

Vaporized Hydrogen Peroxide Sterilization

# BEST PRACTICES

# Every Load Monitoring

In the Sterile Processing Department, you play a critical role in ensuring patient safety. Every Load Monitoring can help you reduce the risk of SSIs by delivering the highest level of sterilization assurance to every patient.

## Why monitor every load?

Because Every Load Monitoring provides the maximum level of assurance possible that each and every cycle was efficacious.

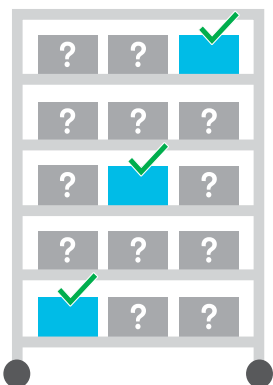


## Standardizing your procedures – for confidence in every load

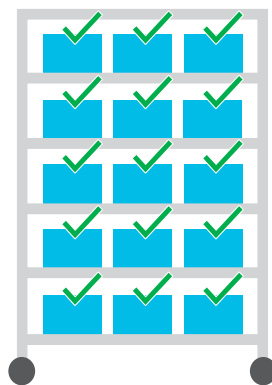
Now, with the 3M™ Attest™ Rapid Readout Biological Indicator System for vaporized hydrogen peroxide sterilization, you can implement Every Load Monitoring across all sterilization modalities used in your department.

- ▶ **Consistency for patients** – Every Load Monitoring provides the highest standard of care for all patients.
- ▶ **Consistency for staff** – Every Load Monitoring provides less room for error, by using the same process for all loads.
- ▶ **Quality and risk management** – Every Load Monitoring minimizes the risks associated with an undetected sterilization failure. Faster results allow you to respond faster with corrective action if necessary.

## Don't leave patients' well-being to chance!



When only a portion of your loads contain a biological indicator, how can you be sure that each cycle was efficacious?



When you monitor every load, you provide the same level of care to each and every patient served by your facility.

## Standards and Guidelines

### AAMI ST58: 2013<sup>1</sup>

“A PCD with the appropriate BI should also be used at least daily, **but preferably in every sterilization cycle**” (Emphasis added)

“*Rationale:* The condition of the sterilizer equipment, the expertise of the sterilizer operator, and other factors determining the success or failure of a sterilization cycle could vary from one cycle to another. The less frequently the sterilizer is used, the greater the opportunity for the occurrence of an unnoticed event that could affect...”

### AORN Guideline for Sterilization<sup>2</sup>

“...Routine sterilizer efficacy monitoring should be performed at least daily on each cycle type, **preferably with each load, ...**” (Emphasis added)

<sup>1</sup> The Association for the Advancement of Medical Instrumentation. Chemical sterilization and high-level disinfection in health care facilities. ANSI/AAMI ST58:2013.

<sup>2</sup> 2016 Edition AORN Guidelines for Perioperative Practice. Guideline for Sterilization.

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## Standardize the way you work

3M offers complete monitoring solutions including rapid readout biological indicators for sterilization modalities typically used in healthcare facilities.

Sterilization Modality	STEAM	EO	VH2O2
<b>Rapid Biological Indicator?</b>	✓	✓	✓
<b>Time to Result</b>	1 hr/3 hrs	4 hrs	4 hrs
<b>Auto-reader provides clear positive (+) or negative (-) result</b>	✓	✓	✓
<b>Best Practice Monitoring Frequency</b>	Every Load	Every Load	Every Load
<b>Complete 3M Monitoring Solution</b> (chemical indicator, indicator tape, Bowie-Dick test*)	✓	✓	✓

\*Bowie-Dick test for Steam only.

### Confidence of Consistency for Vaporized Hydrogen Peroxide Sterilization

Get the sterilization assurance information you need with the family of “Key Three” monitoring products from 3M. The same blue-to-pink chemical indicator color change occurs across all the monitoring products for vaporized hydrogen peroxide sterilization. Easy to use, easy to interpret.

- 1 Confirm sterilization exposure:**  
3M™ Comply™ Hydrogen Peroxide Indicator Tape 1228
- 2 Confirm sterilant penetration:**  
3M™ Comply™ Hydrogen Peroxide Chemical Indicators 1248
- 3 Demonstrate lethality:**  
3M™ Attest™ Rapid Readout Biological Indicators 1295, used with the 3M™ Attest™ Auto-reader 490H

Use 3M™ Attest™ Rapid Readout Biological Indicator System for routine monitoring of vaporized hydrogen peroxide sterilization with these sterilizers:

- ▶ STERRAD® 100NX® System
- ▶ STERRAD® NX® System
- ▶ STERRAD® 100S System
- ▶ Amsco® VPRO® maX System



#### Quick links:

For more information about the 3M™ Attest™ Rapid Readout Biological Indicator System for vaporized hydrogen peroxide sterilization:

- ▶ [Get the reference guide about published standards and guidelines](#)
- ▶ [Visit go.3M.com/VH2O2](http://go.3M.com/VH2O2)
- ▶ [Download the product brochure](#)
- ▶ [Contact your local 3M representative](#)
- ▶ Call the 3M Health Care Customer Helpline at 800.228.3957



3M Health Care  
3M Infection Prevention Division  
3M Center, Building 275-4E-01  
St. Paul, MN 55144 USA

1.800.228.3957  
3m.com/medical

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