

Implant Cleaning & Disinfection Procedure

Step 1: Enzymatic Cleaning

Make a 1% Tergazyme enzymatic detergent solution; soak implants in solution.

- 1) **Protective Equipment:** Gloves & Eye Protection
- 2) **Mix:** Add 10 grams of Tergazyme powder to 1 Liter of 120°F H₂O (Max 130°F)
 - a. Always make fresh detergent solution.
- 3) **Soak:** 30 Minutes @ 120-130°F (Max 130°F).

Step 2: First Rinse

Rinse in Warm Water to remove residual Tergazyme solution.

- 1) **Protective Equipment:** Gloves & Eye Protection
 - a. Use fresh warm water for each rinse.
- 2) **Rinse 1:** Submerge & lightly agitate in fresh warm water #1 for 1 minute.
- 3) **Rinse 2:** Submerge & lightly agitate in fresh warm water #2 for 1 minute.
- 4) **Rinse 3:** Submerge & lightly agitate in fresh warm water #3 for 1 minute.

Step 3: Sterilization

Make a Sterilization solution with Metrex MetriCide 14; soak implants in solution.

- 1) **Protective Equipment:** Gloves, Full Coverage Personal Protective Gown, Face shield
- 2) **Mix:** Add all 5.2 grams of Metrex Activator 14 to the Quart Bottle of Metrex MetriCide 14 (10-1405).
 - a. **Shake solution well to ensure proper mixing.**
- 3) **Record** mixing & expiration date (mixing date + 14 days) on bottle with a sharpie.
 - a. **Always check sterilizing solution expiration date.**
- 4) **Soak:** 10 hours @ 77°F or hotter.

Step 4: Final Rinse Cycle

Rinse in Sterile Saline to remove residual Glutaraldehyde solution.

- 1) **Protective Equipment:** Gloves, Full Coverage Personal Protective Gown, Face shield
 - a. **Use fresh sterile saline or sterile distilled water for each implant rinse.**
- 2) **Post-Disinfection Rinse 1:** Submerge in fresh saline #1 for 1 minute.
- 3) **Post-Disinfection Rinse 2:** Submerge in fresh saline #2 for 1 minute.
- 4) **Post-Disinfection Rinse 3:** Submerge in fresh saline #3 for 1 minute.

Use immediately or store in sterile packaging