

Paediatric Emergency changes due to COVID19



Western Health

COVID - 19

Be Safe -- Be Smart -- Be Kind

	<p>Paediatric Airway Management</p> <ul style="list-style-type: none"> • Paediatric intubation in ED is a high risk / low frequency procedure • All children requiring intubation will be treated as suspected COVID19 • Intubated children require transport to a paediatric ICU by PIPER service • ED Hamilton ventilator • Ketamine pack A preferred unless otherwise directed by Paediatric EP • Combination of paediatric intubation tray & Broselow trolley (weight-based drawer) replaces airway equipment box and existing airway trolley • Two-person bag-valve-mask • Check inline suction is appropriately sized for ETT
	<p>Nitrous oxide</p> <ul style="list-style-type: none"> • Nitrous oxide is considered an aerosol generating procedure due to positive pressure generation and gas flow. Vomiting (a known side effect of nitrous oxide) is also an AGP • Crying also generates aerosols • <u>Preparation:</u> 1st choice: negative pressure room, 2nd choice: closed door room consider other sedation modalities & risk/benefit of each, prepare emesis bag / suction prior • <u>Patient:</u> low CoVID risk only, engage patient and family, build rapport to optimise calm sedation, use distraction techniques • <u>Equipment:</u> best fitting mask + viral filter, maintain closed circuit, avoid mouthpiece • <u>Staffing:</u> notify NIC, limit staff in room, don appropriate PPE • <u>Procedure:</u> avoid unnecessary high gas flows, efficient procedure • <u>Post procedure:</u> recovery in 100% FiO₂, appropriate infection prevention measures post • <u>Escalation plans:</u> discuss with team prior to procedure including potential airway compromise, have a backup plan • Follow nitrous oxide flowchart in guideline on CoVID microsite https://coronavirus.wh.org.au/clinical-guidelines/emergency-medicine/
	<p>Patient cohorting</p> <ul style="list-style-type: none"> • Paediatric patients at Sunshine will be separated into High and Low risk COVID zones • See 'cohorting plan' on covid microsite for cubicle layout/ paediatric patient journey https://coronavirus.wh.org.au/clinical-guidelines/emergency-medicine/
	<p>Resources</p> <ul style="list-style-type: none"> • Resources re: medications including resus – https://coronavirus.wh.org.au/clinical-guidelines/emergency-medicine/
	<p>Minimising contact</p> <ul style="list-style-type: none"> • Consider whether you need to enter the room / avoid unnecessary use of PPE eg. consider conducting final discharge conversation via phone / video call