



BIA SURGE[®]

Advanced Surgical Solution

A NO-RINSE SURGICAL IRRIGATION SOLUTION

The Challenge of Microorganisms in the surgical site

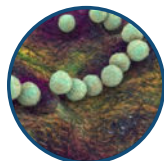
Surgical site infections, which affect 0.5 – 3% of all surgical patients, are typically caused by bacteria introduced into the surgical site at the time of surgery. The most common pathogens are:¹



Escherichia coli



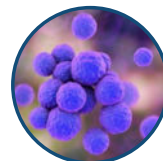
Staphylococcus epidermidis



Aerobic streptococci



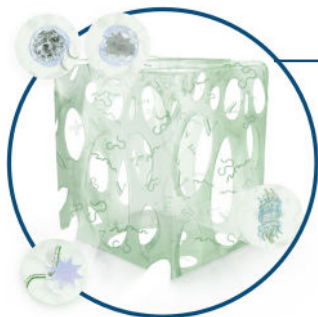
Pseudomonas aeruginosa



Methicillin-resistant *Staphylococcus aureus*

BIASURGE® Advanced Surgical Solution

is a no-rinse irrigation solution. It contains an antimicrobial preservative effective against a broad spectrum of pathogenic microorganisms in the solution. It is indicated for use in the mechanical cleansing and removal of debris, including microorganisms, from surgical wounds.



The ingredients in **BIASURGE® Advanced Surgical Solution** work to mechanically cleanse and eliminate debris including microorganisms.

- PHMB*
- Vicinal diols*
- EDTAs*
- Poloxamer 407

**synergistic ingredients²*



Eliminate

Eliminate 99.9999% of bacteria within 60 seconds in the solution³



Prevent

Prevent buildup of contaminants, including microorganisms, through mechanical cleansing



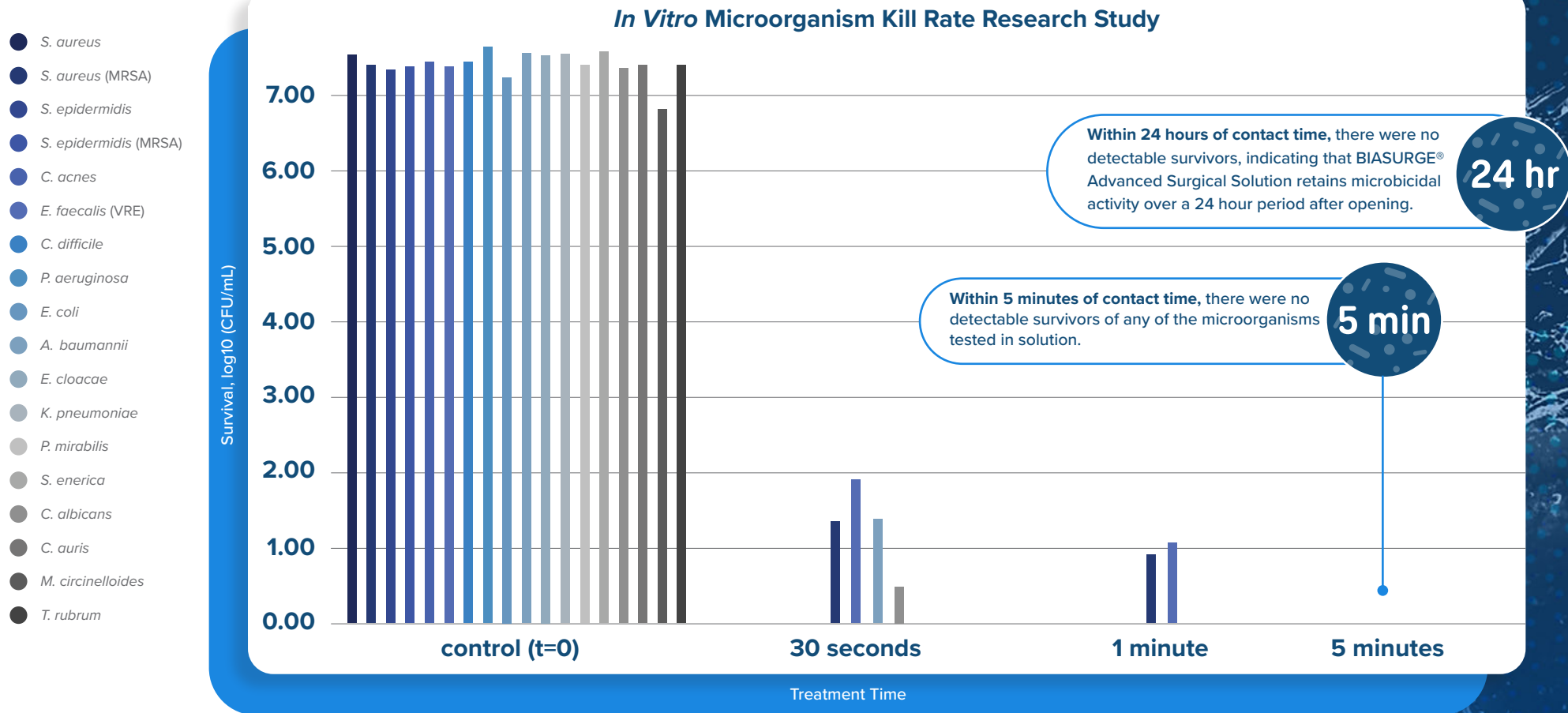
Safe

No secondary rinse necessary



RESEARCH STUDIES

BIASURGE® Advanced Surgical Solution eliminates 99.9999% of bacteria in 60 seconds in the solution and retains microbicidal activity for at least 24 hours after opening.³ The chart below displays kill rate data for a panel of 18 microorganisms.



*Research Study IN VITRO TESTING OF IMPLANT MATERIALS

BIASURGE® Advanced Surgical Solution both eliminates biofilm-producing microbes and prevents them from attaching to the implant materials.⁵




*Pre-clinical Study results may not directly correlate to human clinical outcomes

*Research Study EX VIVO TESTING OF DERMAL TISSUE

BIASURGE® Advanced Surgical Solution both eliminates biofilm-producing microbes and prevents them from attaching to porcine dermal tissue.⁶

Directions For Use

Irrigate surgical wound with **BIASURGE® Advanced Surgical Solution** for mechanical cleansing of debris, dirt and foreign materials, including microorganisms; the mechanical action can be provided by either a manual or powered irrigation device. Store at room temperature (approximately 25°C or 77°F). Do not refrigerate or freeze. Discard bags after procedure.

-  **Eliminate** 99.9999% of bacteria within 60 seconds in the solution³
-  **Prevent** buildup of contaminants, including microorganisms, through mechanical cleansing
-  No secondary rinse necessary

BIASURGE® Advanced Surgical Solution Ordering Information

PRODUCT #	PRODUCT DESCRIPTION	SIZE
BAS-0106	BIASURGE® Advanced Surgical Solution	1.0L – case of 6



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MedTech Inc. MKT.15.02 Rev. 250502

Research Studies: 1. Seidelman JL, Mantyh CR, Anderson DJ. Surgical Site Infection Prevention: A Review. JAMA. 2023;329(3):244–252. doi:10.1001/jama.2022.24075 2. Salamone AB, Salamone JC, McMahon RE, Poleon S, Bionda N, D'Arpa P. Synergistic Effect and Antibiofilm Activity of a Skin and Wound Cleanser. Wounds. 2020 Aug;32(8):208-216. Epub 2020 May 7. PMID: 32804659. 3. Data on file. 4. Data on file. 5. Data on file. 6. Data on file.



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Pre-clinical Study results may not directly
correlate to human clinical outcomes