

St George Hospital Renal Department – INTERNAL ONLY

Haemodialysis Zone Maintenance Guidelines

The **haemodialysis zone** includes:

- The patient
- The chair/bed
- Haemodialysis machine
- Bed side table
- Surrounding curtain and fixtures
- Any equipment, stock and patient personal belongings

Haemodialysis zoning is required to minimise the risk of cross infection. For this reason it is important to ensure that the zone has been cleaned prior to the next shift set up.

General Guidelines

All dialysis zones must be cleared of patients in between shifts to allow for thorough cleaning and disinfection.

Dialysis equipment and folders are only to be placed in the zones when the entire zone has been deemed clean and the zone cleaned has been ticked on the patient haemodialysis flow chart. Additionally, a machine must not be lined for the next patient while the prior patient remains in the zone or before the bed has been cleaned.

Supplies/equipment taken into the zone must be cleaned or discarded therefore minimal stock/equipment should be taken into the zone.

The zone number is found on the wall behind the machine and chair/bed and this must be documented on the haemodialysis record sheet. Prior to commencing dialysis it must be documented that the machine has been heat disinfected and at the end of a shift it must be documented on the patient's haemodialysis flow chart that the machine has been cleaned.

Alcohol hand wash must be available in all zones.

Clinical procedures must be completed in one zone before moving to the next. The practice of lining and priming of multiple machines is not condoned whilst patients occupy the zone. Please observe 5 moments of hand hygiene between patients

Gloves must be discarded and hands washed before moving to the next zone.

For infectious patients gloves and gowns must be changed and hands washed before you move on to the next patient.

Cleaning

Machine internal

Ensure the following has been completed prior to commencement of dialysis:

- Following am shift - Clean cart C
- Following am shift on Wednesday - Clean cart C and A
- Following pm shift - Rinse/drain

Machine external

All external machine surfaces must be cleaned with detergent this includes ports, cartridge latches, front and back of the tray on the bottom, the IV pole. All visible blood must be cleaned with a detergent followed by a disinfectant.

Furniture

Cleaners are responsible for beds and the dialysis nurses are to clean the chair and other furniture with a detergent.

The dialysis chair must be cleaned with detergent followed by disinfectant if blood is visible. Ensure that the sides of the seat have been cleaned and if there has been a "bleeding episode" the internal upholstery must also be cleaned with a detergent and disinfectant.

MRO/VRE cleaning – see *Management of patient with known MRO/VRE in haemodialysis unit*

Blood borne viruses – see *CLBR Hepatitis B, C and HIV detection and management in patients requiring dialysis*

Change the curtains 6 monthly or when visibly soiled

Equipment

Trolleys must be wiped down before and after use and a thorough cleaning inside and out every month.

Wipe down the folders before returning to the office/nurses station.

Patients must be provided with individual tourniquets and if MRO/VRE disposable BP cuffs. Patients will bring for each dialysis session or are stored on the unit for those who cannot.