

Antimicrobial Medical Device Coatings Market 2025-2029: Unveiling Growth Developments with the Latest Updates

*The Business Research Company's
Antimicrobial Medical Device Coatings
Market 2025-2029: Unveiling Growth
Developments with the Latest Updates*

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What Is The Expected Cagr For The Antimicrobial Medical Device Coatings Market Through 2025?

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It will grow to \$5.54 billion in 2029 at a compound annual growth rate (CAGR) of 16.7%.”

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In recent times, there has been a quick expansion in the size of the antimicrobial medical device coatings market. It is projected to expand from \$2.67 billion in 2024 to \$2.98 billion in 2025, showing a compound annual growth rate (CAGR) of 11.6%. The notable growth during the historical period can be credited to factors such as the aging population, adherence to regulations, heightened patient consciousness, improvements in healthcare infrastructure, and governmental initiatives.

In the forthcoming years, the market size of antimicrobial medical device coatings is predicted to experience brisk growth. The market is projected to rise to \$5.54 billion in 2029 at a compound annual growth rate (CAGR) of 16.7%. This growth during the forecast period can be associated with emerging markets, an upswing in healthcare-related infections (hais), increased healthcare spending, and environmental concerns. The forecast period is also likely to see major trends such as advancements in nanotechnology, development in multifunctional coatings, integration with IoT, hydrophilic coatings, and a surge in collaborations and partnerships.

Download a free sample of the antimicrobial medical device coatings market report:

What Are The Driving Factors Impacting The Antimicrobial Medical Device Coatings Market?

Growth in the antimicrobial medical device coatings market is being fueled by an increase in cardiovascular diseases in the years ahead. Cardiovascular diseases, known as CVDs, encompass issues related to the heart and blood vessels. Globally, CVDs are the leading cause of death, with 75% of these deaths occurring in low- to middle-income countries. To treat these diseases and disorders, antimicrobial coated cardiovascular devices are utilized. A report released in August 2022 by the American College of Cardiology, a non-profit medical association based in the US, predicts that all four major cardiovascular risk factors will surge from 2025 to 2060 in the United States. The largest proportional growth is expected in diabetes, predicted to increase by 39.3% to impact 55 million people. This is followed by rises in dyslipidemia (27.6% to 126 million), hypertension (25.1% to 162 million), and obesity (18.3% to 126 million). Furthermore, increases in rates of cardiovascular diseases such as stroke (33.8% to 15 million) and heart failure (33.4% to 13 million) are expected, accompanied by ischemic heart disease (30.7% to 29 million) and heart attack (16.9% to 16 million). Hence, the surge in cardiovascular diseases is propelling the expansion of the antimicrobial medical device coatings market.

Which Players Dominate The Antimicrobial Medical Device Coatings Industry Landscape?

Major players in the Antimicrobial Medical Device Coatings include:

- AST Products Inc.
- BioInteractions Ltd.
- Covalon Technologies Ltd.
- Koninklijke DSM N.V.
- Hydromer Inc.
- BASF SE
- Sciescent LLC
- DuPont de Nemours Inc.
- Kraton Corporation
- Sono-Tek Corporation

What Are The Future Trends Of The Antimicrobial Medical Device Coatings Market?

The advancement in technology is increasingly influencing the market for antimicrobial medical device coatings. Major market players in this sector are emphasizing the creation of technological solutions to thwart the proliferation of viruses through antimicrobial medical device coatings. For example, BioInteractions, a biomaterial technology firm based in the UK, rolled out TridAnt in April 2022. This novel coating technology for medical devices signifies a notable transition in the prevention of infection and shields against a wide array of pathogens. TridAnt is made up of active and passive elements that form a non-leaching, effective, safe, and long-lasting antimicrobial coating for medical devices and implants.

Global Antimicrobial Medical Device Coatings Market Segmentation By Type, Application, And

Region

The antimicrobial medical device coatings market covered in this report is segmented –

- 1) By Type of Material: Metallic Coatings, Non Metallic Coatings
- 2) By Device Type: Catheters, Implantable Devices, Surgical Instruments, Other Device Types
- 3) By Application: Orthopedics, General Surgery, Dentistry, Cardiovascular, Gynecology, Other Applications
- 4) By End User: Hospitals, Diagnostic Centers, Ambulatory Surgical Centers

Subsegments:

- 1) By Metallic Coatings: Silver Coatings, Copper Coatings, Zinc Coatings, Titanium Coatings
- 2) By Non-Metallic Coatings: Polymer Coatings, Hydrogel Coatings, Antimicrobial Peptide Coatings, Silane Coatings

View the full antimicrobial medical device coatings market report:

<https://www.thebusinessresearchcompany.com/report/antimicrobial-medical-device-coatings-global-market-report>

Which Region Holds The Largest Market Share In The Antimicrobial Medical Device Coatings Market?

In 2024, North America held the leading position in the antimicrobial medical device coatings market, with Europe following as the second most significant market. The report on this specific market incorporates data from several regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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