Cleaning and Disinfection of Elastomeric Half Mask Facepiece Reusable Air Purifying Respirators (EHMR)

EHMR with P100 filters should be stored in a clean plastic bag. The procedure for donning and doffing the EHMR parallels that for donning the N95. During use they should be decontaminated with grey-top Sani-Wipes each time they are doffed and at the end of every shift, even if it schedules for immersive cleaning.

They should be immersion cleaned and disinfected as follows:
- After 5 days of use
- After every case with confirmed or suspected COVID-19
- At the end of a shift that included aerodigestive cases

**PREPARATION**

1. Place two 2-gallon buckets in the sink.
2. Fill each with 1 gallon of warm water (< 48°C/120°F).
3. Add 15 ml (½ ounce) dishwashing liquid to one bucket.
4. Add 4 mL bleach to the other bucket.
5. Place Chux and a clean plastic storage bag on clean surface.
6. Place your mask or bin of EHMR near the sink on a designated contaminated surface.

**CLEANING & DISINFECTION (15-20 MINS)**

1. Perform hand hygiene.
2. Don liquid-resistant gown, jacket, or surgical sleeves; face mask; face shield; and gloves.
3. Be careful to avoid splashing throughout the process.
4. Check to ensure purple filter cartridges have been removed. If not, remove them and wipe with grey-top Sani-Wipe, taking care not to get the filter wet. Set aside on clean Chux to dry.
5. Place splashguards and mask (including straps) in the first bucket (dish soap).
6. Gently and thoroughly clean inside and outside of mask and splashguards with soft bristle brush.
   b) Take care not to fold or damage internal valves.
7. Rinse all components thoroughly in running water.
8. Submerge in second bucket (bleach) for 2 minutes.
   b) The mask should be face down to prevent air pockets.
   c) Use the tongs to keep all components submerged.
9. While the EHMR soaks, clean dirty surfaces (faucet handles, surface EHMR was on) with grey-top Sani-Wipe.
11. Rinse all components thoroughly in running water.
12. Place on Chux on a clean surface to dry or dry with a lint-free cloth.
13. When dry, reassemble and store in clean plastic storage bag.
14. Empty buckets and clean buckets and sink area with grey-top Sani-Wipes.
15. Remove PPE and perform hand hygiene.