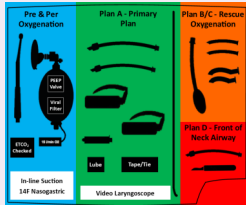
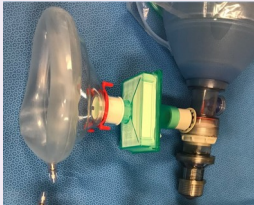
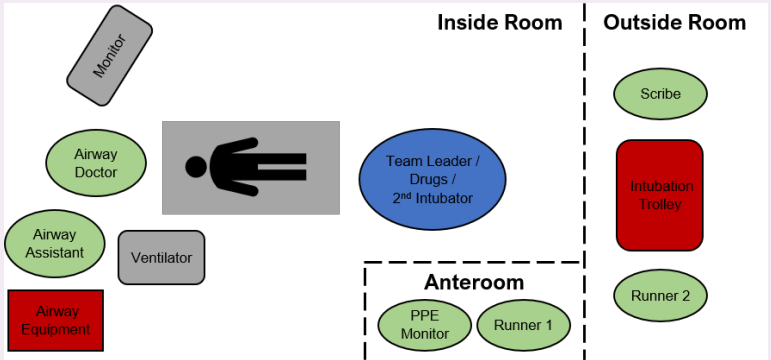


## Intubation of Confirmed or Suspected COVID-19 Patients

<b>Planning</b>	<b>Timing</b> Consider intubation early - Minimise staff exposure - Maximise preparation <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <b>Remember</b>                      PAPR will take minimum 15 minutes to apply                 </div>	<b>Location</b> Intubation should occur in a <b>negative pressure room with an anteroom</b> . If this is not available, use a neutral pressure room with the door closed.	<b>Patient Assessment</b> Early airway assessment by senior medical staff with clear documentation <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">                     If a difficult airway is predicted                      Contact Anaesthetic CIC                 </div>	<b>Pre-oxygenation</b> Pre-oxygenate for 3 minutes using tight-fitting BVM + PEEP valve with 15L/min 100% O <sub>2</sub> Closed-circuit NIV may be used in ICU only Do not use supplemental flow via Nasal Prongs
	<b>Plan A - Primary Plan</b> <i>Intubation should be performed by the practitioner with the most airway management experience.</i> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">                     Use of Video Laryngoscopy (VL) is encouraged as 1st line for intubation                 </div>	<b>Plan B/C - Rescue Oxygenation</b> <b>Supraglottic Airway Device (SAD) is the preferred technique for rescue oxygenation</b> Rescue oxygenation via Facemask can be used if the above fails - Two person bagging technique - Use adjuncts (Oral +/- Nasal airway)	<b>Plan D - Front of Neck airway</b> <b>Scalpel-bougie-tube cricothyroidotomy is the preferred technique<sup>7</sup></b> Be prepared for a potential FONA - Required equipment should be in the room for intubation	
<b>Equipment</b>	<b>Personal Protection Equipment (PPE)</b> Contact, Droplet & Aerosol precautions Impervious Gown Fit tested N95 Mask Eye Protection Non-sterile Gloves PPE Monitor Must supervise the application and removal of PPE	<b>Powered Air Purifying Respirators (PAPR)</b> Available for use by all staff in room during Aerosol Generating Procedures (AGP) - Intubation - Bag / Mask Ventilation - Bronchoscopy <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">                     Preparation, checking &amp; application of PAPR takes a minimum of 15 minutes                 </div> Specifically trained PAPR staff <b>must</b> assist with application & removal	<b>Intubation Equipment</b> Prepare equipment on small trolley outside room using COVID-19 specific drop sheet All airway equipment required for Plan A → D should be taken into patient room BVM Circuits should be fitted with a Bacterial/Viral Filter Place the filter between the BVM stem and the mask ETCO <sub>2</sub> window should be placed between the filter and BVM stem (Not shown)	 
	<b>Intubation team roles</b> Two senior intubation experienced medical staff must be present A minimum of 3 personnel (Balances safe intubation & minimises staff exposure) <b>In-Room Roles</b> 1 Team Leader / Drugs / 2nd Intubator 2 Airway doctor 3 Airway assistant <b>Out of Room Roles</b> 4 Runner 1 (Full PPE)      6 Scribe 5 PPE Monitor (Full PPE)      7 Runner 2	<b>Suggested Room Organisation</b> 		
<b>Drugs</b>	<b>Induction Agents</b> Use higher mg/kg dose of muscle relaxants to ensure rapid onset of optimal intubating conditions and reduce risk of patient coughing Rocuronium 1.2 - 1.6mg/kg (IBW) Suxamethonium 1.5 - 2.0mg/kg (TBW) Allow 1 minute for adequate muscle relaxation	<b>Induction</b>	<b>Modified Rapid Sequence Intubation</b> We recommend a modified RSI approach <b>Important modifications</b> - Do not routinely use Cricoid Force - Avoid BVM ventilation during apnoeic period unless life-threatening refractory hypoxaemia - Wait until the cuff is up post intubation to ventilate	
	<b>General Notes</b> - Confirm ETT position with ETCO <sub>2</sub> - Use closed suctioning system - Avoid circuit disconnections - Clamp ETT for planned disconnections	<b>Complete a Team Debrief</b>		
<b>Post</b>				