

# Cleaning and Disinfecting Guide for Scisense Catheters

**ALWAYS CLEAN CATHETERS IMMEDIATELY AFTER USE.  
FAILURE TO PROPERLY AND PROMPTLY CLEAN CATHETERS MAY CAUSE SENSOR FAILURE.  
DO NOT USE ULTRASONIC CLEANERS FOR THE CATHETERS.**

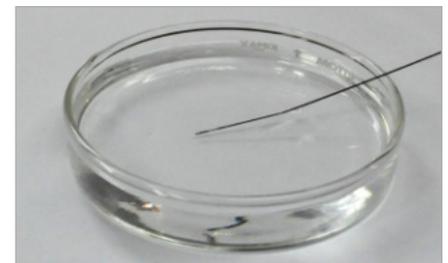
Follow all directions for the cleaning and disinfecting agents for proper use.

1. Immediately after use, immerse the Catheter in distilled water or saline for approximately 5 minutes.
2. Soak the Catheter in a PH neutral enzymatic cleaning solution to remove all traces of biological material (i.e. Endozime® by Ruhof). This should take between 0.5 and 2 hours depending on cleaning agent and level of soil on the Catheter.
3. Optional: Immerse Catheter in disinfecting agent (i.e. Cidex® by ASP) to remove all traces of viable microbes. Do not use glutaraldehyde solutions containing surfactants such as Cidex® 7 or Cidex® Plus, or solutions containing hydrogen peroxide like Sporox. Do not use Cidex® PA.
4. Rinse the Catheter by soaking in distilled water for 1 - 5 minutes to remove all traces of cleaning agents.
5. Dry the Catheter by placing on a paper towel or gauze. Do not air dry or use alternative drying methods. Never apply direct pressure to the pressure sensor membrane such as through wiping.
6. Before returning the Pressure Catheter to its original packaging for storage, use magnifications to check for blood or tissue residue on the Catheter tip. If any is found, repeat the cleaning process.
7. Optional: Immerse Catheter in an acid based cleaner to remove metal oxides from the ring electrodes on Pressure-Volume Catheters for 1 - 2 minutes (i.e. Citranox® by Alconox Inc).
8. Store the dry Catheter in it's original packaging. Position the pressure sensor within the foam cutout to prevent damage.

Single use Catheters should be disposed of after use according to local waste disposal regulations.

## BEFORE RETURNING CATHETERS FOR ASSESSMENT

- Please clean and disinfect Catheters before shipping to an authorized Transonic® office for assessment
- Catheters that arrive with blood or tissue constitute a bio hazard to our staff and will not be assessed and the Catheter will be returned to you at your expense



Rinse Catheter in distilled water or saline (Steps 1 & 4)



Immerse Catheter in cleaning agents (Steps 2, 3 & 7)



Catheter in storage foam (Step 8)

# Recommended Cleaning Agents

## RECOMMENDED ENZYMATIC CLEANING SOLUTIONS (USE AFTER EVERY EXPERIMENT)

Endozime® Ruhof (www.ruhof.com)

- Dual enzymatic cleaner – Protease and Amylase
- pH neutral and 100% biodegradable

## RECOMMENDED DISINFECTION SOLUTION (OPTIONAL USE AFTER EVERY EXPERIMENT)

Cidex® Advanced Sterilization Products (www.aspii.com)

- 2.4% alkaline-based glutaraldehyde formula
- Activated solution can be reused up to 14 days
- 45 minute disinfection time

## RECOMMENDED METAL CLEANER (USE WEEKLY TO CLEAN METAL RINGS OF PRESSURE-VOLUME CATHETERS)

Citranox® Alconox Inc. (www.alconox.com)

- Acid cleaner and detergent
- Removes metal oxides, salts and inorganic residues
- Phosphate free and biodegradable



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