & 4 & 5
- DL MAC 3 & 4
- Cricothyroidotomy Set
- ACLS Drug Box + Defibrillator

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

**Team Brief (Lead by Anesthesia)**

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 1-2mg/kg Ketamine, 1.5 mg/kg Rocuronium
   - Prepare Intubation Bag & Drugs
   - Prepare Anteroom Bag from Crash Bag
   - Surgeon notified if Necessary for FONA
   - Review Communication Prompts
5. Room Check
   - Ambu-Bag /OPA/HEPA Filter
   - Capnography
   - Suction + Yankauer
   - > 2 IV Pumps
   - IV Access
   - Ventilator + Closed Suction
   - Plastic Drape
6. Cardiac Arrest: AIRWAY THEN COMPRESSION!

**Team Roles:**

- **Intubator/Room Lead:***
  - ANESTHESIOLOGIST
- **Drug Administration:**
  - RN
- **Airway Assistant:**
  - RT
- **Anteroom Runner (PPE ON):**
  - RT or RN
- **Second RN:**
  - (External, Observer/Chart)
- **Second Intubator:**
  - Intensivist
  - (External)

*If you have fever, a new cough, or are having difficulty breathing, call 8-1-1.*

Non-medical inquiries
1-888-COVID19 (1888-268-4319)
or text 604-630-0300
## Intubation Checklist for Suspect and Confirmed Cases of COVID-19

### 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
- Videolaryngoscope & Blade
- ETT w/ Stylet & Syringe
- Anchorfast
- Suction
- Ventilator + Closed Suction + Capnography
- Ambu-Bag (No PEEP Valve) + HEPA + Mask + OPA
- Clamp
- Ventilator preset on stand-by

#### Check Patient
- Position
- Monitors
- IV Access
- Prepare Infusions

### Inside Room
#### Intubation
**PRE-OXYGENATE 3-5 MIN W/ AMBU-BAG**

**RSI**

**TIME 60S + DRAPE**

**FAIL** (Alert if Sats < 80%)

**CALL FOR ANTEROOM BAG**
**+/− SECOND INTUBATOR**
**+/− EXTERNAL CRASH BAG**

**PLAN A**

**PLAN B**

**PLAN C**

### Post-Intubation
#### Success
- Inflate Cuff
- Attach to Closed Suction + HEPA + Capnography + Ventilator Circuit
- Confirm ETC02
- Secure Tube
- Initiate Sedation Infusion
- Initiate Ventilation Strategy
- Insert NGT

#### Before Exit
- Ensure Patient Stability
- Discard Disposables
- RT Clean videolaryngoscope then hand off to Anteroom for second clean
- DOFF PPE with Observer

### OUTSIDE ROOM
#### Before Exit
- Wash Exposed Areas
- Hot Debrief; Critical Points
- Restock and Clean Kit

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