

McGRATH® MAC (video laryngoscope) Guidelines for use

McGRATH® MAC video laryngoscope.

- The non-disposable handle comes with a 2.5" screen.
- Disposable MAC size 2, 3 and 4 blades are available
- Each handle costs approximately £650; blades cost £4 each and spare batteries cost £19 each



Introduction

- McGrath MAC scopes must only be used by trained personnel
- McGrath MAC scopes must only be cleaned by trained personnel
- The McGrath MAC laryngoscope is kept in Drawer 1 of the Critical Care Airway Trolley. It is checked and cleaned every morning by nursing staff.
- A spare battery is kept in Drawer 5 also.
- It is stored in a sterile environment and **MUST** be checked before and cleaned after every use to comply with IPCT guidance
- Each Critical Care unit has a designated clean area for the Tristel® cleaning procedure (e.g. Clean Utility in Ward 118, RIE)

Indications for use

When the intubator's preference is to use the McGrath Mac as first choice

When the presumed risk of difficult intubation is high.

- Previous difficult intubation documented
- Previous head and neck surgery

Usage

1. Only remove the clean McGrath Mac from the bag in the immediate pre-intubation preparation phase.
2. Ensure the handle is not damaged and the battery has >20mins charge. Charge is displayed in the lower right corner of the screen.
3. Slide disposable blade over the stick portion of the device. It is fully located when the blade clip is firmly latched to the stick.
4. Turn on the scope with a single push of the power button.
5. Use for direct or video laryngoscopy.
6. Confirm tube insertion depth on the screen.
7. Dispose of blade after use in orange clinical waste bins
8. Complete audit form (Appendix i)
9. Clean the handle using the Tristel® kit as per the instructions below.

Cleaning instructions



1. Carry out hand hygiene and don PPE e.g. non-sterile disposable gloves and apron
2. **Stage 1** - a detergent wipe to remove any potential surface contamination. Wipe all parts from the handle to the tip (the cleanest part to the dirtiest)
3. Dispose of wipe and gloves, then don new gloves
4. **Stage 2** - a high-level disinfection. Use 2 pumps from the 100ml bottle - the activator dispenser - on the 2nd wipe and 'scrunch' to activate. Wipe from handle to tip. Leave the sporicidal agent in contact with the scope for a minimum of 30 seconds.
5. Dispose of wipe and gloves, then don new gloves
6. **Stage 3** – a wipe with de-ionised water, for removal of any chemical residues. Wipe from handle to tip.
7. Allow to dry or dry with a sterile paper towel and **store in a size P sterile paper bag**. Please document the time and date of cleaning on a sticker placed on the paper bag.
8. Complete Tristel® Quality Audit Trail **Record Book of cleaning** procedure.

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