



BIA SURGIC[®]

Advanced Surgical Solution

ELIMINATE + PREVENT

A NO-RINSE SURGICAL SOLUTION WITH STAYING POWER

The Challenge of Microorganisms in the surgical site

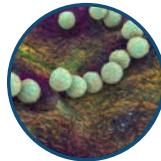
Surgical site infections, which affect 0.5 – 3% of all surgical patients, are typically caused by bacteria introduced into the surgical site at the time of surgery. The most common pathogens are:¹



Escherichia coli



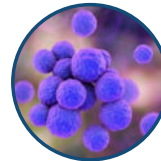
Staphylococcus epidermidis



Aerobic streptococci



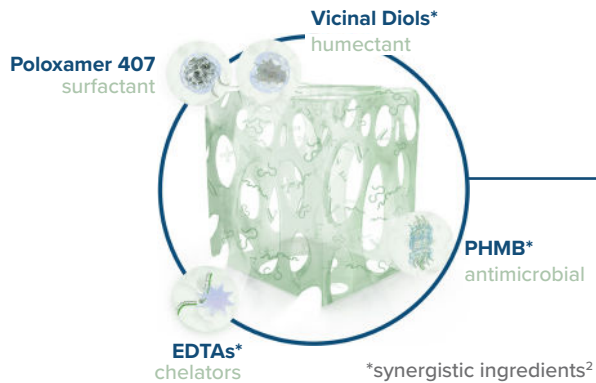
Pseudomonas aeruginosa



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. 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 seconds³



Prevents

Prevents biofilm formation on tissues and implant materials for at least 24 hours⁴



Non-cytotoxic

No secondary rinse necessary



Compatible

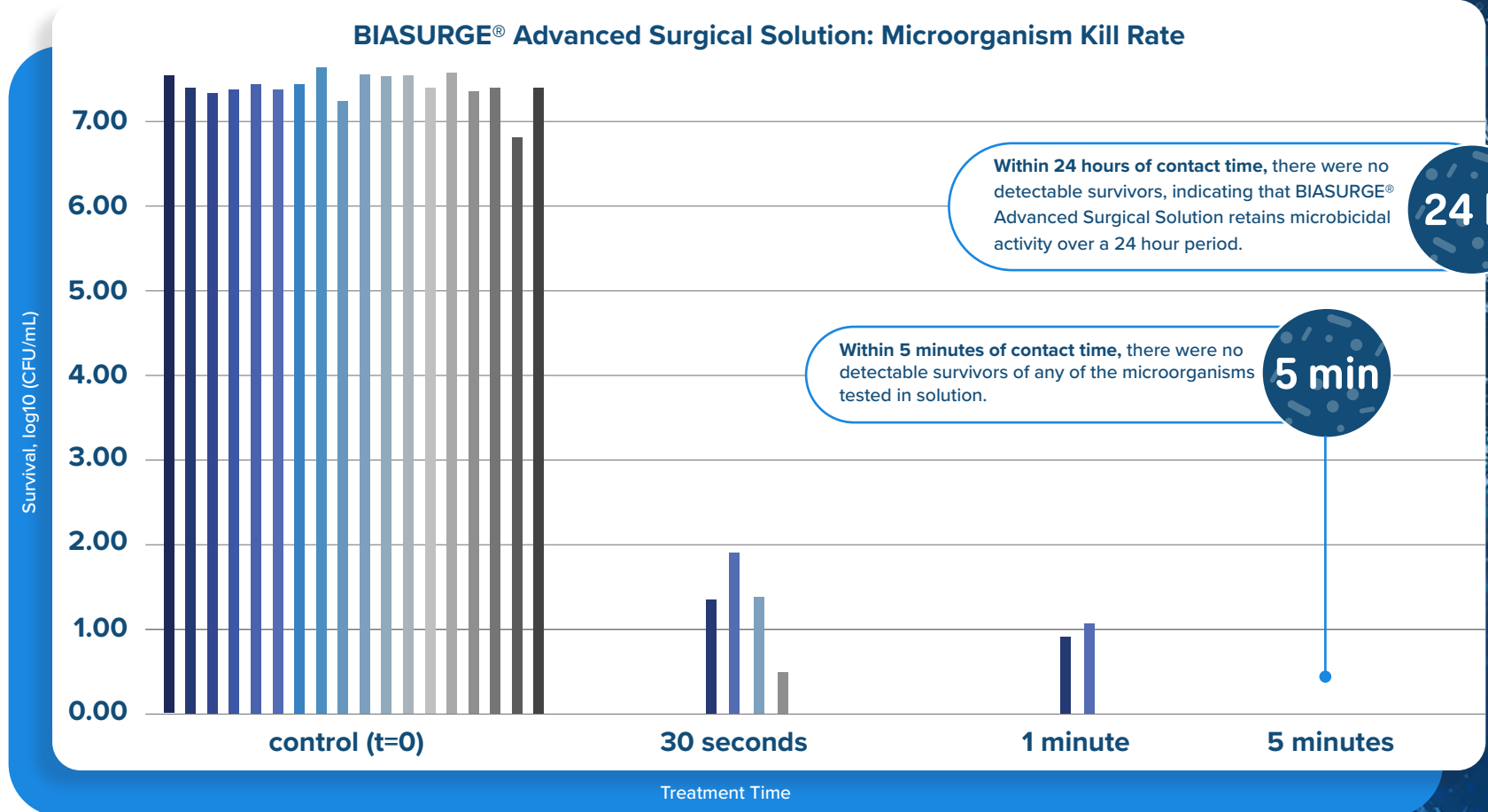
Compatible with various surgical implants and closure methods



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.³ 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.⁵


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.

 **Eliminates** 99.9999% of bacteria within 60 seconds³

 **Prevents** biofilm formation on tissues and implant materials for at least 24 hours⁴

 **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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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.



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