



TridAnt®
Enhanced Antimicrobial
Surface Active Therapeutic

TridAnt® Enhanced Antimicrobial Surface Active Therapeutic is a high-performance coating that blocks, repels, and kills pathogens to prevent nosocomial infections on medical device surfaces.

Antimicrobial Properties



Contact Kill
Mechanism



Broadest Spectrum
Efficacy



Disrupts &
Prevents Biofilm



Contact 2 Contact
Kill Technology



Sustained
Efficacy For Years

What is TridAnt®?

TridAnt® Enhanced Antimicrobial is a Surface Active Therapeutic that represents a breakthrough in biocompatible antimicrobial technology. It is the world's first full spectrum antimicrobial coating for medical devices that effectively kills enveloped and non-enveloped viruses, gram-positive and gram-negative bacteria including drug resistant bacteria, and spores, preventing biofilm formation consistently for 365 days without losing efficacy.

TridAnt® combines active and passive components to inhibit protein deposition and bacterial adhesion whilst killing pathogens, therefore offering multi-faceted protection for medical device surfaces. It features a unique Contact Kill Mechanism that works within seconds, and Contact 2 Contact Kill Technology, which enables all surfaces in contact with TridAnt® to become disinfected for as long as the contact lasts. This enables all TridAnt® protected surfaces to be fully disinfected.

TridAnt® delivers comprehensive protection, effectively eliminating a wide range of pathogens, including E.coli, MRSA, Influenza, Norovirus, Clostridium difficile, and SARS-Cov-2, for the lifetime of the patient. Its long-lasting residual activity disrupts and prevents biofilm formation for the entire lifespan of the device, providing superior benefits.



Biocompatibility Evaluation

TridAnt® Enhanced Antimicrobial is derived from technologies used on FDA-approved and CE-marked medical devices. These technologies have performed for decades without any recall and have been tested to ISO biocompatibility standards, including:



Clinical Applications

TridAnt® Enhanced Antimicrobial offers versatile protection against pathogens on various geometries and substrates. It can be safely applied to soft materials, like silicone and woven/non-woven fabrics, and hard materials, such as metals (stainless steel and nitinol) and polymers (polyamides, polycarbonates, and polyurethanes). The coating is suitable for a wide array of medical device surfaces and can accommodate different dimensions, tolerances, and clearances of medical components and devices. These range from small implants (micrometers) to large systems (over 10 metres).

Clinical Applications Include:



Cardiac Devices



Orthopedic Devices



Endotracheal Tubes



Urinary Catheters



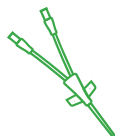
Intraocular Devices



Dentistry Implants



Titanium Cranioplasty



Other Infected Devices