

NETS COVID-19 INTUBATION CHECKLIST (Challenge and response)

| <u>Set up (Outside patient room)</u> | <u>Intubation (Inside patient room)</u> | <u>After Intubation</u> |
|---|--|--|
| <p>4 Core Roles Identified</p> <ol style="list-style-type: none"> 1. Most experienced airway proceduralist <input type="checkbox"/> 2. Airway assistant <input type="checkbox"/> 3. Team leader/drugs administrator, in-room assistant <input type="checkbox"/> 4. Outside runner <input type="checkbox"/> <p>Discuss Airway strategy plan <input type="checkbox"/></p> <p><u>Ventilation equipment:</u></p> <p>Appropriate viral filter – Bact-trap (wet)/ HME (dry) <input type="checkbox"/></p> <p>Ventilator set up and checked: circuit + ETCO₂ + viral filter + in-line suction (ETT end) <input type="checkbox"/></p> <p>2nd viral filter on exhalation valve/housing. <input type="checkbox"/></p> <p>Ventilator standby/off, test lung detached & circuit covered <input type="checkbox"/></p> <p><u>Intubation equipment:</u></p> <ul style="list-style-type: none"> • Anaesthetic bag/self-inflating bag + viral filter + mask <input type="checkbox"/> • Cuffed ETTs correct size & ± 0.5mm; lubricant, bougie/introducer + gauze, cut tapes, 5ml syringe, cuff manometer, ETT clamp, Magill's forceps and sterile drape <input type="checkbox"/> • Laryngoscope/video laryngoscope + blades <input type="checkbox"/> • LMA & Guedel Airway <input type="checkbox"/> • Suction catheter for oropharynx <input type="checkbox"/> • Gastric tube and syringe <input type="checkbox"/> • Small clear biohazard bag <input type="checkbox"/> <p>Induction drugs, vasopressors, fluid bolus and continuous infusions (incl. sedation & paralysis) +/- Equipment for 2nd PIVC <input type="checkbox"/></p> <p>PPE donned (contact + airborne) & buddy checks <input type="checkbox"/></p> | <p>NETS doctor – first look examination <input type="checkbox"/></p> <p>System connected (gases & power) <input type="checkbox"/></p> <p>Monitoring applied (ECG, SpO₂, BP & ETCO₂) <input type="checkbox"/></p> <p>IV access patent; Haemodynamics optimized (volume expansion, vasopressors prn), 2nd PIVC <input type="checkbox"/></p> <p>Suction tested & catheter attached <input type="checkbox"/></p> <p>Intubation equipment set up for easy access <input type="checkbox"/></p> <p>If on face mask CPAP, increase O₂ to 100% <input type="checkbox"/></p> <p><u>Otherwise</u> place anaesthetic bag + viral filter+ mask on patient. Two handed tight seal technique. <input type="checkbox"/></p> <p>Turn O₂ flow on to maintain PEEP. <input type="checkbox"/></p> <p>Patient position optimized for intubation <input type="checkbox"/></p> <p>Confirm ready for intubation <input type="checkbox"/></p> <p>Induction at: __ / __</p> <p>Induction agents, confirm muscle relaxation <input type="checkbox"/></p> <p>Gas flow off to bag/mask circuit <input type="checkbox"/></p> <p>Intubate, ETT position (cm) cords ____ lips ____ <input type="checkbox"/></p> <p>Cuff inflated and ensure no leak <input type="checkbox"/></p> <p>Introducer/bougie out, gauze used to trap secretions. Laryngoscope out <input type="checkbox"/></p> <p>Connect to ventilator without bagging, turn ventilator on <input type="checkbox"/></p> <p>Confirm good ETCO₂ trace, chest excursions <input type="checkbox"/></p> <p>Secure ETT <input type="checkbox"/></p> <p>Insert gastric tube <input type="checkbox"/></p> <p>Call for X Ray <input type="checkbox"/></p> | <p>Dispose of all non-reusable items in clinical waste bin outside room <input type="checkbox"/></p> <p>Double bag and seal equipment for inhalation and CSSD cleaning (biohazard/COVID-19) <input type="checkbox"/></p> <p>Troubleshooting</p> <p>If disconnection is required from the ventilator:</p> <ul style="list-style-type: none"> • Turn ventilator off at end of expiration • Clamp ETT • Ensure viral filter always remains between inline suction catheter and chosen breathing circuit • Disconnect ventilator circuit. • Connect ETT+ inline suction+ viral filter +ETCO₂ to bagging circuit • Unclamp ETT, turn on gas flow, do procedure then clamp ETT • Reconnect ventilator, unclamp ETT, ventilator on • Adjust ventilator settings if needed <p>If disconnection is required from bagging circuit with viral filter only:</p> <ul style="list-style-type: none"> • Turn gas flow off at end of expiration • Clamp ETT • Disconnect ETT without filter • Connect ETT to in-line suction+ viral filter + ETCO₂ + ventilator circuit • Unclamp ETT • Turn ventilator on. • Adjust ventilator settings if needed |