



## Healthcare-Associated Infections Program Adherence Monitoring High-Level Disinfection of Reusable Devices

Assessment completed by:

Date:

Unit:

**Regular monitoring with feedback of results to staff can maintain or improve adherence to high-level disinfection practices. Use this tool to identify gaps and opportunities for improvement. Monitoring may be performed in any type of location where high-level disinfection of reusable devices is performed.**

**Instructions:** Observe each practice in the high-level disinfection area and check a box if adherent, Yes or No. In the column on the right, record the total number of “Yes” for adherent practices observed and the total number of observations (“Yes” + “No”). Calculate adherence percentage in the last row.

High-Level Disinfection Practices		Observation 1	Observation 2	Observation 3	Adherence by Task	
					# Yes	# Observed
HL1.	Flexible endoscopes are inspected for damage and leak tested as part of each reprocessing cycle. Any device that fails the leak test is removed from clinical use and repaired.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
HL2.	Devices are thoroughly cleaned according to manufacturer instructions and visually inspected for residual soil prior to high-level disinfection. <i>Note: Cleaning may be manual (i.e., using friction) and/or mechanical (e.g., with ultrasonic cleaners, washer-disinfector, washer-sterilizers). Ensure appropriately sized cleaning brushes are selected for cleaning device channels and lumens.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
HL3.	Cleaning is performed as soon as practical after use (e.g., at the point of use) to prevent soiled materials from becoming dried onto instruments.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
HL4.	Enzymatic cleaner or detergent is used and discarded according to manufacturer instructions (typically after each use).	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
HL5.	Cleaning brushes are disposable or, if reusable, cleaned and high-level disinfected or sterilized (per manufacturer instructions) after use.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
HL6.	For chemicals used in high-level disinfection, manufacturer instructions are followed for: <ul style="list-style-type: none"> <li>Preparation</li> <li>Testing for appropriate concentration</li> <li>Replacement (i.e., upon expiration or loss of efficacy)</li> </ul>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
HL7.	If automated reprocessing equipment is used, proper connectors are used to assure that channels and lumens are appropriately disinfected.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
HL8.	Devices are disinfected for the appropriate length of time as specified by manufacturer instructions.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		

High-Level Disinfection Practices		Observation 1	Observation 2	Observation 3	Adherence by Task	
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HL9.	Devices are disinfected at the appropriate temperature as specified by manufacturer instructions.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
HL10.	After high-level disinfection, devices are rinsed with sterile water, filtered water, or tap water followed by a rinse with 70% - 90% ethyl or isopropyl alcohol. <i>Note: There is no recommendation to use sterile or filtered water rather than tap water for rinsing semi-critical equipment that contact the mucous membranes of the rectum or vagina</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
HL11.	Devices are dried thoroughly prior to reuse. <i>Note: For lumened instruments (e.g., endoscopes) this includes flushing all channels with alcohol and forcing air through channels.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
HL12.	After high-level disinfection, devices are stored in a manner to protect from damage or contamination. <i>Note: Endoscopes should be hung in a vertical position.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
HL13.	Facility maintains a log for each endoscopy procedure which includes: patient's name and medical record number (if available), procedure, date, endoscopist, system used to reprocess the endoscope (if more than one system could be used in the reprocessing area), and serial number or other identifier of the endoscope used.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
HL14.	The facility has a process to perform initial cleaning of devices (to prevent soiled materials from becoming dried onto devices) prior to transport to the off-site reprocessing facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
<div> <div># of Correct Practice Observed (“# Yes”): _____</div> <div>Total # High-Level Disinfection Observations (“# Observed”): _____ (Up to 42 Total)</div> <div><i>If practice could not be observed (i.e. cell is blank), do not count in total # Observed.</i></div> <div>Adherence _____%</div> <div>(Total “# Yes” ÷ Total “# Observed”) x 100</div> </div>						