



# **RIASURON™**

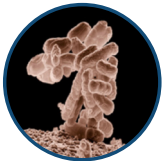
*Advanced Surgical Solution*

**ELIMINATE + PREVENT**

# A NO-RINSE SURGICAL SOLUTION WITH STAYING POWER

## The Challenge of Microorganisms in the surgical site

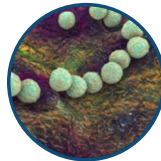
*Surgical site infections*, which affect 0.5 – 3% of all surgical patients, are typically caused by bacteria introduced into the surgical site at the time of surgery. The most common pathogens are:<sup>1</sup>



*Escherichia coli*



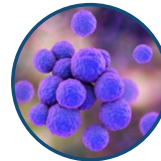
*Staphylococcus epidermidis*



Aerobic streptococci



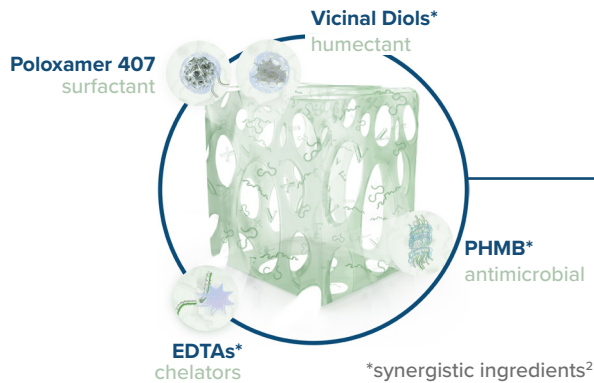
*Pseudomonas aeruginosa*



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. 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 synergistically to disrupt the biofilm extracellular polymeric substances (EPS) that protects the bacteria from antibiotics and biocides.



### Eliminates

Eliminates 99.9999% of bacteria within 60 seconds<sup>3</sup>



### Prevents

Prevents biofilm formation on tissues and implant materials for at least 24 hours<sup>4</sup>



### Non-cytotoxic

No secondary rinse necessary



### Compatible

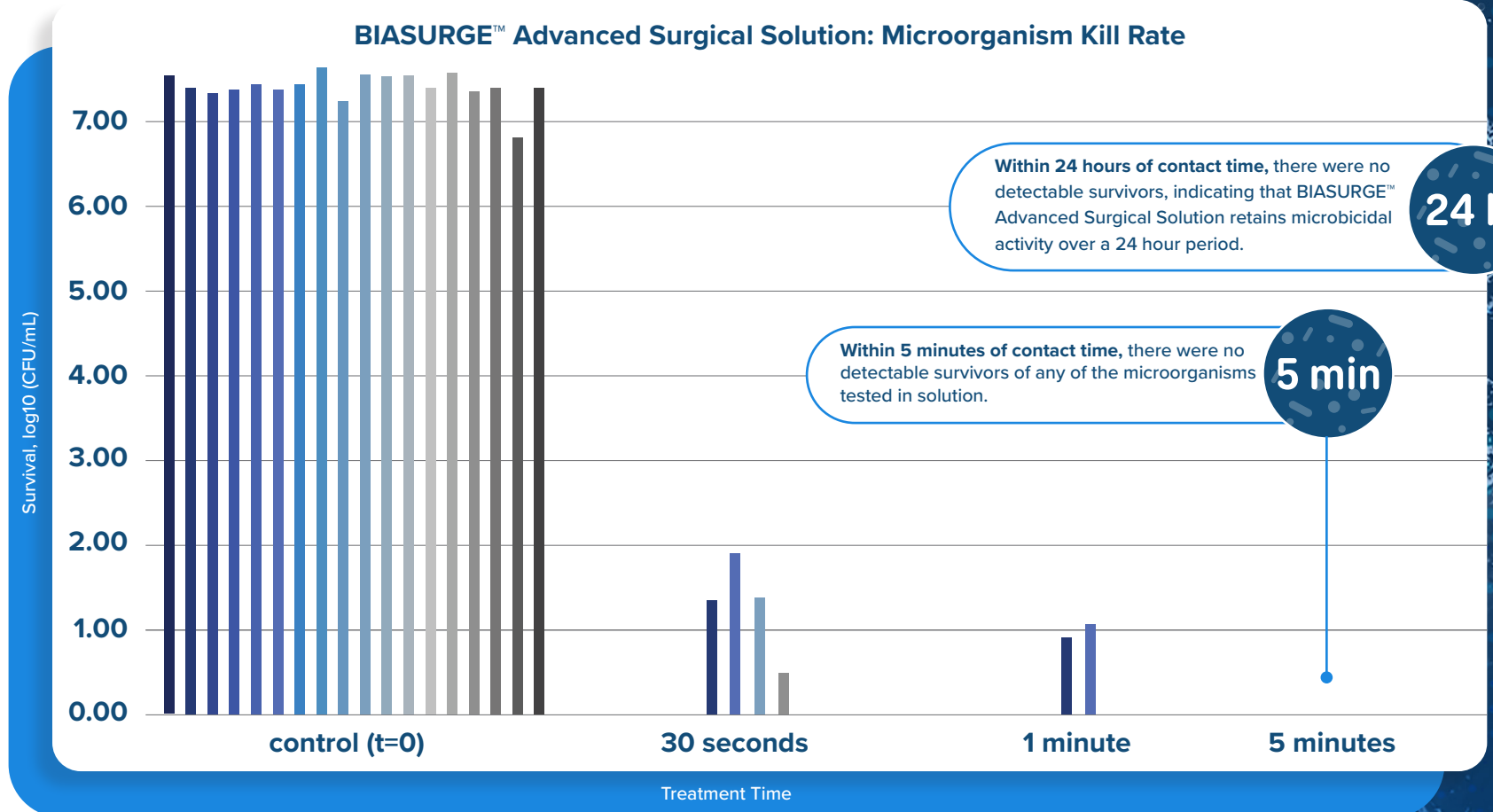
Compatible with various surgical implants and closure methods



# BACTERIA KILL RATE STUDY

**BIASURGE™ Advanced Surgical Solution** eliminates 99.9999% of bacteria in 60 seconds and retains microbicidal activity for at least 24 hours.<sup>3</sup> The chart below displays kill rate data for a panel of 18 microorganisms.

- *S. aureus*
- *S. aureus* (MRSA)
- *S. epidermidis*
- *S. epidermidis* (MRSA)
- *C. acnes*
- *E. faecalis* (VRE)
- *C. difficile*
- *P. aeruginosa*
- *E. coli*
- *A. baumannii*
- *E. cloacae*
- *K. pneumoniae*
- *P. mirabilis*
- *S. enterica*
- *C. albicans*
- *C. auris*
- *M. circinnelloides*
- *T. rubrum*



## IN VITRO TESTING OF IMPLANT MATERIALS


**BIASURGE™ Advanced Surgical Solution** both eliminates biofilm-producing microbes and prevents them from attaching to the implant materials.<sup>5</sup>


## EX VIVO TESTING OF DERMAL TISSUE


**BIASURGE™ Advanced Surgical Solution** both eliminates biofilm-producing microbes and prevents them from attaching to porcine dermal tissue.<sup>6</sup>

## 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.

 **Eliminates** 99.9999% of bacteria within 60 seconds<sup>3</sup>

 **Prevents** biofilm formation on tissues and implant materials for at least 24 hours<sup>4</sup>

 **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



© 2023 Sanara MedTech Inc. All rights reserved.  
BIASURGE is a trademark of Sanara MedTech Inc.  
MKT.15.02 Rev. 230810

**References:** 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.



Please contact us for more product information.

**800.205.7719 | [sanaramedtech.com](https://www.sanaramedtech.com)**