

HCID: Epishuttle decontamination protocol

Equipment for decontamination

The decontamination procedure will require the following equipment:

Cleaning

1. Packet of peracetic acid wipes (e.g. Clinell red packet)
OR peracetic spray (Pera-safe 1.62%)
2. Dry cloths if using Pera Safe solution.
3. Disposable bowl for Pera Safe solution.
4. Access to water to soak the wipes prior to use (tap or bowl/bucket).
5. Category A waste equipment.
6. 35% Hydrogen Peroxide Vapour fumigation device for Amber Zone where fumigation will be undertaken.

PPE

- Staff should wear HCID Buddy PPE for Epishuttle decontamination.
- Staff in Red Zone/ patient room if confirmed case will wear HCID Treatment or Assessment PPE.

Procedure

The patient will be brought into the patient room within the Epishuttle.
Prior to opening the hard top of the Epishuttle staff must be in appropriate PPE.

Transfer from Epishuttle

1. Ideally the patient will be on a Megamover transfer sheet to assist movement from the Epishuttle onto the bed.
2. The patient should wear an FFP3 mask if tolerated to reduce droplet spread.
3. Four staff should take hold of transfer sheet handles to lift patient from the Epishuttle over to the patient bed.
4. The Epishuttle hard top must be reapplied and moved into the Amber Zone for decontamination and the door to the Red Zone closed.
5. Staff in HCID Buddy PPE should receive the Epishuttle and commence the first stage of decontamination.

Decontamination process

1. The HART staff should undertake the decontamination of the Epishuttle.
2. Open the Epishuttle hard top, remove and discard the three mattress cushions, and clean up any visible body fluid spillages with disinfectant wipes/solution.
3. Remove the ambulance trolley plastic cover.
4. Reapply the Epishuttle hard top and surface clean the outside, along with the trolley with disinfectant wipes/solution. Move the Epishuttle into the Green Zone. Staff in gloves and an apron can then move the Epishuttle with trolley from the Green Zone to another decontamination zone for full decontamination.
5. Doff PPE as per protocol.

Decontamination room

6. HART staff in HCID Buddy PPE will then complete the Epishuttle decontamination.
7. Remove Epishuttle from ambulance trolley, place on the floor and remove trolley from room.
8. Remove hard top of Epishuttle and prop up against the wall.
9. Remove the three reusable bed plates and prop up.
10. Remove all disposable equipment; safety belts, filters and any ripped gauntlets. .
11. Clean all parts of the Epishuttle with peracetic acid disinfectant wipes/solution, including the used gauntlets.
12. Make sure the gauntlets are hanging loose after cleaning to maximise hydrogen peroxide penetration during the fumigation stage.
13. Dispose of wipes/cloths into category A waste containers.
14. Mop floor with 1,000ppm chlorine solution using a disposable mop head. Keep mop bucket in green zone and dip mop head only once. Clean mop shank with disinfectant wipe once complete.
15. Solidify any remaining fluid and dispose into waste containers.
16. Dispose of category A waste as per protocol.
17. Prepare clean waste bin to doff into.
18. Doff PPE as per protocol. Last doffing waste bin can be left in the room for fumigation.
19. Prepare the room for fumigation - ensure ventilation supply and extract grilles are covered to prevent loss of concentration of the vapour and chemical contamination of other areas.
20. Prepare chemical indicators (available from fumigation company) placed in various locations to give colour change read out to verify fumigation status.
21. Seal the room on exiting, as per company instructions.
22. Complete a 35%hydrogen peroxide (H₂O₂) fumigate cycle of the room.
23. Staff only need to wear gloves and an apron when re-entering the fumigated room, but should follow local protocols for detection of H₂O₂ vapour residues, e.g., using 'sniffer' device, to ensure no exposure to harmful vapours.
24. Wipe the Epishuttle with water or a detergent solution to ensure no H₂O₂ residue remains.
25. Re-assemble Epishuttle and replace disposable parts, for re-use.