



About Biovation

Biovation is a leading USA innovator and supplier of advanced infection control for healthcare markets.

Our proprietary antimicrobial technologies and manufacturing processes have been in development for more than a decade and used in various customer applications leading to unique and valued solutions.

Biovation's multi-component antimicrobial formulations, integrated into the product structure itself, feature controlled, on-demand release and broad spectrum efficacy. Our team of chemists and engineers work with a wide range of natural ingredients, including biopolymers, in combination with our base proprietary chemical formulation.

Every formulation is created to meet the unique needs of our customers, optimizing fast-acting and long lasting properties which enable our customers to meet their toughest challenges.

Contact us to get started today!

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BIOARMOUR

ANTIMICROBIAL BLOOD PRESSURE CUFF SHIELD





About the BioArmour™ Blood Pressure Cuff Shield

The BioArmour™ Blood Pressure Cuff Shield prevents direct contact of the patient's skin with the blood pressure cuff. The latex-free shield material is impregnated with antimicrobial and antifungal agents to mitigate the propagation of pathogens. Contaminant pathogens are subdued by the blood pressure cuff shield.

The BioArmour™ Blood Pressure Cuff Shield is an environmentally friendly product as it is manufactured from a green, sustainable bio-polymer; comprised of 90% bio-content material.

BioArmour™ Blood Pressure Cuff Shield

1. Mitigates risk of infectious pathogen transmission from the blood pressure cuff.
2. Manufactured for multiple patient use through a 24 hour period.
3. Green technology
4. The anti-fray shield is durable and will withstand continual use.
5. Robust through multiple inflation-deflation cycles.
6. Does not adversely affect the collection of blood pressure data.
7. Allows hospitals and healthcare facilities to implement and demonstrate proactive measures for infectious disease reduction and control.



Multipatient

BioArmour™ shield is integrated with an antimicrobial formulation which assists healthcare providers in providing patient safety.



Antimicrobial

BioArmour™ shield can be used for as many patients as needed in a 24 hour period, safely and reliably.



Easy to Use

BioArmour™ shield can be used in one easy step and then disposed as a green, sustainable product.

Test Article Identification	Organism Count (CFU/mL) Zero Time	Organism Count (CFU/mL) 24 Hour	Log Reduction	Percent Reduction
MRSA	2.30 x 10 ⁵	<1.00x10 ²	5.48	>99.999%
Control - MRSA	2.88 x 10 ⁵	>3.00x10 ⁷		
<i>Klebsiella pneumoniae</i> (Kp)	1.02 x 10 ⁵	<1.00x10 ²	5.48	>99.999%
Control - Kp	1.03 x 10 ⁵	>3.00x10 ⁷		
<i>Pseudomonas aeruginosa</i> (Pa)	2.73 x 10 ⁵	<1.00x10 ²	5.48	>99.999%
Control- Pa	2.23x10 ⁵	>3.00x10 ⁷		
VRE	3.30x10 ⁵	<1.00x10 ²	5.48	>99.999%
Control - VRE	4.30 x 10 ⁵	>3.00x10 ⁷		
<i>Acinetobacter baumannii</i> (Ab)	3.00 x 10 ⁵	<1.00x10 ²	5.48	>99.999%
Control- Ab	2.90 x 10 ⁵	>3.00x10 ⁷		
<i>Candida albicans</i> (Ca)	2.53 x 10 ⁵	<1.00x10 ²	5.38	>99.999%
Control- Ca	3.56 x 10 ⁵	>3.00x10 ⁷		
<i>Clostridium difficile</i> (Cd)	1.15x10 ⁷	1.69x10 ⁵	1.83	98.3%
Control- Cd	1.23x10 ⁷	4.27x10 ⁵		

Test Method: AATCC 100

Easy Preparation



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Easy and Safe for Patient Measurement



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