

List of CDS Related Guidance

Processing Requirements for Thermolabile Flexible Endoscopes



CDS Related Guidance

Processing Requirements for Thermolabile Flexible Endoscopes

Association for the Advancement of Medical Instrumentation (AAMI)

Procedure Room	Decontamination Area			
Precleaning	Manual Cleaning*	Manual Disinfection or EWD	Drying/Storage/Sterilization	Source
<p>Immediately after finishing patient procedure</p> <p>Visually inspect the endoscope for damage</p> <p>Each endoscope should be isolated and transported with its components in its own closed system to the next stage of processing</p>	<p>Manual cleaning performed as soon as possible after use</p> <p>Cleaning brushes should either be single use and disposed of or reusable and receive high-level disinfection or sterilization after each use</p>	<p>Manual or AER disinfecting, both acceptable. Also, LCS in AER acceptable</p>	<p>Drying: Can be achieved by flowing air through all channels for a specified period of time. Drying should be facilitated by using 70-80% ethyl or isopropyl alcohol</p> <p>Storage: The endoscope should be hung vertically with the distal tip hanging freely in a well-ventilated, clean area</p> <p>Sterilization: Terminal sterilization is preferred method of microbial inactivation and the only option in sterile environments. It is recommended for all endoscopes that enter sterile body cavities. Methods also include ethylene oxide (EO), hydrogen peroxide (HP gas) and ozone sterilization</p>	<p>Association for the Advancement of Medical Instrumentation. ANSI/AAMI ST91:2021 Flexible And Semi-Rigid Endoscope Processing In Health Care Facilities. (2021)</p> <p>Subscription required: https://webstore.ansi.org/standards/aami/ansiaamist912021</p>

<p>Legend: EWD – endoscope washer-disinfector (chemo-thermal mechanical/automatic cleaning and disinfection)/AER – automated endoscope reprocessor GDA – glutardialdehyde PAA – peracetic acid OPA – ortho-phthalaldehyde ClO₂ – chlorine dioxide</p>	<p>LCS – liquid chemical sterilization EtO – ethylene oxide LTSF – low-temperature steam formaldehyde H₂O₂ – 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>
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* 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.

OLYMPUS

OLYMPUS EUROPA SE & CO. KG

Postbox 10 49 08, 20034 Hamburg, Germany

Wendenstrasse 20, 20097 Hamburg, Germany

Phone: +49 40 23773-0, Fax: +49 40 233765

www.olympus-europa.com