

TridAnt

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 infections and biofilm formation on medical device surfaces.

Antimicrobial Properties



Contact Kill
Mechanism



Full Spectrum
Efficacy



Disrupts &
Prevents Biofilm



Contact 2 Contact
Kill Technology



Sustained
Efficacy For Years



Mechanically &
Chemically Stable

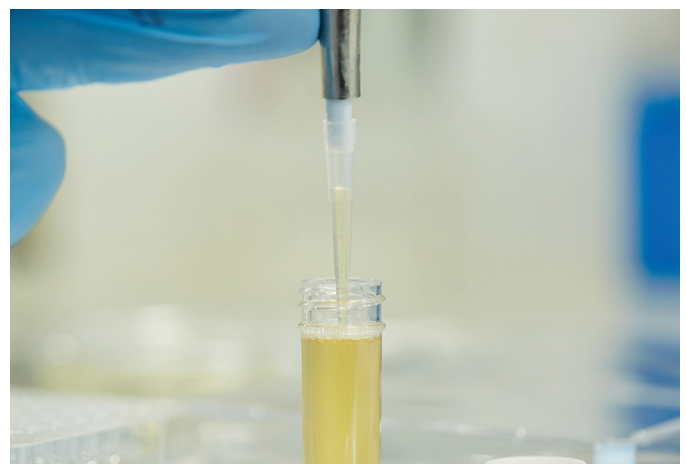


What is TridAnt[®]?

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 kills enveloped (e.g. Influenza, SARS-Cov-2) and non-enveloped viruses (e.g. Norovirus), gram-negative (e.g. E.coli) and gram-positive bacteria (including drug resistant bacteria, e.g. MRSA), yeast and spores (including superbugs, e.g. Clostridium difficile).

TridAnt[®] combines active and passive components to inhibit protein deposition and bacterial adhesion whilst killing pathogens, to provide complete 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 to become disinfected for as long as they are in contact with TridAnt[®].

TridAnt[®] delivers the most effective antimicrobial protection for medical devices and is supported by its mechanical and chemical stability. Its unique sustained activity maintains the superior benefits for decades and ensures protection for the lifetime of the patient. TridAnt[®] technology improves patient safety, enhances device performance and evolves therapeutic benefits for the patients.



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



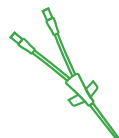
Intraocular Devices



Dentistry Implants



Titanium Cranioplasty



Other Infected Devices