APPENDIX 7: NHSScotland Semi-critical Ultrasound Probe (semi-invasive and non-invasive) Decontamination Algorithm

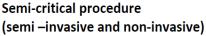


Yes

Non-invasive procedure

- i.e. Intact skin (No blood or body fluid exposure anticipated)
- Abdo U/S
- Pelvic U/S

If required ensure recommended sheath is correct size for probe required



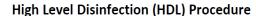
- i.e. Mucous membranes
- TOE/TV/TR probes
- i.e. Non intact skin
- Venepuncture/Cannulation
- Wound/cavity assessment

If required ensure recommended sheath is correct size for probe



Blood or body fluids noted during procedure?

No







Follow cleaning guidance in the NIPCM



- Following U/S scan remove & dispose sheath in clinical waste stream.
- Inspect probe and cable
- Remove U/S gel residue by wiping with a non-linting cloth
- Dispose of probe accessories in clinical waste stream
- Disconnect probe (if possible) and take to area approved for probe decontamination
- Inspect probe & cable for damage

Following one of the HLD methods set out in NHSScotland Guidance for decontamination of Semi-critical (semiinvasive and non-invasive) Ultrasound Probes

- Ultra-violet light
- Hydrogen Peroxide
- Manual wipe (chlorine dioxide)

TOE probes where **pre arranged** can be transferred
to an endoscopy
decontamination unit (EDU)
for decontamination

*Pre arranged requires the Decontamination Lead and the IPCT to approve local procedures.



Cleaning procedure

- Clean probe & cable with a compatible detergent wipe
- Rinse and dry probe and cable
- Inspect probe & cable for damage
- Clean probe holder with a compatible detergent wipe
- Rinse and dry probe holder



- Replace cleaned probe in probe holder
- Dispose of waste in clinical waste stream

The procedures set out in this algorithm should be undertaken following;

- Standard Infection Control Precautions (SICP) within the National Infection Prevention and Control Manual (NIPCM) http://www.nipcm.hps.scot.nhs.uk/
- The NHSScotland Guidance for decontamination of Semi-critical (semiinvasive and non-invasive) Ultrasound Probes
- SOPS: Decontamination procedure for HLD of semi-critical Ultrasound Probes (semi-invasive and non-invasive) using;
 - Ultra-violet light [add link]
 - Hydrogen Peroxide [add link]
 - Manual wipe (chlorine dioxide) [add link]