

Cleaning and Sterilization Process

WARNING

Failure to PROPERLY clean catheters will cause sensor malfunction.

Supplies needed: enzymatic detergent, chemical disinfectant, sterile saline and distilled water.

1. Terg-A-Zyme® (by Alconox, Inc.) and scent free Endozime® (by Ruhof) are the two enzyme-active detergents approved for cleaning of Scisense Catheters. The purpose of enzymatic detergent is to remove blood, serum proteins and tissue debris from the catheter.
 - Allow the catheter to soak for a minimum of 30 minutes and a maximum of 72 hours at room temperature.
2. Cidex® Activated Dialdehyde Solution (Chemical sterilant). When chemical sterilants are used properly, they will destroy all viable forms of microbial life. Cidex is a Glutaraldehyde based chemical sterilant made by Johnson & Johnson Company.
 - Allow the catheter/probe to soak 1 – 2 hours at 25°C / 77°F. Cidex has a shelf life of 14 days once mixed. After this time, the solution can no longer be used as a disinfectant.
3. Distilled Water
 - This can be used as a rinse for the sterilized catheters/probes in order to remove all traces of the detergent and sterilant.
4. Sterile Saline
 - This can be used to hydrate catheters in between surgeries.



DO NOT USE:

- Glutaraldehyde solutions containing surfactants (e.g. Cidex 7 or Cidex Plus)
- Solutions containing hydrogen peroxide (e.g. Sporox)
- Cidex PA solution

Cleaning and Disinfecting Procedure

1. After removal of catheter/probe from subject, immediately soak catheter/probe in saline to help loosen and prevent clot formations and protein build-up on catheter/probe. Keep hydrating the catheter/probe until you are ready to continue with cleaning or ready for another surgery.
2. Always be certain the tip of catheter/probe is free from any film or biological debris. To remove anything attached to the tip, thoroughly soak in Terg-A-Zyme. This soak must be followed by a rinsing with distilled water and a gentle wipe with a Kim-wipe to dry.



DO NOT:

- use anything else for drying catheter
- pull the catheter tip through a folded Kim-wipe
- allow the catheter to air dry on the tray, table or countertop

3. The catheter/probe must be cleaned and dried prior to disinfection.
4. Prepare the disinfectant according to manufacturer's instructions. Note that some of the disinfectants have a limited usable life after activation or opening of the container. Failure to heed such warnings can inhibit the effectiveness of the disinfection process.
5. Final rinse to catheter/probe should be with saline.

After cleaning and disinfecting procedure is complete, return catheter/probe to its original packaging for storage. Store catheter/probe in a cool, dry place until next use.

RMA WARNING

****If for any reason there is a need to return a catheter to Scisense for assessment, please ensure the cleaning processes above are followed. Catheters that arrive at Scisense with blood or tissue constitute a bio hazard to our staff and will not be assessed. The catheter will be returned to you at your expense.***