

INSTRUMENT CARE

STERILIZATION AND REPROCESSING FOR REUSABLE TEFLON INSTRUMENTS

Institutional device reprocessing should occur in facilities that are adequately designed, equipped, monitored, and staffed by trained personnel.

Sterilize per your institution's validated procedures and cycle parameters. The following parameters for cleaning and the four most commonly utilized methods of sterilization are recommended as guidelines for validation.

NOTE: REPROCESSING THESE DEVICES DICTATES THAT IT UNDERGOES A THOROUGH CLEANING PRIOR TO STERILIZATION.

CLEANING – CAUTION: AVOID USE OF ABRASIVE CLEANERS OR SOLVENTS

1. Rinse the device thoroughly with sterile, purified water to remove any accumulated debris.
2. Hand wash the surface of the device with a using a soft bristled cleaning brush and enzyme cleaner (e.g. Terg-a-zyme solution (Alconox, Inc.), to remove visible residual debris.
3. After hand-washing, the surface is to be thoroughly flushed with sterile, purified water until no visible detergent residual remains.
4. Thoroughly dry the device using a sterile wipe.

STERILIZATION – CAUTION: DO NOT GAMMA STERILIZE.

1. STEAM/GRAVITY DISPLACEMENT: Double wrap device in muslin, i.e. CSR blue hospital wrap and place (single layer) in a production type steam sterilization vessel. Process at 132° C for a 30-minute cycle.
2. STEAM/PRE-VACUUM: Double wrap device in muslin i.e. CSR blue hospital wrap and place (single layer) in a production type steam sterilization vessel. Process at 132° C for a 4 minute cycle.

CAUTION: THIS FORM OF STERILIZATION MAY REDUCE THE LIFETIME OF YOUR DEVICE.

3. ETHYLENE OXIDE (EO): Double wrap device in muslin i.e. CSR blue hospital wrap and place (single layer) in a production type EO sterilizer. Process at a nominal 600mg/L EO concentration using Oxyfume 2000 (10:90) gas for a full two hour cycle. Immediately following the exposure cycle, aerate for 18 hours at 122° F.
4. CHEMICAL (CIDEX) STERILIZATION: Totally immerse the device in Cidex activated glutaraldehyde solution (Johnson & Johnson Medical, Inc.). Expose the device to the Cidex for ten hours at 25° C. Following chemical exposure rinse and flush the device with copious amounts of sterile water for a minimum of one minute, three separate times.