

# COVID-19 AIRWAY CHECKLIST



**BEFORE ENTERING ROOM**

**SLOW DOWN CHECK PPE**

## TEAM



- PPE Spotter
- Primary team
  - MD: Intubator/Lead
  - Airway assistant\*
  - Clinical assistant\*
- Support team
  - MD: Intubator assist + cardiac arrest lead
  - Airway assistant\*
- Review roles

\*RT, Medic, Nurse

## EQUIPMENT



- AIRWAY ASSIST KIT
- INTUBATION KIT
- Supplies from COVID CART
- Two bougies
- Towels/ramp for positioning
- KIT DUMP Sheets
- Video-laryngoscopy check
- Ventilator + extra filter
- IV equipment
- Medications (w/flush):
  - RSI (Induction/paralytic)
  - Pre-dosed vasopressor
  - Post ETI sedation-analgesia

## PLAN



- SUMMARIZE PLAN
  - Preoxygenation
  - Plan A: **MAC VL + BOUGIE**
  - Plan B: **Alternative**
  - Plan C: **Exit strategy**
  - Plan D: **Emergency strategy**
- Encountered difficulty
- Cardiac arrest
- Circuit disconnection

**ADDRESS QUESTIONS?**

## INTUBATION

### PREOX

3-5min / SATS >90%

Minimize flow

- NP 5-10LPM
- + Filtered NRB 15LPM
- OR
- Filtered CPAP:BVM 15LPM w/PEEP 10cmH2O
- + NP 5-10LPM or proximal inline 5-10LPM
- Ketamine 1mg/kg PRN if dissociation needed

### RSI/DSI

MAY NOT OBTAIN

- Head up 25° / Sniff position
- Ketamine 1-1.5mg/kg (if not given in preox OR no longer dissociated)
- Rocuronium 1.5 mg/kg
- Apneic CPAP + OPA until laryngoscopy
- 50 second count
- Place tube (see algorithm)

### ANTICIPATE DE SAT



**Closed loop Communication**

## POST INTUBATION

- Inflate cuff before ventilation
- Connect directly to ventilator w/viral filter
- Confirm tube placement by capnographic waveform - secure
- Suction Required:** Clamp tube; connect inline suction
- Hypotension:** Rescue Pressor + infusion PRN
  - Norepi, Epi, Phenylephrine
- Initial Ventilator:** Vt 6-8mL/kg if Driving pressure < 15, Pplat <30
  - Reassess and titrate as needed PEEP 10-12, FiO2 1.0, RR 16
- Sedation-Analgesia:** Ketamine/Propofol/Fentanyl
  - Bolus doses should be available

### CIRCUIT DISCONNECTION

Place finger over tube and attach filter

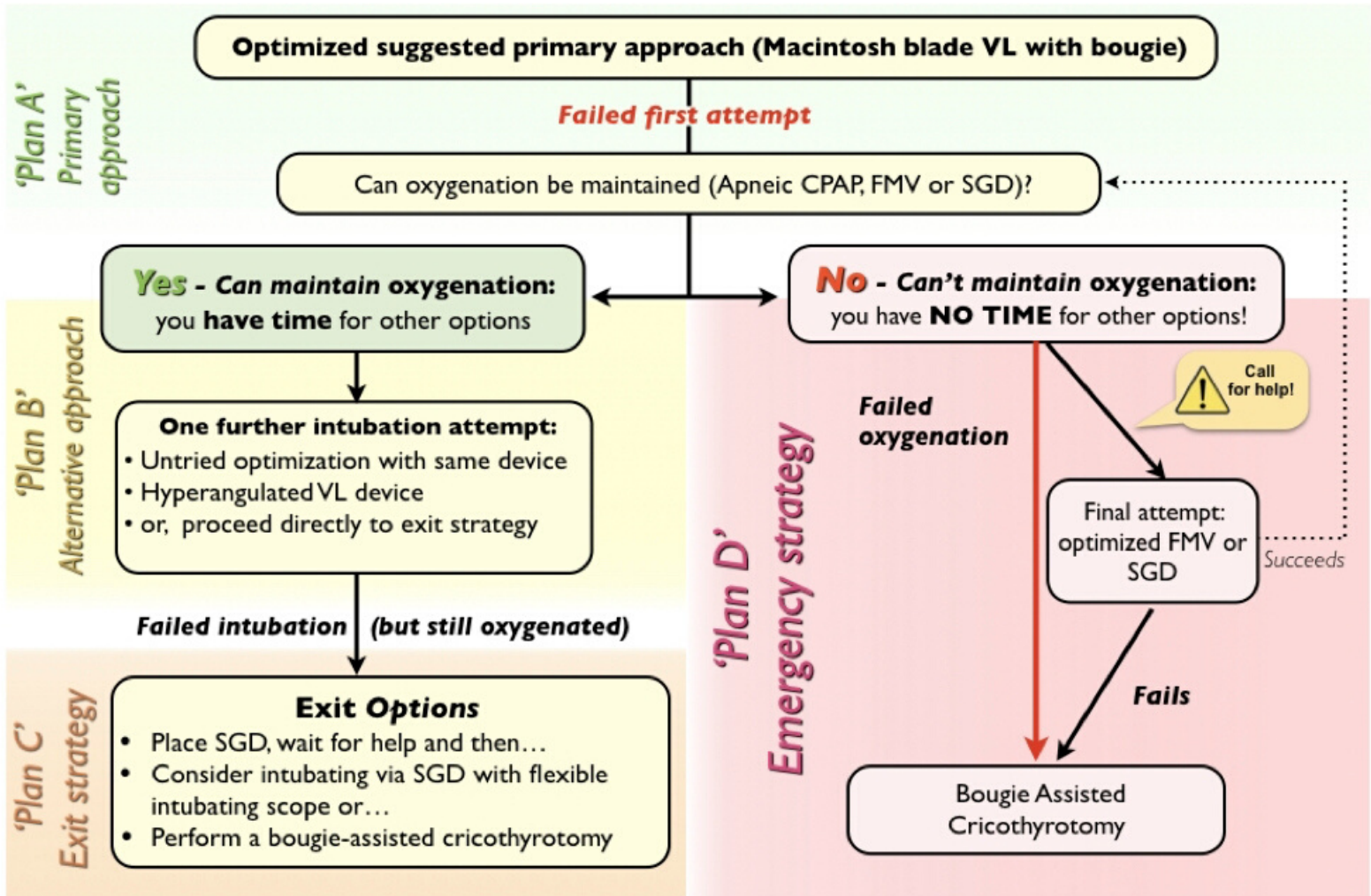


**Exit one-by-one**  
**Do off with a spotter**



# COVID-19 Adult Emergency Rapid Sequence Intubation Approach

PPE Check/Team briefing/Checklist review/Pre-oxygenate in designated area/RSI



## INTUBATION KIT

Regular ETT 8.0  
 Evac TT 7.5  
 VL stylet (1)  
 10cc syringe (2)  
 Lubricant (2)  
 Skin marker  
 #10 blade  
 Regular 6.0 TT

\*add from cart:  
 Igel - sized  
 VL Mac blade sized  
 VL HA blade sized  
 Rigid Suction  
 Colorimetric capnography



## AIRWAY ASSIST KIT

BVM with:  
 PEEP  
 Monometer  
 Flexmount  
 WFCO2  
 Viral Filter  
 Mask  
 OPA (red)  
 Tube secure device  
 10cc syringe (2)  
 NRB+Nasal prong  
 Extra viral filter  
 Inline suction

\*Add tube clamp from cart



## COVID CART (OUTSIDE ROOM)

\*not in kits

VL-Mac blade sized  
 VL-HA blade sized  
 Bougies  
 Igel / SGA sized  
 Colorimetric  
 Capnography  
 Tube clamps  
 Extra supplies  
 NRB  
 Nasal prong  
 OPA  
 Alt. Mask Sizes

**Be Safe, Slow Down, Take care of yourself in these difficult times**