Orthopedic implants containing antibacterial coating inhibits the growth of microorganism on the implants to prevent infection within the body. Growth in awareness regarding bacterial infections, increase in demand for coated implants to prevent infection, and rise in prevalence of bacterial infections drive the market growth. However, health concerns using titanium as a coating material for implants and high cost of coatings restrain the market growth. Moreover, development of effective antibacterial implants and growth opportunities in the emerging economies of Asia-Pacific and LAMEA are expected to provide numerous opportunities for the market growth during the forecast period.

The global Orthopedic Implant Antibacterial Coatings Surface Treatment market is valued at xx million US$ in 2018 and will reach xx million US$ by the end of 2025, growing at a CAGR of xx% during 2019-2025. The objectives of this study are to define, segment, and project the size of the Orthopedic Implant Antibacterial Coatings Surface Treatment market based on company, product type, end user and key regions.

This report studies the global market size of Orthopedic Implant Antibacterial Coatings Surface Treatment in key regions like North America, Europe, Asia Pacific, Central & South America and Middle East & Africa, focuses on the consumption of Orthopedic Implant Antibacterial Coatings Surface Treatment in these regions.

This research report categorizes the global Orthopedic Implant Antibacterial Coatings Surface Treatment market by top players/brands, region, type and end user. This report also studies the global Orthopedic Implant Antibacterial Coatings Surface Treatment market status, competition landscape, market share, growth rate, future trends, market drivers, opportunities and challenges, sales channels and distributors.

The following manufacturers are covered in this report, with sales, revenue, market share for each company:
- aap Implantate AG
- AST Products, Inc.
- Specialty Coating Systems, Inc.
- Sciessent LLC
- BioCote Limited
- Sciessent LLC
- Covalon Technologies Ltd.
- DOT GmbH
- Koninklijke DSM N.V.
- Hydromer Inc.
- Harland Medical Systems, Inc.

Market size by Product
- Passive Surface Finishing/Modifications (PSM)
- Active Surface Finishing/Modifications (ASM)
- Peri-Operative Antibacterial Local Carriers or Coatings (LCC)

Market size by End User
- Orthopedic Implants
- Dental Implants
- Neurovascular Implants
- Cardiac Implants
- Others

Market size by Region
- North America
- United States
- Canada
- Mexico
- Asia-Pacific
- China
- India
- Japan
- South Korea
- Australia
- Indonesia
- Singapore
- Malaysia
- Philippines
- Thailand
- Vietnam
- Europe
- Germany
- France
- UK
- Italy
- Spain
- Russia
- Central & South America
The study objectives of this report are:
To study and analyze the global Orthopedic Implant Antibacterial Coatings Surface Treatment market size (value & volume) by company, key regions, products and end user, breakdown data from 2014 to 2018, and forecast to 2025.
To understand the structure of Orthopedic Implant Antibacterial Coatings Surface Treatment market by identifying its various subsegments.
To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).
Focuses on the key global Orthopedic Implant Antibacterial Coatings Surface Treatment companies, to define, describe and analyze the sales volume, value, market share, market competition landscape and recent development.
To project the value and sales volume of Orthopedic Implant Antibacterial Coatings Surface Treatment submarkets, with respect to key regions.
To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.
In this study, the years considered to estimate the market size of Orthopedic Implant Antibacterial Coatings Surface Treatment are as follows:
History Year: 2014-2018
Base Year: 2018
Estimated Year: 2019
Forecast Year 2019 to 2025
This report includes the estimation of market size for value (million US$) and volume (K Units). Both top-down and bottom-up approaches have been used to estimate and validate the market size of Orthopedic Implant Antibacterial Coatings Surface Treatment market, to estimate the size of various other dependent submarkets in the overall market. Key players in the market have been identified through secondary research, and their market shares have been determined through primary and secondary research. All percentage shares, splits, and breakdowns have been determined using secondary sources and verified primary sources.
For the data information by region, company, type and application, 2018 is considered as the base year. Whenever data information was unavailable for the base year, the prior year has been considered.

Contents:

Table of Contents

1 Study Coverage
  1.1 Orthopedic Implant Antibacterial Coatings Surface Treatment Product
  1.2 Market Segments
  1.3 Key Manufacturers Covered
  1.4 Market by Type
    1.4.1 Global Orthopedic Implant Antibacterial Coatings Surface Treatment Market Size Growth Rate by Product
    1.4.2 Passive Surface Finishing/Modifications (PSM)
    1.4.3 Active Surface Finishing/Modifications (ASM)
    1.4.4 Peri-Operative Antibacterial Local Carriers or Coatings (LCC)
  1.5 Market by End User
    1.5.1 Global Orthopedic Implant Antibacterial Coatings Surface Treatment Market Size Growth Rate by End User
    1.5.2 Orthopedic Implants
    1.5.3 Dental Implants
    1.5.4 Neurovascular Implants
    1.5.5 Cardiac Implants
    1.5.6 Others
  1.6 Study Objectives
  1.7 Years Considered

2 Executive Summary
  2.1 Global Orthopedic Implant Antibacterial Coatings Surface Treatment Market Size
    2.1.1 Global Orthopedic Implant Antibacterial Coatings Surface Treatment Revenue 2014-2025
    2.1.2 Global Orthopedic Implant Antibacterial Coatings Surface Treatment Sales 2014-2025
  2.2 Orthopedic Implant Antibacterial Coatings Surface Treatment Growth Rate by Regions
    2.2.1 Global Orthopedic Implant Antibacterial Coatings Surface Treatment Sales by Regions
    2.2.2 Global Orthopedic Implant Antibacterial Coatings Surface Treatment Revenue by Regions

3 Breakdown Data by Manufacturers
  3.1 Orthopedic Implant Antibacterial Coatings Surface Treatment Sales by Manufacturers
    3.1.1 Orthopedic Implant Antibacterial Coatings Surface Treatment Sales by Manufacturers
    3.1.2 Orthopedic Implant Antibacterial Coatings Surface Treatment Sales Market Share by Manufacturers
    3.1.3 Global Orthopedic Implant Antibacterial Coatings Surface Treatment Market Concentration Ratio (CR5 and HHI)
  3.2 Orthopedic Implant Antibacterial Coatings Surface Treatment Revenue by Manufacturers
    3.2.1 Orthopedic Implant Antibacterial Coatings Surface Treatment Revenue by Manufacturers (2014-2019)
    3.2.2 Orthopedic Implant Antibacterial Coatings Surface Treatment Revenue Share by Manufacturers (2014-2019)
  3.3 Orthopedic Implant Antibacterial Coatings Surface Treatment Price by Manufacturers
  3.4 Orthopedic Implant Antibacterial Coatings Surface Treatment Manufacturing Base Distribution, Product Types
    3.4.1 Orthopedic Implant Antibacterial Coatings Surface Treatment Manufacturers Manufacturing Base Distribution, Headquarters
    3.4.2 Manufacturers Orthopedic Implant Antibacterial Coatings Surface Treatment Product Type
    3.4.3 Date of International Manufacturers Enter into Orthopedic Implant Antibacterial Coatings Surface Treatment Market
  3.5 Manufacturers Mergers & Acquisitions, Expansion Plans

4 Breakdown Data by Product
  4.1 Global Orthopedic Implant Antibacterial Coatings Surface Treatment Sales by Product
4.2 Global Orthopedic Implant Antibacterial Coatings Surface Treatment Revenue by Product
4.3 Orthopedic Implant Antibacterial Coatings Surface Treatment Price by Product

5 Breakdown Data by End User
5.1 Overview
5.2 Global Orthopedic Implant Antibacterial Coatings Surface Treatment Breakdown Data by End User

6 North America
6.1 North America Orthopedic Implant Antibacterial Coatings Surface Treatment by Countries
   6.1.1 North America Orthopedic Implant Antibacterial Coatings Surface Treatment Sales by Countries
   6.1.2 North America Orthopedic Implant Antibacterial Coatings Surface Treatment Revenue by Countries
   6.1.3 United States
   6.1.4 Canada
   6.1.5 Mexico
6.2 North America Orthopedic Implant Antibacterial Coatings Surface Treatment by Product
6.3 North America Orthopedic Implant Antibacterial Coatings Surface Treatment by End User

7 Europe
7.1 Europe Orthopedic Implant Antibacterial Coatings Surface Treatment by Countries
   7.1.1 Europe Orthopedic Implant Antibacterial Coatings Surface Treatment Sales by Countries
   7.1.2 Europe Orthopedic Implant Antibacterial Coatings Surface Treatment Revenue by Countries
   7.1.3 Germany
   7.1.4 France
   7.1.5 UK
   7.1.6 Italy
   7.1.7 Russia
7.2 Europe Orthopedic Implant Antibacterial Coatings Surface Treatment by Product
7.3 Europe Orthopedic Implant Antibacterial Coatings Surface Treatment by End User

8 Asia Pacific
8.1 Asia Pacific Orthopedic Implant Antibacterial Coatings Surface Treatment by Countries
   8.1.1 Asia Pacific Orthopedic Implant Antibacterial Coatings Surface Treatment Sales by Countries
   8.1.2 Asia Pacific Orthopedic Implant Antibacterial Coatings Surface Treatment Revenue by Countries
   8.1.3 China
   8.1.4 Japan
   8.1.5 Korea
   8.1.6 India
   8.1.7 Australia
   8.1.8 Indonesia
   8.1.9 Malaysia
   8.1.10 Philippines
   8.1.11 Thailand
   8.1.12 Vietnam
   8.1.13 Singapore
8.2 Asia Pacific Orthopedic Implant Antibacterial Coatings Surface Treatment by Product
8.3 Asia Pacific Orthopedic Implant Antibacterial Coatings Surface Treatment by End User

9 Central & South America
9.1 Central & South America Orthopedic Implant Antibacterial Coatings Surface Treatment by Countries
   9.1.1 Central & South America Orthopedic Implant Antibacterial Coatings Surface Treatment Sales by Countries
   9.1.2 Central & South America Orthopedic Implant Antibacterial Coatings Surface Treatment Revenue by Countries
   9.1.3 Brazil
9.2 Central & South America Orthopedic Implant Antibacterial Coatings Surface Treatment by Product
9.3 Central & South America Orthopedic Implant Antibacterial Coatings Surface Treatment by End User

10 Middle East and Africa
10.1 Middle East and Africa Orthopedic Implant Antibacterial Coatings Surface Treatment by Countries
   10.1.1 Middle East and Africa Orthopedic Implant Antibacterial Coatings Surface Treatment Sales by Countries
   10.1.2 Middle East and Africa Orthopedic Implant Antibacterial Coatings Surface Treatment Revenue by Countries
   10.1.3 GCC Countries
   10.1.4 Turkey
   10.1.5 Egypt
   10.1.6 South Africa
10.2 Middle East and Africa Orthopedic Implant Antibacterial Coatings Surface Treatment by Product
10.3 Middle East and Africa Orthopedic Implant Antibacterial Coatings Surface Treatment by End User

11 Company Profiles
11.1 aap Implantate AG
   11.1.1 aap Implantate AG Company Details
   11.1.2 Company Business Overview
   11.1.3 aap Implantate AG Orthopedic Implant Antibacterial Coatings Surface Treatment Sales, Revenue and Gross Margin (2014-2019)
   11.1.4 aap Implantate AG Orthopedic Implant Antibacterial Coatings Surface Treatment Products Offered
   11.1.5 aap Implantate AG Recent Development
11.2 AST Products, Inc.
   11.2.1 AST Products, Inc. Company Details
   11.2.2 Company Business Overview
   11.2.3 AST Products, Inc. Orthopedic Implant Antibacterial Coatings Surface Treatment Sales, Revenue and Gross Margin (2014-2019)
   11.2.4 AST Products, Inc. Orthopedic Implant Antibacterial Coatings Surface Treatment Products Offered
   11.2.5 AST Products, Inc. Recent Development
11.3 Specialty Coating Systems, Inc.
   11.3.1 Specialty Coating Systems, Inc. Company Details
   11.3.2 Company Business Overview
   11.3.3 Specialty Coating Systems, Inc. Orthopedic Implant Antibacterial Coatings Surface Treatment Sales,

- 11.3.4 Specialty Coating Systems, Inc. Orthopedic Implant Antibacterial Coatings Surface Treatment Products Offered
- 11.3.5 Specialty Coating Systems, Inc. Recent Development

11.4 Sciessent LLC
- 11.4.1 Sciessent LLC Company Details
- 11.4.2 Company Business Overview
- 11.4.3 Sciessent LLC Orthopedic Implant Antibacterial Coatings Surface Treatment Sales, Revenue and Gross Margin (2014-2019)
- 11.4.4 Sciessent LLC Orthopedic Implant Antibacterial Coatings Surface Treatment Products Offered
- 11.4.5 Sciessent LLC Recent Development

11.5 Biocote Limited
- 11.5.1 Biocote Limited Company Details
- 11.5.2 Company Business Overview
- 11.5.3 Biocote Limited Orthopedic Implant Antibacterial Coatings Surface Treatment Sales, Revenue and Gross Margin (2014-2019)
- 11.5.4 Biocote Limited Orthopedic Implant Antibacterial Coatings Surface Treatment Products Offered
- 11.5.5 Biocote Limited Recent Development

11.6 Sciessent LLC
- 11.6.1 Sciessent LLC Company Details
- 11.6.2 Company Business Overview
- 11.6.3 Sciessent LLC Orthopedic Implant Antibacterial Coatings Surface Treatment Sales, Revenue and Gross Margin (2014-2019)
- 11.6.4 Sciessent LLC Orthopedic Implant Antibacterial Coatings Surface Treatment Products Offered
- 11.6.5 Sciessent LLC Recent Development

11.7 Covalon Technologies Ltd.
- 11.7.1 Covalon Technologies Ltd. Company Details
- 11.7.2 Company Business Overview
- 11.7.3 Covalon Technologies Ltd. Orthopedic Implant Antibacterial Coatings Surface Treatment Sales, Revenue and Gross Margin (2014-2019)
- 11.7.4 Covalon Technologies Ltd. Orthopedic Implant Antibacterial Coatings Surface Treatment Products Offered
- 11.7.5 Covalon Technologies Ltd. Recent Development

11.8 DOT GmbH
- 11.8.1 DOT GmbH Company Details
- 11.8.2 Company Business Overview
- 11.8.4 DOT GmbH Orthopedic Implant Antibacterial Coatings Surface Treatment Products Offered
- 11.8.5 DOT GmbH Recent Development

11.9 Koninklijke DSM N.V.
- 11.9.1 Koninklijke DSM N.V. Company Details
- 11.9.2 Company Business Overview
- 11.9.4 Koninklijke DSM N.V. Orthopedic Implant Antibacterial Coatings Surface Treatment Products Offered
- 11.9.5 Koninklijke DSM N.V. Recent Development

11.10 Hydromer Inc.
- 11.10.1 Hydromer Inc. Company Details
- 11.10.2 Company Business Overview
- 11.10.4 Hydromer Inc. Orthopedic Implant Antibacterial Coatings Surface Treatment Products Offered
- 11.10.5 Hydromer Inc. Recent Development

11.11 Harland Medical Systems, Inc.

12 Future Forecast

- 12.1 Orthopedic Implant Antibacterial Coatings Surface Treatment Market Forecast by Regions
  - 12.1.1 Global Orthopedic Implant Antibacterial Coatings Surface Treatment Sales Forecast by Regions 2019-2025
  - 12.1.2 Global Orthopedic Implant Antibacterial Coatings Surface Treatment Revenue Forecast by Regions 2019-2025

- 12.2 Orthopedic Implant Antibacterial Coatings Surface Treatment Market Forecast by Product
  - 12.2.1 Global Orthopedic Implant Antibacterial Coatings Surface Treatment Sales Forecast by Product 2019-2025
  - 12.2.2 Global Orthopedic Implant Antibacterial Coatings Surface Treatment Revenue Forecast by Product 2019-2025

- 12.3 Orthopedic Implant Antibacterial Coatings Surface Treatment Market Forecast by End User
- 12.4 North America Orthopedic Implant Antibacterial Coatings Surface Treatment Forecast
- 12.5 Europe Orthopedic Implant Antibacterial Coatings Surface Treatment Forecast
- 12.6 Asia Pacific Orthopedic Implant Antibacterial Coatings Surface Treatment Forecast
- 12.7 Central & South America Orthopedic Implant Antibacterial Coatings Surface Treatment Forecast
- 12.8 Middle East and Africa Orthopedic Implant Antibacterial Coatings Surface Treatment Forecast

13 Market Opportunities, Challenges, Risks and Influences Factors Analysis

- 13.1 Market Opportunities and Drivers
- 13.2 Market Challenges
- 13.3 Market Risks/Restraints
- 13.4 Macroscopic Indicators

14 Value Chain and Sales Channels Analysis

- 14.1 Value Chain Analysis
- 14.2 Orthopedic Implant Antibacterial Coatings Surface Treatment Customers
- 14.3 Sales Channels Analysis
  - 14.3.1 Sales Channels
  - 14.3.2 Distributors
15 Research Findings and Conclusion
16 Appendix
- 16.1 Research Methodology
  - 16.1.1 Methodology/Research Approach
  - 16.1.2 Data Source
- 16.2 Author Details