

# List of CDS Related Guidance

Processing Requirements for Thermolabile Flexible Endoscopes



# CDS Related Guidance

## Processing Requirements for Thermolabile Flexible Endoscopes

Canada



Procedure Room	Decontamination Area				
Precleaning	Manual Cleaning*	Manual Disinfection or EWD	Drying/Storage/Sterilization	Remarks	Source
<p>Immediately after finishing patient's procedure</p> <p>By wiping the outer surface of the insertion tube and using <b>freshly prepared enzymatic detergent</b> to flush/rinse all channels</p>	<p>Ideally, cleaning and disinfection of endoscopes should be performed <b>immediately</b> after use</p> <p>Cleaning solution freshly prepared for each endoscope</p> <p>Mainly enzymatic detergents</p> <p>Disposable cleaning items are preferred</p> <p>Use of potable tap water for rinsing after endoscope cleaning is acceptable</p> <p>For removable endoscope parts, the use of an <b>ultrasonic cleaner</b> to enhance soil removal is recommended</p>	<p>Manually or EWD by using disinfectants with antimycobacterial activity (e.g., high-level disinfectant) or sterilants</p> <p><b>GDA-, OPA-, hydrogen-peroxide- and PAA-</b>based disinfectants</p> <p>Final rinse water should be sterile or bacteria-free (e.g., filtered through a 0.2µm filter). Tap water can be used, but if it is, a subsequent 70-90% alcohol rinse is required between each patient use and prior to storage</p> <p>In case of delayed disinfection and the endoscope being left to soak, it should be thoroughly cleaned again prior to disinfection</p>	<p><b>Drying:</b> Wipe the outer surfaces and purge all channels with forced air and alcohol rinse</p> <p><b>Storage:</b> Store endoscope uncoiled in a vertical position (e.g., hang in closed, ventilated cabinet). Store detachable and reusable parts (e.g., valves and water-resistant cap) separately from endoscope. May be placed in a mesh bag and hung on the scope</p> <p>The maximum allowable storage time before reprocessing is required is 7 days</p> <p><b>Sterilization:</b> Low-temperature sterilization for critical devices: EtO, H<sub>2</sub>O<sub>2</sub> sterilization</p>	<p>Sterilization must be performed if the endoscope enters the body through an incision, as with intraoperative enteroscopy</p>	<p>Public Health Agency of Canada: Infection Prevention and Control Guideline for Flexible Gastrointestinal Endoscopy and Flexible Bronchoscopy (2010)</p> <p><a href="https://www.canada.ca/en/public-health/services/infectious-diseases/nosocomial-occupational-infections/infection-prevention-control-guideline-flexible-gastrointestinal-endoscopy-flexible-bronchoscopy.html">https://www.canada.ca/en/public-health/services/infectious-diseases/nosocomial-occupational-infections/infection-prevention-control-guideline-flexible-gastrointestinal-endoscopy-flexible-bronchoscopy.html</a></p> <p>Further information on endoscopy audit tool: <a href="https://ipac-canada.org/photos/custom/OldSite/AuditToolkit/Tools/tools_Endoscopy.pdf">https://ipac-canada.org/photos/custom/OldSite/AuditToolkit/Tools/tools_Endoscopy.pdf</a></p>
<p><b>Legend:</b> EWD – endoscope washer-disinfector (chemo-thermal mechanical/automatic cleaning and disinfection)/AER – automated endoscope reprocessor GDA – glutardialdehyde PAA – peracetic acid OPA – ortho-phthalaldehyde ClO<sub>2</sub> – chlorine dioxide</p>		<p>LCS – liquid chemical sterilization EtO – ethylene oxide LTSF – low-temperature steam formaldehyde H<sub>2</sub>O<sub>2</sub> – hydrogen peroxide OR – operating room EHEF – European Hygiene Experts Forum HLD – high-level disinfection</p>	<p>TGA – Therapeutic Goods Administration Sterilant – chemical (high-level disinfectant) that has been cleared as capable of destroying all viable microorganisms, including bacterial spores (mainly relevant for Americas) Process chemical use life Process chemical shelf life</p>		

\* Mandatory, even in the case of EWD processing

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As medical knowledge is constantly growing, technical modifications or changes of the product design, product specifications, accessories and service offerings may be required. This quick reference guide is a mere summary of some important procedure steps and/or product information. It is not meant to replace the instructions for use. Any user of this product must at all times observe all mandatory information for the product, found, in particular, on the labels and the instructions for use.

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