

# Emergency tracheal intubation checklist COVID-19

## Personal Protective Equipment

## Prepare Equipment

## Prepare for Difficulty

## In the Room

## Post-procedure and Safety

### OUTSIDE ROOM

- ☐ Consents- Signed if applicable
- PPE – be thorough, don't rush**
- ☐ Wash hands
- ☐ Buddy with checklist
- ☐ Put on PPE
  - ☐ Gown
  - ☐ PAPR (N-95 if not available)
  - ☐ Gloves- Double Glove
  - ☐ Eyewear
  - ☐ Headwear and shoe covers
- ☐ Final buddy check
- ☐ Names on gown
- ☐ Allocate roles:
  - A:** Team leader and intubator
  - B:** RT- Cricoid force and intubator's assistant
  - C:** RN- Drugs, monitor, other
  - D:** Runner (outside)
- ☐ How does runner contact further help if required?

- ☐ Check Airway Supplies
  - ☐ BVM with HEPA Filter
  - ☐ Difficult Airway Cart Available
  - ☐ Oral airways #9, #10
  - ☐ Working suction/Yankauer
  - ☐ Video Laryngoscope
  - ☐ Bougie
  - ☐ Stylet
  - ☐ Tracheal tubes 6.5, 7.5
  - ☐ 10ml Syringe x2
  - ☐ Tape
  - ☐ Tube clamp
  - ☐ LMA #3, #4
  - ☐ Scalpel and Chloraprep
- ☐ Do you have all the drugs required?
  - ☐ Propofol/Etomidate/Ketamine
  - ☐ Muscle relaxant
  - ☐ Phenylephrine/Ephedrine Syringe
  - ☐ Maintenance sedation
  - ☐ Alaris Pump
- ☐ Weight and Allergies?
- ☐ Central Line supplies:
  - CVL kit, sterile gloves, ultrasound + probe cover, drape for U/S
- ☐ Art Line Suplies:
  - Arrow kit, transducer, tape, armboard, local aneth

- ☐ If the airway is difficult, could we wake the patient up?
  - ☐ VERBALISE the plan for a difficult intubation?
    - Plan A:** RSI
    - Plan B:** 2-handed 2-person mask ventilation
    - Plan C:** LMA
- Facemask**

  - 2-person
  - Adjuncts
  - Low flow
  - Low pressure

**LMA**
- Plan D:** Cricothyroidotomy: scalpel-bougie-tube
  - ☐ Confirm agreed plan
  - ☐ Does anyone have any concerns?

### INSIDE ROOM

- ☐ Airway assessment
  - ☐ Mallampati, neck, mouth opening
  - ☐ Identify cricothyroid membrane
- ☐ Apply monitors
  - ☐ Waveform capnography
  - ☐ SpO<sub>2</sub>
  - ☐ ECG
  - ☐ Blood pressure
- ☐ Checked i.v. access
- ☐ Optimise position
  - ☐ Consider ramping or reverse Trendelenburg
  - ☐ Firm mattress
- ☐ Optimal pre-oxygenation
  - ☐ ≥ 5 min or ETO<sub>2</sub> > 85% (No NIV, no HFNO)
- ☐ Optimise patient condition before tracheal intubation
  - ☐ Fluid/vasopressor/ inotrope
  - ☐ Aspirate nasogastric tube
- ☐ Now proceed

### AFTER AND LEAVING

- ☐ Airway management
  - ☐ Inflate cuff before any ventilating
  - ☐ Check waveform capnography
  - ☐ Push/twist connections
  - ☐ Clamp tracheal tube before any disconnection
  - ☐ Avoid unnecessary disconnections
- ☐ Other
  - ☐ Arterial Line if indicated
  - ☐ Central Venous Line if Indicated
- ☐ Careful equipment disposal
- ☐ Decontamination of reusable equipment
- ☐ Remove PPE
  - ☐ Observed by buddy
  - ☐ Use checklist
  - ☐ Meticulous disposal
  - ☐ Wash hands
- ☐ Complete Documentation and orders