# COVID 19 - PEDIATRIC Tracheal Intubation
## Operating Room Checklist

### PERSONAL PROTECTIVE EQUIPMENT

- **Donning PPE**
  - Check equipment
    - HEPA & anesthesia circuit leak test
    - OPA
    - Suction - working
    - Video laryngoscope - recommended first choice
    - Laryngoscope blade & handle - DL if VL difficult
    - Stylet
    - Tracheal tube
    - Cuff pressure monitor
    - In-line suction (correct size)
    - Tube clamp - non-traumatic
    - LMA 2nd gen. (correct size)
  - Buddy check
  - Allocate roles
    - Intubator
    - Skilled airway assistant
    - Runner (outside - donned)
    - Back up intubator outside (if difficult airway anticipated)
  - Minimize personnel in room for intubation
  - How does runner contact if further help required?

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### PREPARE FOR DIFFICULTY

- **Call for help**
  - If failed intubation with VL or DL, then oxygenate with face mask
    - 2 person
    - OPA
    - Low flow
    - Low pressure
    - Consider waking the child
  - AIRWAY ASSESSMENT
    - Experienced intubator
  - Apply monitors
    - Waveform capnography
    - SpO2
    - ECG
    - BP
  - IV access check
    - Expose IV site
    - Check patency
  - Optimise position
    - Reverse Trendelenberg
    - Shoulder roll / troop pillow
  - Pre-oxygenate
    - No NIV / No HFNO
    - Cricoid pressure if needed

### PREPARE EQUIPMENT

- **Airway assessment**
  - Experienced intubator
- **Apply monitors**
  - Waveform capnography
  - SpO2
  - ECG
  - BP
- **IV access check**
  - Expose IV site
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- **Optimise position**
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- **Pre-oxygenate**
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### SECURE AIRWAY

- **Airway management**
  - Intubate
  - Inflate cuff before ventilation
  - HMEF between ETT & circuit
  - Check capnography
  - Oxygenate / ventilate x 30s
  - Clamp ETT
  - Detach HMEF with circuit
  - Attach in-line suction
  - Reattach HMEF with circuit
  - Ventilate
  - Careful disposal & decontamination of soiled equipment

### INSIDE THE ROOM

- **Careful disposal & decontamination of soiled equipment**

### POST-PROCEDURE SAFETY

- **Careful disposal & decontamination of soiled equipment**

### AFTER

- **Careful disposal & decontamination of soiled equipment**

- **Remove face shield**
- **Remove N95 mask**
- **Wash hands**

- **Wait 30 min before cleaning room**

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Adapted from https://icmanaesthesiacovid-19.org/