

What Bacteria Does Bactisure® Wound Lavage Work Against?



Technical Brief

Bactisure Wound Lavage is indicated for “cleaning and removal of debris, including microorganisms, from wounds.”¹

By the nature of its design, Bactisure Wound Lavage is effective against a broad spectrum of bacterial species.

Detailed test data can be found in the table below:

	Suspension kill (2 min) (log reduction)	Biofilm removal (2 min, static) (log reduction)	Description	Common associated conditions
<i>Staphylococcus aureus</i>	>5.7	1.1	Gram positive Facultative anaerobe	MRSA, sinusitis, skin infections, pneumonia, meningitis
<i>Staphylococcus epidermis</i>	>5.4	1.9	Gram positive Facultative anaerobe	Skin infections, endocarditis, catheter infections
<i>Pseudomonas aeruginosa</i>	>6.0	3.0	Gram negative Facultative anaerobe	Pneumonia, skin infections, urinary tract infections
<i>C. acnes (aka P. acnes)</i>		2.5	Gram positive Facultative aerobe Difficult to culture	Shoulder surgery infections, acne
<i>C. tropicalis</i>	3.5	n/d	Yeast	Oral thrush, vaginal infections
<i>C. albicans</i>	5.5	n/d	Yeast	Skin, vaginal infections
<i>E. cloacae</i>	>6.2	n/d	Gram negative Facultative anaerobe	Wound infections, urinary tract infections
<i>E. faecalis</i>	>6.0	n/d	Gram positive Facultative anaerobe	Endocarditis, urinary tract infections, meningitis, hospital-acquired infections

¹ FDA 510(k) K161165, Next Science Irrigation Solution

References

Dr. Garth James, Montana State University Center for Biofilm Education; Next Science report TR-02-14-025.

Dr. Garth James, Montana State University Center for Biofilm Education; Next Science report TR-02-14-010.

Antimicrobial Test Labs, Inc. study NG5176.

Antimicrobial Test Labs, Inc. study NG5062.

Note: Reductions in microbial growth in solution have not been shown to definitively correlate with reductions in infections in patients.

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