

Endoscope Infections:

A risk you can't afford

It can happen to you

Since 2015, patients have **been infected** by contaminated endoscopes at more than a **dozen major hospitals**; some of these infections resulted in **patient deaths**.



One year, **500,000** infections



A patient who contracts *C. diff* will cost an additional **\$24,205** to a hospital¹

Cost to hospitals:

\$4.8 billion every year



From **one bug** to **281,474,980,000,000**

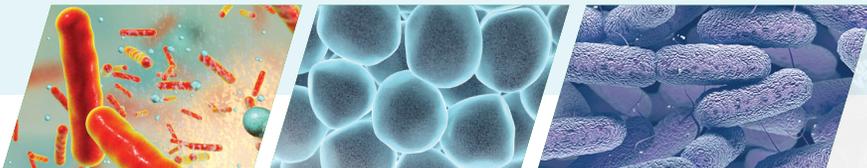


in **24 hours**

Bacteria **can double** every **20 to 30 minutes**²

¹ <https://www.livescience.com/50041-cre-symptoms-treatment.html>

² <https://courses.lumenlearning.com/microbiology/chapter/how-microbes-grow/>



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A single CRE infection

costs a hospital from
\$22,484 to
\$66,031³



Average cost
per hospital
\$3.15
million
every
year

What's the cost to your reputation?

What's the cost in court?



The recent safety communication regarding duodenoscopes



Hospital and Endoscopy Facilities: Important Recommendations

“Consider reprocessing with supplemental measures such as **sterilization** or use of a **liquid chemical sterilant processing system** consistent with the device's labeling.”⁴



How you process an endoscope matters

	MICROORGANISM TYPE	LIQUID CHEMICAL STERILIZATION	DISINFECTION		
			HIGH LEVEL	INTERMEDIATE LEVEL	LOW LEVEL
MORE DIFFICULT TO KILL ↑ LESS DIFFICULT TO KILL	Bacterial Spores	↑	↑	↑	↑
	Mycobacteria	↑	↑	↑	↑
	Non-enveloped viruses	↑	↑	↑	↑
	Fungi	↑	↑	↑	↑
	Gram Negative Bacteria	↑	↑	↑	↑
	Gram Positive Bacteria	↑	↑	↑	↑
	Enveloped Viruses	↑	↑	↑	↑



SYSTEM1 endo®

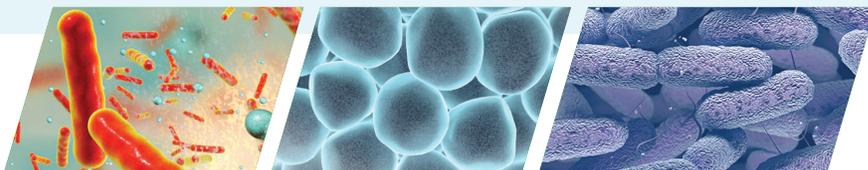
The **MOST** Practical Solution

Liquid Chemical Sterilant Processing validated for material compatibility and efficacy for **more than 2000** endoscope models, including colonoscopes, duodenoscopes, gastroscopes and bronchoscopes⁵

³ <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5547745/>

⁴ https://www.fda.gov/medical-devices/safety-communications/fda-recommending-transition-duodenoscopes-innovative-designs-enhance-safety-fda-safety-communication?utm_campaign=2019-08-29%20CDRH%20Safety%20Comm%20-%20%20Recommendations%20and%20Updates%20to%20Help%20Improve%20Duodenoscope%20Reprocessing&utm_medium=email&utm_source=Eloqua

⁵ STERIS Device Matrix. <https://www1.steris.com/products/quickconnects/system1endo/index.cfm?step=1>



For more information, visit steris.com/system1endo

