



PROPER CLEANING IS CRITICAL



CAN HELP WHEN THINGS AREN'T PERFECT



Under simulated improper cleaning conditions, STERRAD NX™ System produced:

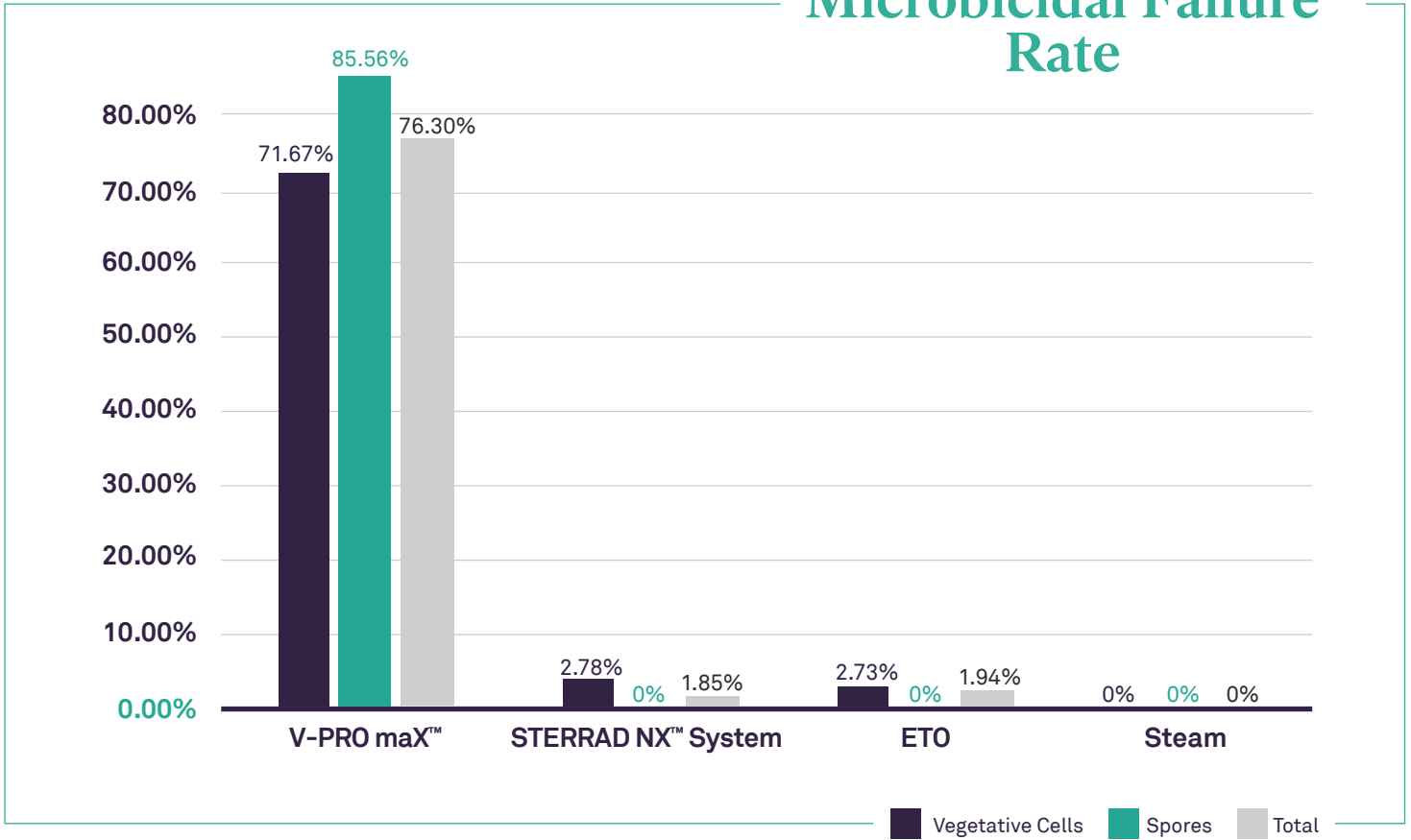
- 41 times greater vegetative cells and spore microbicidal rate against V-PRO™ maX¹
- 100% successful spore microbicidal rate vs. V-PRO maX's™ 86% microbicidal failure rate¹
- 26 times greater vegetative cells microbicidal rate against V-PRO™ maX¹
- No significant difference in microbicidal failure rates between STERRAD NX™ System, steam, and ETO¹

STERRAD™ Systems are designed to enhance safety, compliance, and operational efficiency:

- Uses Hydrogen Peroxide Gas Plasma (HPGP) to safely and rapidly sterilize medical instruments with minimal reports of toxic residue
- 67 times less hydrogen peroxide emissions compared to V-PRO™ sterilizers for minimal staff exposure to harmful chemicals²
- STERRAD™ Systems have over 23,000 device endorsements from medical device manufacturers
- Works with STERRAD VELOCITY™ Biological Indicator (BI) / Process Challenge Device (PCD), the fastest time to read BI at only 15 minutes³



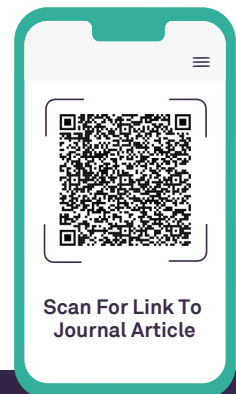
Microbicidal Failure Rate



Direct quotes from the William A. Rutala's journal article, Comparative evaluation of the microbicidal activity of low-temperature sterilization technologies to steam sterilization

- "VHP™ has a significantly narrower margin of safety in killing vegetative bacteria and spores in the presence of a salt and serum challenge"¹
- "Although steam had no failures compared to both ETO and HPGP, which demonstrated some failures for vegetative bacteria, there was no significant difference comparing the failure rate of steam to either ETO (P > .05) or HPGP (P > .05)."¹
- "Steam sterilization is the most effective and had the largest margin of safety, followed by ETO and HPGP, but VHP™ showed much less efficacy."¹

¹ Rutala et al., Comparative evaluation of the microbicidal activity of low-temperature sterilization technologies to steam sterilization, Infection Control and Hospital Epidemiology (2020), 1-5. ² The research was designed and executed by Actionable Research, an independent third party research firm in conjunction with ChemDAQ® Inc., a manufacturer of environmental safety monitoring systems. The research sponsor was Advanced Sterilization Products. All data were collected by the ChemDAQ® staff. ³ Fastest BI/PCD currently marketed for STERRAD™ Sterilization Systems. 15 or 30 minutes to result dependent on the software version on the STERRAD VELOCITY™ Reader. 15 minutes to result for SW version 1139260410 or greater; 30 minutes to result for SW version 139260317 or below.



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