



Bactisure[®]
Wound Lavage

Bactisure Wound Lavage

Bactisure Wound Lavage is used to remove debris, including microorganisms, from wounds using pulsed (jet) lavage. The clear, colorless, low-odor solution is a FDA 510(K) cleared device. Active ingredients includes benzalkonium chloride (surfactant), and water. Product is available in sterile 1000 mL polypropylene plastic bags with an integrated single spike port.



Indicated for Use on All Wound Types

- Apply just prior to wound closure using Zimmer Biomet Pulsavac® Plus or similar pulsed lavage system.
- Immediately rinse with an equal amount of normal saline using pulsed lavage.
- Not intended for repeated use.
- Not indicated for use during dressing changes or for use by soaking the product into dressings.
- Do not use if there is a history of allergy to any of the ingredients.

Does Not Harm Human Tissue*

- **Safe for use** – NAMSA Toxicology Report¹
- **Non-irritant** – ISO Intramuscular Implantation Test with Histopathology²
- **Normal wound healing** – Porcine Dermal Testing³

* When used as labeled.

Focused on Patient Outcomes

Figure 1 – Bacterial Reduction: Static vs. Pulsed Lavage Performance⁷

2-Min. Static and 30-Sec. Pulsed Lavage, Titanium Substrate

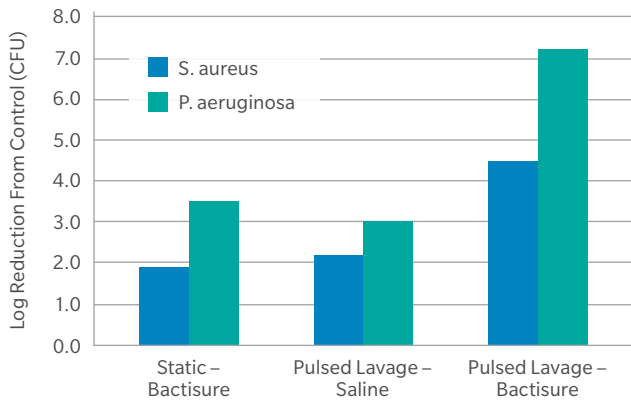


Figure 2 – In Vitro Removal of Contaminants⁸

30 Second Suspension Time

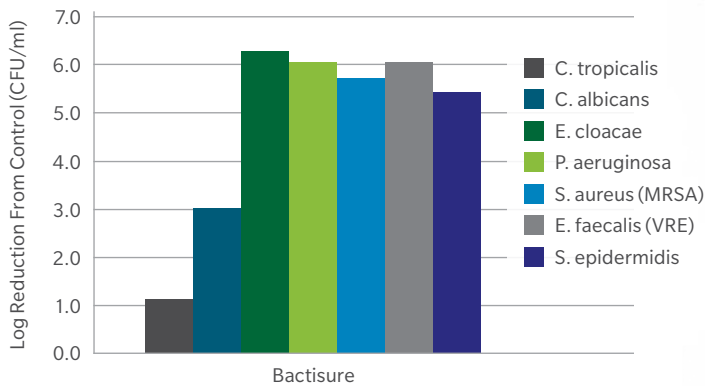
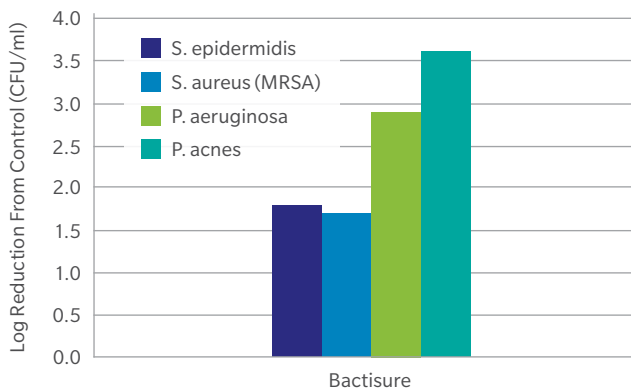


Figure 3 – Bacterial Reduction⁹

2-Min. Static - Stainless Steel Substrate



Enhancing Wound Care

Irrigation and debridement are considered essential components of wound management and infection control.⁴ Bactisure Wound Lavage can enhance these standard wound care practices when used as an adjunct to normal saline wound lavage⁵ (See Figure 1). Moreover, independent laboratory testing suggests that Bactisure Wound Lavage can effectively remove common wound pathogens including bacteria^{8,9} (See Figures 2 and 3). Bactisure Wound Lavage also conforms to USP <51> requirements for rapid in-solution inactivation of common pathogens.^{6,7}



Ordering Information

Bactisure Product



Bactisure Wound Lavage – 1L Bag, 6/BX

00888700200

Bactisure Pulsavac Plus Kits*



Bactisure Component Kit with Dual Spike Y-Connector

00888742000

Bactisure Fan Spray Kit with Dual Spike Y-Connector

00888747500

Bactisure Hip Kit with Dual Spike Y-Connector

00888748200

Bactisure Shower Spray Kit with Dual Spike Y-Connector

00888749500

Bactisure Pulsavac Plus A/C Kits*



Bactisure A/C Component Kit with Dual Spike Y-Connector

00888742600

Bactisure A/C Fan Spray Kit with Dual Spike Y-Connector

00888747600

Bactisure A/C Hip Kit with Dual Spike Y-Connector

00888748600

Bactisure A/C Shower Spray Kit with Dual Spike Y-Connector

00888749600

*Each kit includes 6 1L bags of Bactisure Wound Lavage and 6 Pulsavac handpieces with Dual Spike Y-Connectors

From diagnosis to treatment, Zimmer Biomet provides the most comprehensive portfolio for the continuum of care.



Therapy

Once infection has been diagnosed, defeating the organism is vital. In conjunction with systemic antimicrobial antibiotic therapy (standard treatment approach to an infection), Zimmer Biomet's modular and monoblock spacer molds and lavage systems are designed to help meet these needs.



Re-Implantation

After the infection has been diagnosed and treated, Zimmer Biomet's specialized antibiotic loaded cements and your choice of implant to provide symptom relief and restore joint function.



Diagnostics

Synovasure® Alpha Defensin is a unique, reliable and reproducible test designed and validated to aid in the diagnosis of Periprosthetic Joint Infection (PJI). It identifies elevated levels of Alpha Defensin, a critical protein in the innate immune response to infection.

References

1. North American Science Associates (NAMSA) Safety Evaluation Report, N142006, per ISO 10993-12 & 10993-18.
2. ISO Intracutaneous Reactivity Testing, WuXi AppTec protocol #9107015-5, per ISO 10993-10.
3. Porcine Dermal Full-Thickness Wound Wash Study, WuXi AppTec report 32255.
4. Hannigan *et al*, *Adv Wound Care* 2015; Parvisi *et al*, *Bone & Joint J* 2013; Mak *et al*, *Int J Nurs Stud* 2015.
5. Dr. Garth James, Montana State University Center for Biofilm Education; Next Science report TR-02-14-025.
6. Antimicrobial Test Labs, Inc. study GLP1177.
7. Note: Reductions in microbial growth in solution have not been shown to definitively correlate with reductions in infections in patients.

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or visit us at www.zimmerbiomet.com/surgical**



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