

# HIGH-LEVEL DISINFECTION – GLUTARALDEHYDE

## REPROCESSING ENDOSCOPES USING METREX® PRECLEANERS AND METRICIDE® GLUTARALDEHYDE

### Preclean

1. Immediately wipe the insertion tube with a MetriSponge®.
2. Suction the correctly diluted EmPower® or MetriZyme® dual-enzymatic detergent through the scope and the biopsy/suction channels until the solution is clear. Alternate detergent/air.
3. Flush air/water channels per endoscope manufacturer's instructions.
4. Attach water-resistant cap to videoscope. Transport scope separately from accessories to reprocessing room.
5. Repeat steps 2 and 3 several times before finishing with air. Attach soaking cap to videoscope.

### Perform Leak Test

6. Remove adapters and valves.
7. Use a leak tester to pressurize the scope before submerging it in water, following the endoscope manufacturer's instructions.

### Manually Clean

8. Immerse scope in correctly diluted EmPower or MetriZyme dual-enzymatic detergent.
9. Wash debris from exterior of scope.
10. Clean inside all valve openings and elevators.
11. Brush entire suction/accessory channels, using appropriate adapters to access all channels.
12. Repeat steps 9 -12 until endoscope is completely free of debris.

### Rinse

13. Rinse the scope and removable parts repeatedly with clean water, flushing all channels.
14. Purge water by flushing all channels with air.
15. Wipe exterior of scope dry and remove parts using soft, clean, lint-free cloth or sponge.
16. Expel any remaining water by flushing with air.

### Manual Disinfect with High-Level Disinfectant

17. Test the effectiveness of MetriCide using the MetriTest™ Strips before soaking and log in results.
18. Completely immerse scope in MetriCide.
19. Inject MetriCide into all channels until it exits in the opposite ends.
20. Soak according to MetriCide label, covering disinfectant soaking tray with tight-fitting lid.
21. After soaking, use channel adapters to flush disinfectant repeatedly, leaving adapters attached for rinse cycle.



Saturated with MetriZyme, MetriSponge has a unique shape to clean the cylindrical surfaces of an endoscope thoroughly without scratching its delicate parts.



MetriTest Strips immediately alert you to the effectiveness of the MetriCide products before each use.

### Rinse Again (Final)

22. Rinse exterior of scope and its removable parts thoroughly, referring to MetriCide label.
23. Flush all channels thoroughly with large amounts of sterile water.
24. Purge all channels with air using the channel cleaning adapters.

### Flush and Dry Channels

25. Flush all channels with 70% isopropyl or ethyl alcohol.
26. Purge all channels with air.
27. Dry exterior using clean, lint-free cloth. Dry channels following the endoscope manufacturer's instructions.

### Store Carefully

28. Store according to institutional policies, making sure to hang the endoscope vertically with distal tip hanging freely in a storage area with good ventilation.



For more information, visit [metrex.com/education](http://metrex.com/education), or call **800.841.1428**.

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