

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

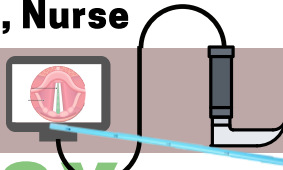
EQUIPMENT

- Go-Pack 1 (base kit)
- Go-Pack 2 (difficult airway)
- Pre-Ox Pack (BVM w/ filter)
- Two bougies
- Towels/ramp for positioning
- Video-laryngoscopy check
- Ventilator + extra filter
- IV equipment
- Medications:
 - RSI (Induction/paralytic)
 - Pre-dosed vasopressor
 - Flush
 - 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%

RSI/DSI

MAY NOT OBTAIN

- Minimize flow 
- NP < 5LPM
- Filtered NRB < 15LPM
- OR Filtered BVM up to 15 lpm w/ PEEP 10-15 cmH2O
- NP < 5 lpm 
- Ketamine 0.5-1mg/kg PRN if not tolerating preox

- Head up 25° / Sniff position
- Ketamine 1mg/kg (if not given for preox)
- Rocuronium 1.5 mg/kg
- Maintain airway 
- 50 second count
- Place tube (see algorithm)

ANTICIPATE DE SAT 



Closed loop Communication

POST INTUBATION

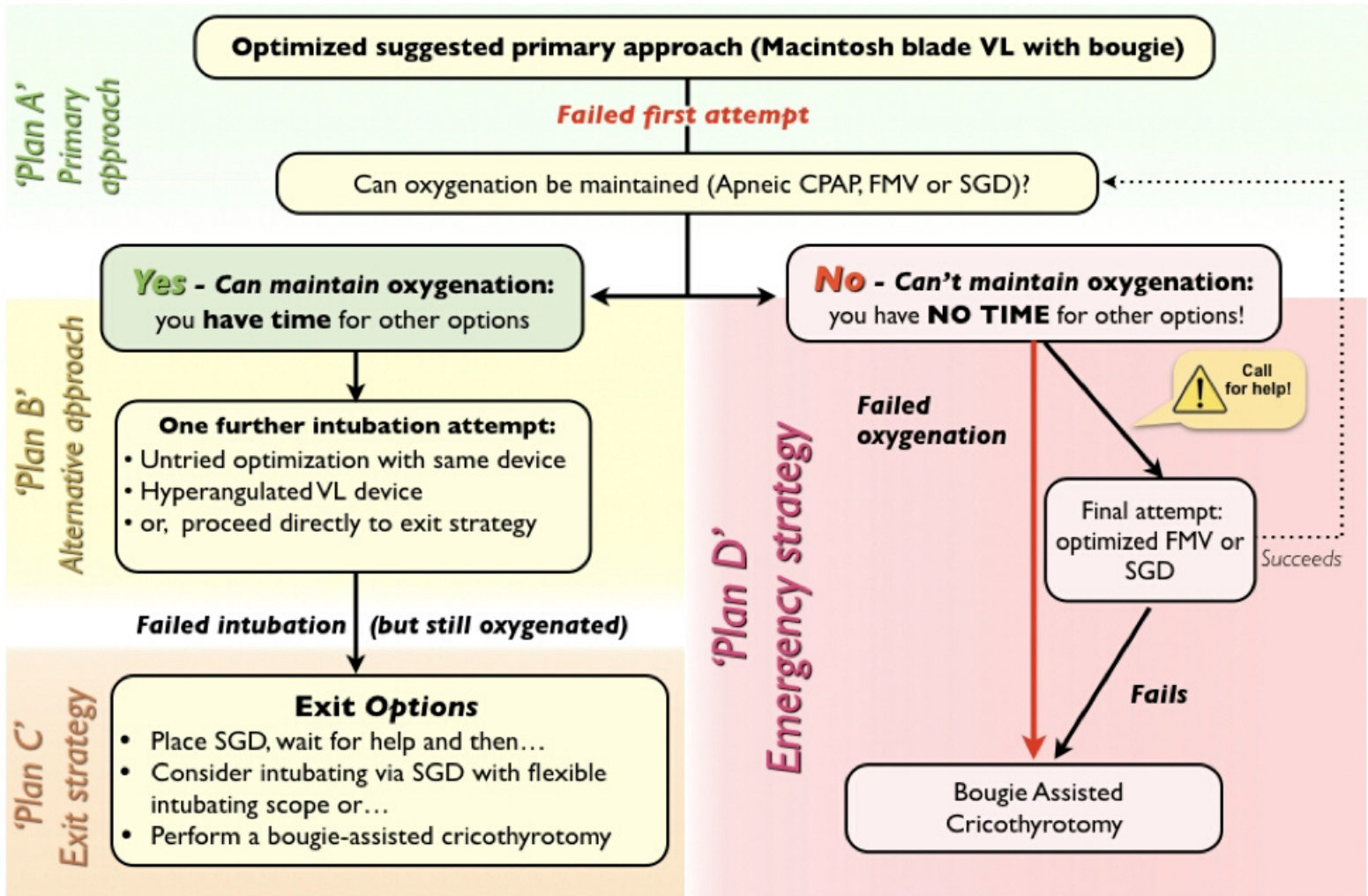
- Inflate cuff before ventilation
- Connect directly to ventilator w/ viral filter
- Confirm tube placement by capnographic waveform - secure
- Hypotension: Rescue Pressor + infusion PRN**
 - Norepi, Epi, Phenylephrine
- Initial Ventilator: Tidal volume 6cc/kg, PEEP 10-12, FiO2 1.0, RR 16**
 - Reassess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

CIRCUIT DISCONNECTION
Place finger over tube and attach filter 

Exit one-by-one
Doff with a spotter 

COVID-19 Adult Emergency Rapid Sequence Intubation Approach

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



FMV = Face Mask Ventilation; SGD = Supraglottic Device. Halifax ED Version 1.4 (16/03/20) Adapted from Can J Anesth (2013) 60: 1089-1118, with permission



GO-PACK 1 (BASE KIT)

Evac TT 7.0, 7.5
 Tube secure (tie + E-TAD)
 VL stylet (1)
 10cc syringe (2)
 Inline suction
 Yankauer suction
 Lubricant (2)
 OPA (sized)
 #10 blade
 Regular 6.0 TT
 Colorimeter ETCO2



GO-PACK 2 (DIFFICULT AIRWAY) Based on user need

PRE-OX PACK
 BVM with:
 PEEP
 Monometer
 Flexmount
 WFCO2
 Viral Filter
 Mask



COVID CART

GVL Mac & HA Sized
 CMAC Mac 3 or 4 & D blade
 Bougie (2)
 igel / SGA
 Extra supplies
 NRB
 Nasal prong
 OPA

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