

Cleaning and Decontamination Guideline for CenTre Neonatal Transport Equipment Procedure



Trust ref: C65/2024

1. Introduction and Who the Procedure Applies to

The CenTre transport incubator and all associated equipment required during the transfer of any infant by the CenTre Neonatal transport Service must be appropriately cleaned and disinfected after each use by the transport team.

The following procedure should be followed when cleaning the system between patient transfers and deep cleaning.

2. Standards and Procedures

Routine Cleaning After Each Patient Transfer:

- Strip all used linen at the receiving unit and put any used sheets and towels placed into the hospital dirty linen bin.
- Place all used harnesses in a disposable plastic bag and taken back to base for washing.
- The incubator cover does not require changing after each transfer. However it must be changed if the incubator cover has been contaminated / soiled.
- Wash all Traveller RS Harnesses and incubator covers in the washing machine in the dirty utility at base. Please follow separate guidance on how to use the washing machine and tumble dryer.
- Ensure that Traveller RS red metal bar is removed before washing and also that the restraint is washed in the mesh bag provided.
- Place all heavily soiled or infected towels and sheets into a pink alginate bag then into a white plastic bag and leave at receiving unit.
- Place all infected harnesses and incubator covers in a disposable plastic bag, separate from other patient's laundry and return to base for washing.
- If plastic porthole sleeves have been used they should be washed with Chlor-clean or clinell® wipes and left to air dry.
- All single patient use items should be left with the baby and single use items should be disposed of in to clinical waste.

- The incubator and all other equipment should be cleaned routinely with Clinell® wipes. Unless the last baby was barrier nursed or the trolley was heavily soiled, then the trolley will require a deep clean.
- If a humidity sponge has been used this should be disposed of and the area where the water / damp sponge has been cleaned and dried as above.
- If suction has been used the collection liner and tubing must be disposed of appropriately and a new liner and tubing inserted.
- Any single patient use items must be replaced and the pre use checklist checks should be carried out prior to the next transfer.
- Clean sheets and towels should be collected from the referring/ receiving unit where possible. A small stock of sheets will be kept at base.

Deep Cleaning

When to Deep Clean:

A full deep clean of the transport equipment must be undertaken for the following reasons-

- Routinely on a weekly basis for all trolleys
- After transfer of a barrier nursed baby
- If the transport incubator/ trolley is visibly soiled

To make Chlor Clean:

1 tablet dissolved in 1 litre of cold water = a solution 1,000parts per million

Deep Clean Procedure:

- Before cleaning the incubator must be switched off to allow the fan to stop and the heating fins to cool down sufficiently to allow cleaning.
- Remove all bags/ loose items from transport system and clean each item individually.
- Remove and wash the incubator cover.
- Remove the incubator hood by unclipping the four clips on the front and rear of the hood. **Two people** should carefully remove the hood together so as not to dislodge as the inner Perspex wall.
- The inner wall can now be removed.
- The sliding mattress base can then be removed via the head end of the incubator. In order to remove this tray completely there is a stainless steel plate that must be depressed in order to release the tray. Once this is fully depressed the tray slides out of the incubator easily.
- The incubator base can now be removed using the four clips on sides.

- Once the base is off, remove the fan and carefully clean around the heater fins with a Chlor-clean solution as above.
- Clean all component parts of the incubator and trolley, including all pieces of equipment on the trolley with a Chlor-clean solution as above.
- Chlor-clean needs to be applied using a disposable cloth and friction. Allow at least 3 minutes of contact time (or allow to air dry) before drying.
- Items may be wiped with detergent and water to remove Chlor-clean residue.
- Once dry, reassemble the incubator carefully. **Two people** should carefully replace the Perspex hoods together.
- Replace all bags and loose items, put on a clean incubator cover.
- Ensure the incubator is switched back on and is working appropriately.
- Fill in the deep clean log with the date and time you did the clean, the reason for the clean i.e. was it a routine deep clean or after the transfer of a barrier nursed baby.

3. Education and Training

None.

4. Monitoring Compliance

What will be measured to monitor compliance	How will compliance be monitored	Monitoring Lead	Frequency	Reporting arrangements
Weekly deep clean compliance	Review of deep clean log			

5. Supporting References

- [Cleaning Healthcare Environment UHL Policy.pdf](#) Trust ref:B36/2010
- [Infection Prevention UHL Policy.pdf](#) Trust ref:B4/2005
- [Cleaning and Decontamination for Infection Prevention UHL Policy.pdf](#) Trust ref:B5/2006

6. Key Words

Cleaning, Decontamination, CenTre, Transport, Equipment

The Trust recognises the diversity of the local community it serves. Our aim therefore is to provide a safe environment free from discrimination and treat all individuals fairly with dignity and appropriately according to their needs.

As part of its development, this policy and its impact on equality have been reviewed and no detriment was identified.

CONTACT AND REVIEW DETAILS			
Guideline Lead (Name and Title) Arthi Lakshmanan – Consultant Neonatal Transport Sophie Stephenson – Neonatal Transport Educator		Executive Lead Chief Nurse	
Details of Changes made during review:			
Date	Issue Number	Reviewed By	Description Of Changes (If Any)
October 2024	1	CenTre Clinical practice group	New document

Appendix A




CenTre Neonatal Transport Service Transport Incubator Deep Clean Log

The transport systems should be deep cleaned on a weekly basis and after every transfer of an infected or suspected infected baby. Please complete every box.

[illegible]

Appendix B –

Deep cleaning tips at Castle Donington base

	<u>ACTION</u>	<u>RATIONALE</u>	
1	First, clean the surface area and lay clean sheets/towels on it.	Ensure a clean and soft surface for delicate items	
2	Start by cleaning removable items from the right hand side of the system, placing the clean items on the surface with sheets. The box for clean washing may also be useful for some items (e.g. spare clean harnesses); please clean it before using it.	Cleaning the system one half at a time ensures sufficient space.	
3	Next, clean the right side of the system.		
4	Place all the items back on the system.		
5	Remove incubator hoods and trays and clean them on the surface.		
6	Clean the left hand side of the system.		
7	Place incubator items back together and tidy the cleaning area. Remember to change the incubator cover and plug the system in once finished.	Leave it as you would wish to find it.	
8	Document deep clean on the paper form in the folder and chat on the app.	Paper forms provide permanent evidence of accountability and our standards/safety for governance purposes. The app chat is useful as a reminder for colleagues when each system is due a deep clean, as it can be accessed from anywhere.	