NWH ED ULTRASOUND CLEANING & DISINFECTION

GENERAL ULTRASOUND GUIDELINES

Sterile single-use ultrasound gel packets should be used for both diagnostic imaging and procedural guidance.

ULTRASOUND GUIDED PERCUTANEOUS PROCEDURES

All probes should be sheathed for percutaneous procedures. Non-sterile sheaths are available for non-sterile procedures (IV access, abscess drainage). Sterile sheaths are available for sterile procedures (Central Access). Both can be found in clean core next to long angiocaths.

- If **no gross blood on probe**, moderate level disinfection is appropriate.
- If **blood is noted on probe**, high level disinfection is appropriate.

MODERATE LEVEL DISINFECTION

1. Provider performs gross decontamination of gel, soil, bioburden..
2. Provider disinfects all probe surfaces and contact points on the machine with **Sani-Cloth AF3 (gray)** wipe.
3. Allow appropriate "wet time" of LLD before reuse.
4. Mark clean by placing a clean cover on the probe.
5. Return machine to the ultrasound storage area.

HIGH LEVEL DISINFECTION (Trophon)

Trophon disinfection is reserved for endocavitary, and probes used for percutaneous procedures without a sheath or with gross blood on probe.

1. Remove gross debris at the bedside.
2. Provider packages probe with a biohazard bag.
3. Provider labels biohazard bag with patient identifier.
4. Provider notifies the charge nurse.
5. Tech performs and documents Trophon disinfection
6. Clean endocavitary probe is stored in the ED ultrasound cabinet.
7. Other probes are marked clean by placing a clear cover on the probe.
8. Return machine to ultrasound storage area.

High Level disinfection (TEE / Endoscopy)

1. Perform initial decontamination / remove debris at the bedside.
2. Package probe in TEE transport tray.
3. Label TEE transport tray with Patient identifier.
4. Notify the charge nurse.
5. Tech transports to Endoscopy
6. Endoscopy processes and returns to ED in a clean TEE transport tray.
7. Return the clean TEE probe to the ED ultrasound cabinet in the storage room.