

<u>4Ds – Decontamination Process</u>

A structure to determine the level of cleaning/disinfection required in clinical areas according to the infectious organism identified/considered. This will work alongisde the 'Prioritisation for Single Room' guide.

Decant all patients, remove radiator covers and clean all vents. Then complete **3D** process. For significant infections, e.g. *Clostridium difficile* or Carbapenemase producing organisms,

4D process preferably involves decanting of patients to facilitate Ultraviolet-C (UV-C) decontamination. Hydrogen Peroxide Vapour (HPV) decontamination utilised only if considered by, and on the approval of, the Health Board Outbreak/Incident Control Group.

Replace curtains & stock.

Decant

complete 1D, 2D & 3D

Disinfect - 3D

complete 1D & 2D

Deep Clean - 2D

complete 1D

Remove curtains from all bed spaces. **Disinfect** all hard surfaces with a combined detergent/disinfectant product such as Green Clinell Universal wipe or a combined detergent & chlorine-releasing agent @ 1000 ppm, allow a minimum 3 minutes wet contact time; then rinse and dry. Replace curtains.

On discharge **Deep clean** involves thorough cleaning & drying of all surfaces; especially bed frames & reusable equipment; including all frequent touch points.

Between each patient and at weekly intervals (minimum) - Audit mattresses, pillows, pressure relieving cushions and dismantle beds to allow for thorough cleaning.

Return air- flow mattress in sealed bag to supplier.

Declutter - 1D

Declutter clinical areas weekly & on discharge of patient. Dispose of single patient use equipment. Discard any damaged or unused stock items. Escalate and report any damaged surfaces that require repair.