







When to HLD with trophon2?

Patient Contact Site Spaulding Classification Disinfection / Sterilization Requirements	<p>Probe will only contact healthy, intact skin</p>	<p>Probe may contact mucous membranes or non-intact skin</p>	<p>Probe may contact or enter sterile tissue or the bloodstream</p>
	<p>Non-Critical Surface ultrasound (intact skin)</p> 	<p>Semi-Critical Endocavitary</p> <ul style="list-style-type: none"> transvaginal scans transrectal scans <p>Surface ultrasound (broken skin)</p> <ul style="list-style-type: none"> scan across partially healed wound scan across rash 	<p>Critical Intraoperative procedures Biopsies Ultrasound guided procedures where the probe may contact sterile tissue*</p> <ul style="list-style-type: none"> drainages injections tissue sampling 
	<p>Minimum LLD</p>  <p>Further protection with HLD</p>	<p>Minimum of HLD</p> 	<p>HLD or Sterilization[†]</p> 
<p>Probe is ready for procedure</p>			

*Ultrasound devices that contact or enter sterile tissue are classed as critical even if a cover is used.^{1,2} Ultrasound guided procedures are diverse and many carry a risk of contact with sterile tissue.

[†] Critical probes must be sterilized, however if sterilization is not possible the CDC permits high level disinfection with use of a sterile sheath.¹

The above table has been developed based on the Spaulding classification which sets medical device reprocessing requirements.³ The FDA and CDC both offer specific guidance for ultrasound probe reprocessing as indicated here.^{1,2}

References 1. CDC 2008. Guideline for Disinfection and Sterilization in Healthcare Facilities. 2. FDA 2008. Information for Manufacturers Seeking Marketing Clearance of Diagnostic Ultrasound Systems and Transducers. 3. Spaulding EH (1968). Chemical disinfection of medical and surgical materials. Disinfection, sterilization, and preservation. Lawrence C, Block SS. Philadelphia (PA), Lea & Febiger: 517-531.