










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

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










outside patient room

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

inside patient room

-  Scan patient
-  When finished scanning, discard gel packs
-  Sanitize gloved hands with alcohol
-  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
-  Remove outer pair of gloves (if one pair of gloves, sanitize with alcohol)
-  Remove gel with tissues. Clean ENTIRE system and probes with wipes. Discard tissues and wipes
-  Sanitize gloved hands with alcohol
-  Open door and push system outside, ideally with foot

outside patient room

-  Discard gloves
-  Perform hand hygiene
-  Discard gown, keep mask and eye shield on
-  Perform hand hygiene
-  Put new gloves on
-  Disinfect ENTIRE system and probe(s) with wipes. Discard wipes, air dry
-  Discard gloves
-  Perform hand hygiene
-  Doff remaining PPE

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