

C-MAC® Video Laryngoscope – Care and Maintenance

This Local Operating Procedure is developed to guide safe clinical practice in Newborn Care Centre (NCC) at The Royal Hospital for Women. Individual patient circumstances may mean that practice diverges from this Local Operating Procedure.

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INTRODUCTION

Video laryngoscopes are used to visualise the airways and vocal cords during endotracheal intubation and for the inspection and examination of the upper airway tract.

1. AIM

- To assemble and appropriately care for the C-MAC® video laryngoscope

2. PATIENT

- Newborns

3. STAFF

- Medical and nursing staff

4. EQUIPMENT

- C-MAC® video laryngoscope
- C-MAC® pocket-monitor
- C-MAC® monitor
- Neutral detergent wipe

5. CLINICAL PRACTICE

Procedure

1. Inspect the device for completeness, damage and integrity before and after every use. Do not use damaged device.
2. Inspect the device for visible contamination before use. Do not use contaminated device.

C-MAC® pocket monitor

3. Check the battery pack is fully charged (green light on charger - Picture 1).
4. Remove battery pack from charger (Picture 1).
5. Insert the charged battery pack to the C-MAC® pocket monitor (Picture 2). Do not use force to click the battery into place as it will break the fine “pins” that connect the battery to the monitor.



Picture 1



Picture 2

6. Connect the C-MAC® pocket monitor to the socket of the video laryngoscope blade (Picture 3,4).



Picture 3

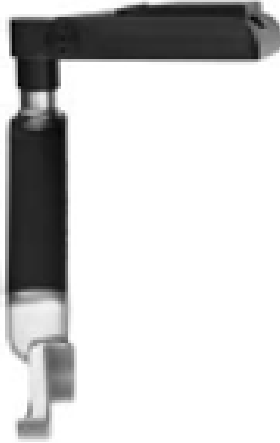


Picture 4

7. Turn on the Pocket monitor by folding the Open-to-Intubate (OTI) display upwards and turn towards left (Pictures 5-7).



Picture 5



Picture 6



Picture 7

8. Adjust the OTI display so that the image is optimally visible.
9. The C-MAC® video laryngoscope with C-MAC® pocket monitor is ready for use.

After use of C-MAC® pocket monitor

10. Turn the C-MAC® pocket monitor off after use by:
- Turn the OTI display to the right
 - Fold the OTI display to the right
 - Fold the OTI display downwards and the pocket monitor is switched off
11. Remove the battery pack from the C-MAC® pocket monitor.
12. Insert the battery pack into the charger for charging when not in use.
13. Disconnect the C-MAC® pocket monitor from the C-MAC® video laryngoscope after use.
14. Wipe the C-MAC® blade with a neutral detergent wipe.
15. Complete the log book in the tray of the C-MAC® monitor stand with the following details:
- Stick infant's addressograph in the log book
 - Record:
 - C-MAC® blade's serial number
 - Date equipment was used
 - User's name
 - Date sent to CSD
 - Sent by
16. Send laryngoscope blades to CSD for chemical thermal disinfection (NB. Usually takes 24 hours to be sterilised).

Return of C-MAC® from CSD

17. Store sterilised C-MAC® blades in the storage basket that is attached to the C-MAC® monitor pole in the Neonatal Fellow's office.
18. Complete record in the log book:
- Date received from CSD

- Received by

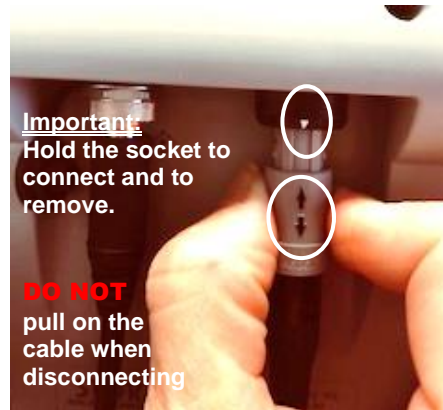
Assemble C-MAC® Monitor for use

19. Attach video connecting cable to primary connection for videoscope at the back of the monitor (Picture 8):

- Align the Black arrows on the connection for videoscope to the white arrow on the connection socket on C-MAC® monitor (Picture 8)
- Push the connection for videoscope into the connection socket on C-MAC® monitor (Pictures 9,10)
- Press the On/Off switch (top right-hand corner) on the front of monitor for 1 second (Picture 11)
- Monitor and C-MAC® blade is ready to use



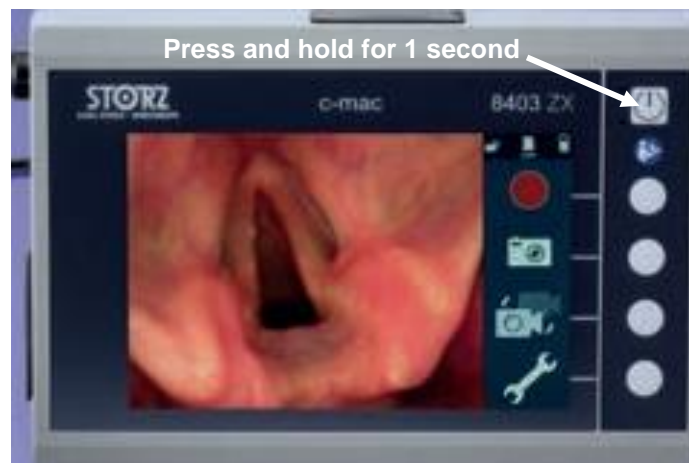
Picture 8



Picture 9



Picture 10



Picture 11

After use of the C-MAC® monitor

20. Wipe the C-MAC® blade with a neutral detergent wipe.
21. Disconnect the C-MAC® video laryngoscope from C-MAC® monitor.
22. Hold the grey section of the cable. DO NOT pull on the cable to disconnect as this will separate the black cable from the grey connector.
23. Send laryngoscope blades to CSD for chemical thermal disinfection (NB. Usually takes 24 hours to be sterilised).
24. Complete the log book in the tray of the C-MAC® monitor stand with the following details:
 - Stick infant's addressograph in the log book
 - Record:
 - the C-MAC® blade's serial number
 - Date equipment was used
 - User's name
 - Date sent to CSD
 - Sent by

Return of C-MAC® from CSD

25. Store sterilised C-MAC® blades in the storage basket that is attached to the C-MAC® monitor pole in the Neonatal Fellow's office.

26. Complete record in the log book:

- Date received from CSD
- Received by

6. DOCUMENTATION

- C-MAC® log book on C-MAC® monitor stand

7. RISK RATING

- Low

8. NATIONAL STANDARD

- Standard 1 Clinical Governance
- Standard 5 Comprehensive Care

9. ABBREVIATIONS AND DEFINITIONS OF TERMS

NCC	Newborn Care Centre	CSD	Central Sterilising Department
OTI	Open To Intubate		

10. REFERENCES

- User Instruction for use. C-MAC® video laryngoscope 8403xxx and connection cable 8403X. 966076019EN-US. V4.3

11. AUTHOR

Primary	29.11.2021	KB Lindrea (CNC)
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LOP DEVELOPMENT (DELETE PRIOR TO PUBLICATION)

Date identified	Identifier	Reason for LOP	Meeting approved	Allocation
26.10.2021	KB Lindrea	New equipment	9.12.2021	21.12.2021

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