Protection and disinfection of a cart-based ultrasound system during COVID-19 pandemic

1. Put gloves on outside patient room
2. Remove ALL extraneous materials from system (unused probes/cords)*
3. Clean system with wipes
4. Place tissues (4) and wipes (3) on system before covering
5. Apply gel to probe face(s)
6. Apply protective cover(s) to probe(s). Secure with elastic bands
7. Apply protective cover to system
8. Don PPE with TWO pairs of gloves
9. Bring covered system and gel packs into patient room. Tissues and wipes should be under system cover.

inside patient room

1. Scan patient
2. When finished scanning, discard gel packs
3. Sanitize gloved hands with alcohol
4. 2m (6ft) away from patient, remove/discard probe cover. Drape probe on cart hook or use holster to secure probe(s). Remove system cover by folding/rolling upwards. DO NOT touch uncovered system or probe with gloved hands
5. Remove outer pair of gloves (if one pair of gloves, sanitize with alcohol)
6. Remove gel with tissues. Clean ENTIRE system and probes with wipes. Discard tissues and wipes
7. Sanitize gloved hands with alcohol
8. Open door and push system outside, ideally with foot
9. Discard gloves

outside patient room

1. Discard gloves
2. Perform hand hygiene
3. Discard gown, keep mask and eye shield on
4. Perform hand hygiene
5. Put new gloves on
6. Disinfect ENTIRE system and probe(s) with wipes. Discard wipes, air dry
7. Discard gloves
8. Perform hand hygiene
9. Doff remaining PPE

* unused probes/cords should be safely and securely stored after removal

This protocol is a guideline only. It should be modified as needed based on available resources and local infection control policies.