



DEATH

FLEXMORT CUDDLE COT COOLING SYSTEM: MANAGEMENT

Keywords: passed away, bereaved, pastoral care, cuddle cot, cot cooling system, perinatal death, neonatal death, perinatal loss, stillbirth

AIM

- To enable clinicians to use the Cuddle Cot Cooling system safely.

KEY POINTS

- The Flexmort Cuddle Cot cooling system is a system used to cool a baby (who has passed away) in a cot or basket, allowing babies to remain with their families.
- To provide bereaved parents / families, the option of spending extended time with their baby, on the ward or at home.

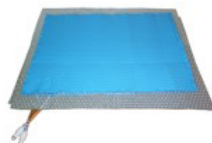


CONTENTS OF THE BOX

- Cooling unit, drain key and blue hose
- 2 x blue plastic cooling pads – small & large
- Bottle of Biocide
- 3 x Silver insulation foil – 1 small, 2 large

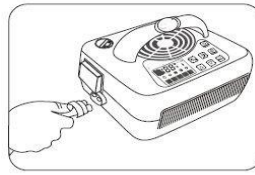
USING THE SYSTEM

1. To improve the cooling efficiency, place the silver insulation under the cooling pad. Use double thickness and face the silver side upwards.



2. Place the cooling pad and insulation in the cot / basket on top of the mattress / cushions. Ensure the 2 hoses which lead from the pad are exposed and pushed through the hole of the skirt covering the wire cot.
3. Place a small bluey and thin sheet to cover the cooling pad. Remove the cooling unit from the blue storage box, plug into the electrical socket.

4. Plug the hose containing the large plastic connector into the cooling unit. You should here a loud click



5. Plug the cooling pad connectors into the end of the hose. Again there should be a loud 'click'.

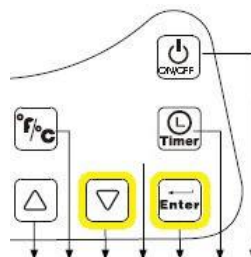


6. Open the water filler cap and place a couple of drops of biocide into the unit. Fill the cooling unit with **distilled** water until the water level is near the top of the viewing window.



Ensure you have completed the training prior to using the equipment.
Please refer to chemical safety precautions below before handling the biocide fluid.

7. Switch on the cooling unit by pressing the on/off button. The cooling pad will start to fill and the water level will drop. *Ensure there are no kinks in the hose or pad else fluid will not circulate.* Continue to fill the unit with distilled water until the tank remains over half full (the cooling pad will now be full of water). Always keep the unit topped up during operation and an alarm will sound should the water level drop too low. **Do not disconnect the hose whilst the unit is running.**
8. Select temperature display (°C or °F) by pressing the °C/°F button on the unit. The display will show the temperature of the water in the cooling unit. Set the required temperature to the lowest setting on the control unit (i.e. 8°C). To do this repeatedly press down arrow key until 8 is displayed, then press "Enter". The unit will slowly begin to cool the cooling pad.



9. When the pad starts to feel cool, place the baby on the pad. **Within approximately 45 mins the display on the unit will reach between 9-13° depending on the ambient conditions. These are normal operating temperatures & the cooling pad will feel cold.**
10. Cover the baby with blankets as this will act as insulation. For longer term use (e.g. through the night), the baby can be fully covered with blankets (including the head).
11. Always ensure at least 15cm space around the unit during cooling – to allow ventilation.



TROUBLE SHOOTING

- The unit is beeping and a blue droplet appears on the display:
The unit is low on water, see step 8 in 'Using the Cooling system'.
- The cooling pad is warm and not cooling:
 1. *Ensure there are no kinks and the unit is set at 8°C.*
 2. *There may be trapped air in the cooling pad. To remove, leave unit running and loosen the filler cap & roll the pad towards the hose inlet/outlet to remove the air.*
- The unit turns off automatically after 30/60 minutes:
The system has a timer which may have been activated. To ensure the timer is off, press the Timer button until "0" is displayed. Continuous cooling is recommended.

PACKING AWAY THE CUDDLE COT

1. Remove the baby. Switch off the unit by pressing the power button but do not unplug until the fan stops operation.
2. Disconnect the cooling pad from the hose by pressing the release clips on the hose. Clean the pad **according to cleaning instruction below**.
3. Disconnect the hose from the unit by pressing down the plastic button on the underside of the control unit and gently pulling on the hose.
4. Drain the water from the unit by inserting the key under the water level tanks.
(See instructions for method of disposal of fluid) For long term storage (once finished with each baby), also drain the hose by inserting the key into the hose.

GENERAL MAINTENANCE AND POWER CORD WARNING

- Dust Hazard - If dust builds up around the fan, remove the cover and wipe clean. Accumulation of dust on the fan can cause fire.
- Used cold pads should ideally be replaced every 12 months.
- Electrical Safety: Annual check of the equipment by KEMH Physical Resources (Facilities Management).

CLEANING INSTRUCTIONS – as advised by Infection Prevention and Control

1. After each baby the cot covers and hospital linen require hospital grade laundering.
2. The cooling pad, inserts and tubing, silver insulation foil must be wiped down with Tuffie 5's.
3. If there is noticeable ooze on the blue cooling pad, then it should be immersed in detergent and water to ensure adequate cleaning.
4. If any breaks or tears occur on any to the products they should be replaced immediately. Report it to PLS CMC - LBS on Pager #3430 or Ext 2128.

CHEMICAL SAFETY PRECAUTIONS FOR BIOCIDES

Flexmort's uses **Biocide fluid** in the cooling system to neutralise bacteria and algae which could accumulate.

However, **Biocide products are classified as dangerous – potential acute human health hazard.**

Hazard identified/Mode of entry	Precaution Wear PPE
Inhalation –vapour/mist may cause irritation to mucous membrane	Wear face mask – prevent inhalation
Skin contact – chemical can cause mild irritation	Wear gloves when handling chemical to prevent skin contact
Eye contact – splash of chemical on eyes can cause irritation, Lachrymatory effect, etc	Wear goggles when handling chemical. To prevent splash on face & eyes–.
Ingestion – harmful if accidental swallowed, may cause nausea	Keep food substances away from the chemical to prevent accidental ingestion

PPE: Personal Protective Equipment

NB: Exposure of chemical or waste liquid: Should you have any exposure effect or spillage on your body, skin, etc. please report the incident & complete an incident form.

NB: Spillage on the floor use the spill kit. Get it from the nearest location of the spillage kit.

See full Safety Data sheet for full product precautions and first aid measures – copy kept with Cuddle Cot.

DISPOSAL OF FLUID

FOLLOW SAFETY DATA SHEET FOR PRODUCT HANDLING PRECAUTIONS.

- Wearing gloves, mask and goggles:** Drain the water from the unit by inserting the drain key under the water level tank. Also drain the hose by inserting the key into the hose.
- Drain waste fluid into the supplied white chemical waste container labelled – **WASTE PURACHEM FRB-21.**
- Keep the container on the ward, in the 'dirty room' for your usage. When it is full, request PCA to deliver to waste disposal area at KEMH. Perth Waste Management will change it over from the waste area.**

NB: Exposure: Should any waste liquid or the chemical accidentally split on your skin, please report it & complete & incident form.

For more information: contact CMC Perinatal Loss – page # 3430 or Ext: 2128

REFERENCES / STANDARD

Flexmort Cuddle Cot Cooling System product Instruction Booklet. www.flexmort.com
 Flexmort SDS (Safety Data Sheet): PuraChemFRB-21 Fast Release Biocide
 Perth Waste Management - www.perthwaste.com.au

National Standards – 12 Provision of care

Legislation - Nil

Related Guidelines / Policies – **KEMH Clinical Guidelines: O&G: [Death](#)**

Other related documents – Nil

RESPONSIBILITY

Guideline Sponsor	Nursing and Midwifery Director
Initial Endorsement	November 2014
Last Reviewed	
Last Amended	January 2015
Review date	November 2017