

Mount Sinai Hospital

Policy: All Bio-logic® ear probes used for the AuDX® hearing system are to be thoroughly cleaned and disinfected between each patient use. Probes will be stored in a manner to protect “clean” probes from being contaminated prior to use.

Note:

- All cleaning and disinfection activities must be conducted away from patients or the bedside.
- All cleaning solutions must be kept in a **covered container**.
- Cleaning solutions must be **changed daily** (no topping up).
- Wash hands prior to assembling probe body // microphone and installing flexible ear piece cover.

Procedure:

1. Remove and discard the flexible earpiece from the probe.
2. Disconnect flexible connecting tubes and the microphone piece from the probe body.
3. Immerse probe body into a warm detergent solution.
4. **Brush down the exterior probe body. Thread the cleaning wire through the channels in the probe body.** Using a back and forth motion, thoroughly scrub each channel.
5. Visually inspect channels for occlusions in the smooth channel. If occlusions are seen, repeat steps 3 and 4.
6. Rinse probe body in water (tap).
7. Immerse probe body in 70% Isopropyl alcohol for a minimum of **10 minutes**. On immersion, thread a clean wire through the channels to **remove air bubbles**.
8. Remove and allow to air dry on a clean surface/container.
9. Thoroughly wipe down microphone piece and the entire length of microphone wire using a 2% Chlorhexidine in 70% Alcohol wipe.
10. Wipe down body of AuDX® device and flexible connecting tubes with a 2% Chlorhexidine in 70% Alcohol wipe.