

## WARMING ENTERAL FEEDS – CALESCA

*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

It has been theorised that milk temperature can influence infant body temperature. Research has shown that infant stomach temperature decreases when room temperature gavage feeding is given. Feeding preterm infants milk at body temperature has been associated with improved feed tolerance (decreased gastric residuals) indicating that warming feeds to body temperature, whilst maintaining the bioactivity of its delicate compounds, is beneficial to preterm infants.

#### 1. AIM

- Gentle warming of enteral feed and fast thawing of human milk

#### 2. PATIENT

- Newborns

#### 3. STAFF

- Nursing staff

#### 4. EQUIPMENT

- Calesca Warming / Thawing device
- Disposable Insert
- Breastmilk container / Syringe / Formula container



#### 5. CLINICAL PRACTICE

##### Procedure:

1. Plug the device into a wall power outlet and press the power button on the display panel.
2. Label the insert with patient information, date and time.
3. Open the lid of the device and place the expanded insert (picture 1) into the cavity of Calesca (picture 2).



Picture 1



Picture 2

4. Place the tray, flat-side down, into the bottom of the device. Always use a lid on the container or cap on the syringe.

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5. Place the milk container on the centre of the tray (picture 3) OR insert the tip of the syringe into the round grommet of the insert until the flange of the syringe is flat against the insert face (picture 4).



Picture 3



Picture 4

6. Select “Warming” or “Thawing” mode (Note: The Default mode is “Warming”).
  7. Confirm the mode by pressing “enter”.
  8. Select the options:
    - Room Temperature ~20°C
    - Fridge Temperature ~4°C
    - Freezer Temperature ~-20°C
  9. Confirm the option by pressing “enter”.
  10. Use the arrows to enter the volume of feed in the container and press “enter” to confirm.
  11. The device’s screen will flash the information that was entered into the unit and display the completion time.
  12. If the information is correct, press “start”.
  13. When the cycle is complete, the visual indicator will flash green and the audible indicator will chime.
  14. Remove warmed enteral feed and administer immediately to the infant.
  15. When thawing, remove the thawed milk and place it immediately in the fridge.
  16. Use the neutral detergent to clean the device and insert.
  17. Keep the insert in the patient environment for further use. Replace insert every 24 hours.
- 6. DOCUMENTATION**
- Nil
- 7. RELATED POLICIES/PROCEDURES/CLINICAL PRACTICE LOP**
- Enteral Nutrition in Neonates
- 8. RISK RATING**
- Low

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**9. NATIONAL STANDARD**

- Standard 1 Governance for Safety and quality in Health Service Organisation
- Standard 5 Patient Identification and Procedure Matching

**10. ABBREVIATIONS AND DEFINITIONS OF TERMS**

NCC	Newborn Care Centre		
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**11. REFERENCES**

- Quick Reference Guide, Medela AG, Lättichstrasse 4b, 6341 Baar/Switzerland, [ism@medela.ch](mailto:ism@medela.ch), [www.medela.com](http://www.medela.com)
- Calesca Warming/Thawing Device, Product Guide. Medela AG, Lättichstrasse 4b, 6341 Baar/Switzerland, [ism@medela.ch](mailto:ism@medela.ch), [www.medela.com](http://www.medela.com)

**12. AUTHOR**

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