

The Sutherland Hospital Emergency Department

Daily Ultrasound Machine Cleaning Guidelines

This document relates to the cleaning of the XPorte and the GE ultrasound machines which should be performed after every use. A daily morning check and clean is to be performed by the **SSU Junior Medical Officer or Consultant by 9am every day and the audit paperwork completed.**

Procedure:

1. Wear gloves
2. Remove unnecessary equipment from machine (this includes equipment in the container at the back of the machine)
3. Inspect probes for residual gel, hair, bodily fluids and inspect cables for damage

If bodily fluids are present on the probe:

High Level Disinfection of the probe should be performed

Otherwise, proceed with **Low Level Disinfection** with Clinell wipes

See the **'TSH Disinfection of Transducers Guideline'**

4. Ensure all probes and machine surfaces (including the touch screen, monitor, handle etc) are cleaned using the relevant wipes. Direction of cleaning is from the cable origin towards the probe. Please pay particular attention to the divets/concave areas on the surface of the probe where used gel can collect.

Accepted Wipes:

Dry Rediwipes for gel removal, followed by
Clinell wipes to clean probes and cables

5. Place the probes back in the following positions (This decreases cord entanglement and secondary damage)
 - Place the **Linear** probe in the **left hand holder** (as you face the machine from the front).
 - Place the **Curvilinear (abdominal)** probe next to it.
 - Place the **Cardiac** probe in the **right hand holder**.

6. Ensure the back container of the US machine is stocked with the following:

- 2 x adequately filled gel bottles
- Handful of Rediwipes
- 1x container of Clinell wipes
- 5x freezer bags and elastic bands
- 5x sterile KY jelly packs
- 5x 20G non-safety IV cannulae for peripheral access

You will find all equipment required on the shelves in the **Ultrasound Corner of Resus 1**.

7. **Leave machine in the Ultrasound Corner**, switched off but plugged into the mains to allow charging.

8. Complete and sign the **Daily Machine Cleaning form** attached to both ED ultrasound machines.

NB: **If the machine is found to be in an unacceptable condition** please email any relevant smartphone photos to Kirsty.short@health.nsw.gov.au