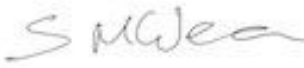




<b>Document Title</b>	<i>MaGrath Video laryngoscope</i>
<b>Version Number</b>	<b>V0.2</b>
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### Approval signatures

The author, authoriser and approver table should be the cover page:

Author: Signature & date	  22/02/2021	Name Dr Steven McVea	Position Consultant PICU & NISTAR
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Approval by: Signature & date		Name Dr Brian Mullan	Position NISTAR Clinical Director

No	Operating Procedure	Key Points
1	Introduction	<p>Video-laryngoscopy is an alternative to direct laryngoscopy during difficult endotracheal intubation.</p> <p>Through video-laryngoscopy an indirect view (view of larynx on video screen only) can be obtained and may be better than the view offered through direct laryngoscopy.</p>
2	Objective	To outline key recommendations for operational use of the Magrath video-laryngoscope during Paediatric Retrieval.
3	Scope	This SOP is for use by the Paediatric Retrieval team if required to conduct video-laryngoscopy during retrieval.
4	<b>Procedure</b>	<p><b>Preparation</b></p> <p><b>1) Laryngoscope</b></p> <ul style="list-style-type: none"> <li>• The unit On-Off switch is on the battery:             <ul style="list-style-type: none"> <li>• short press for On.</li> <li>• long press for Off.</li> </ul> </li> </ul>



- When On, the screen displays battery life in minutes
  - (max 250 mins)
- Blades are Macintosh type, sterile and single use.
- Size 1, 2, 3 and 4 are available.
- Clip the blade into position on the camera stick.

## 2) ETT

- The Magrath video-laryngoscope offers the opportunity to obtain direct and indirect views of the laryngeal opening.
- An indirect only view should be prepared for by either
  - pre-loading the ETT onto a well lubricated size appropriate stylet OR
  - having a size appropriate bougie immediately to hand
- If using a stylet the ETT should be pre formed to either a hockey stick or to the shape of the chosen blade as per the intubator's preference.

		<p><b>Technique</b></p> <ul style="list-style-type: none"> <li>• Perform laryngoscopy via standard technique.</li> <li>• Optimise view through laryngoscope position adjustment and use of BURP.</li> <li>• Optimal view may be an indirect view necessitating use of a bougie or stylet to allow effective ETT delivery.</li> </ul> <p><b>Battery</b></p> <ul style="list-style-type: none"> <li>• Battery life is displayed on screen</li> <li>• Maximal battery life is 250 mins</li> <li>• Once battery life &lt; 5mins then battery should be replaced</li> <li>• To replace battery, pull tab to remove battery pack and replace with spare battery pack within Magrath box</li> <li>• If spare battery utilised during retrieval then a replacement spare battery should be placed into the Magrath box on return to base.</li> </ul> <p><b>Cleaning</b></p> <ul style="list-style-type: none"> <li>• Remove blade and dispose of in clinical waste</li> <li>• Clean laryngoscope body using disinfectant wipes</li> <li>• If cleaning laryngoscope body through chemical immersion, ensure battery pack is removed prior to immersion.</li> </ul>
5	Regulation/ Guidelines/references	N/A
6	Related documents	N/A
7	Abbreviations	ETT – endotracheal tube BURP – Backward Upward Rightward Pressure
8	Revision history	Version 0.1 - 17/12/2020 initial draft Version 0.2 - 22/02/2021 added image of device