

Global Biodegradable Stents Market Size study, by Stent Type (Coronary Artery Stents, Peripheral Artery Stents), by Material Type (Polymer-based, Metalbased), by End-User (Hospitals, Cardiac Catheterization Laboratories, Ambulatory Surgery Centers), and Regional Forecasts 2022-2032

https://marketpublishers.com/r/GD45C8371924EN.html

Date: July 2024 Pages: 200 Price: US\$ 4,950.00 (Single User License) ID: GD45C8371924EN

Abstracts

Global Biodegradable Stents Market is valued approximately at USD 351.6 million in 2023 and is anticipated to grow with a healthy growth rate of more than 7.8% over the forecast period 2024-2034. Biodegradable stents are advanced medical devices designed to temporarily support blood vessels or other tubular structures in the body, such as the esophagus or bile ducts, and then gradually dissolve once their purpose is fulfilled. These stents are particularly useful in treating conditions like coronary artery disease, where they help keep arteries open after they have been widened through a procedure known as angioplasty. The high prevalence of cardiovascular diseases is significantly augmenting the market. Bioresorbable vascular stents offer an effective treatment for cardiovascular conditions, providing an immediate angiographic result similar to that of traditional metal stents. The ongoing research and development of fully bioresorbable stents are creating lucrative opportunities for market growth. These stents have the potential to meet the unmet needs for superior devices, particularly in below-the-knee lesions.

Moreover, Vendors are continuously innovating with biodegradable stent materials and designs to reduce restenosis rates. These materials are utilized to develop drug-eluting bioresorbable scaffolds, combining the advantages of metallic drug-eluting stents without leaving a permanent implant. Biodegradable stents, or bioresorbable stents, are crucial in opening and widening clogged heart arteries. Manufactured from materials



that dissolve or are absorbed into the body, these stents address the issue of instent restenosis, where scar tissue forms under the stent, causing the artery to narrow again. Researchers globally are investigating biodegradable polymeric vascular stents, which offer clinical potential due to their degradability. These stents are designed to degrade after vascular healing, allowing arteries to regain their normal elasticity. Investment in 3D printing technology for personalized biodegradable stent design is accelerating the development process and reducing time to market. However, High cost of biodegradable stents and regulatory hurdles are hindering the market growth over the forecast period 2024-2032.

The key regions considered for the Global Biodegradable Stents Market study include Asia Pacific, North America, Europe, Latin America, and Middle East and Afirca. In 2023, Europe dominated the market due to the high prevalence of cardiovascular diseases and significant advancements in stent technology. Cardiovascular diseases remain the leading cause of death in the European Union, accounting for nearly onethird of all deaths. The Asia Pacific region is expected to grow steadily from 2024 to 2034, driven by a favorable regulatory environment, foreign investments, and government initiatives promoting awareness and timely treatment of heart diseases.

Major market players included in this report are:

Boston Scientific, Inc.

Abbott

Elixir Medical Corporation

Kyoto Medical Planning Co., Ltd.

Biotronik

Terumo Corporation

Biosensors International Group

ELLA - CS, s.r.o.

Medtronic plc



Boston Scientific Corporation

Meril Life Sciences Pvt. Ltd.

Terumo Corporation

Zorion Medical

Lepu Medical Technology (Beijing) Co., Ltd.

Microport Scientific Corporation

The detailed segments and sub-segment of the market are explained below:

By Stent Type:

Coronary Artery Stents

Peripheral Artery Stents

By Material Type:

Polymer-based

Metal-based

By End-user:

Hospitals

Cardiac Catheterization Laboratories

Ambulatory Surgery Centers

Common content for Report Description:

By Region:

North America

Global Biodegradable Stents Market Size study, by Stent Type (Coronary Artery Stents, Peripheral Artery Stents...



U.S.	
Canada	
Europe	
UK	
Germany	
France	
Spain	
Italy	
ROE	
Asia Pacific	
China	
India	
Japan	
Australia	
South Korea	
RoAPAC	
Latin America	
Brazil	
Mexico	



Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year - 2022

Base year - 2023

Forecast period - 2024 to 2034

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.



Contents

CHAPTER 1. GLOBAL BIODEGRADABLE STENTS MARKET EXECUTIVE SUMMARY

- 1.1. Global Biodegradable Stents Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
- 1.3.1. By Stent Type
- 1.3.2. By Material Type
- 1.3.3. By End-user
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL BIODEGRADABLE STENTS MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL BIODEGRADABLE STENTS MARKET DYNAMICS



- 3.1. Market Drivers
 - 3.1.1. Rise in prevalence of cardiovascular diseases
 - 3.1.2. R&D of biodegradable coronary stents
 - 3.1.3. Advancements in biodegradable stent materials
- 3.2. Market Challenges
 - 3.2.1. High cost of biodegradable stents
 - 3.2.2. Limitations in usage
- 3.3. Market Opportunities
 - 3.3.1. Technological advancements in stent designs
 - 3.3.2. Government initiatives promoting awareness
 - 3.3.3. Investment in 3D printing technology

CHAPTER 4. GLOBAL BIODEGRADABLE STENTS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model
 - 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal
- 4.3. Top investment opportunity
- 4.4. Top winning strategies
- 4.5. Disruptive Trends
- 4.6. Industry Expert Perspective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL BIODEGRADABLE STENTS MARKET SIZE & FORECASTS BY STENT TYPE 2022-2032



5.1. Segment Dashboard

5.2. Global Biodegradable Stents Market: Stent Type Revenue Trend Analysis, 2022 & 2032 (USD Million)

- 5.2.1. Coronary Artery Stents
- 5.2.2. Peripheral Artery Stents

CHAPTER 6. GLOBAL BIODEGRADABLE STENTS MARKET SIZE & FORECASTS BY MATERIAL TYPE 2022-2032

- 6.1. Segment Dashboard
- 6.2. Global Biodegradable Stents Market: Material Type Revenue Trend Analysis, 2022& 2032 (USD Million)
- 6.2.1. Polymer-based
- 6.2.2. Metal-based

CHAPTER 7. GLOBAL BIODEGRADABLE STENTS MARKET SIZE & FORECASTS BY END-USER 2022-2032

7.1. Segment Dashboard

7.2. Global Biodegradable Stents Market: End-user Revenue Trend Analysis, 2022 & 2032 (USD Million)

- 7.2.1. Hospitals
- 7.2.2. Cardiac Catheterization Laboratories
- 7.2.3. Ambulatory Surgery Centers

CHAPTER 8. GLOBAL BIODEGRADABLE STENTS MARKET SIZE & FORECASTS BY REGION 2022-2032

- 8.1. North America Biodegradable Stents Market
 - 8.1.1. U.S. Biodegradable Stents Market
 - 8.1.1.1. Stent Type breakdown size & forecasts, 2022-2032
 - 8.1.1.2. Material Type breakdown size & forecasts, 2022-2032
 - 8.1.1.3. End-user breakdown size & forecasts, 2022-2032
- 8.1.2. Canada Biodegradable Stents Market
- 8.2. Europe Biodegradable Stents Market
- 8.2.1. U.K. Biodegradable Stents Market
- 8.2.2. Germany Biodegradable Stents Market
- 8.2.3. France Biodegradable Stents Market

Global Biodegradable Stents Market Size study, by Stent Type (Coronary Artery Stents, Peripheral Artery Stents...



- 8.2.4. Spain Biodegradable Stents Market
- 8.2.5. Italy Biodegradable Stents Market
- 8.2.6. Rest of Europe Biodegradable Stents Market
- 8.3. Asia-Pacific Biodegradable Stents Market
- 8.3.1. China Biodegradable Stents Market
- 8.3.2. India Biodegradable Stents Market
- 8.3.3. Japan Biodegradable Stents Market
- 8.3.4. Australia Biodegradable Stents Market
- 8.3.5. South Korea Biodegradable Stents Market
- 8.3.6. Rest of Asia Pacific Biodegradable Stents Market
- 8.4. Latin America Biodegradable Stents Market
 - 8.4.1. Brazil Biodegradable Stents Market
 - 8.4.2. Mexico Biodegradable Stents Market
- 8.4.3. Rest of Latin America Biodegradable Stents Market
- 8.5. Middle East & Africa Biodegradable Stents Market
 - 8.5.1. Saudi Arabia Biodegradable Stents Market
 - 8.5.2. South Africa Biodegradable Stents Market
 - 8.5.3. Rest of Middle East & Africa Biodegradable Stents Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies

9.3. Company Profiles

- 9.3.1. Boston Scientific, Inc.
- 9.3.1.1. Key Information
- 9.3.1.2. Overview
- 9.3.1.3. Financial (Subject to Data Availability)
- 9.3.1.4. Product Summary
- 9.3.1.5. Market Strategies
- 9.3.2. Abbott
- 9.3.3. Elixir Medical Corporation
- 9.3.4. Kyoto Medical Planning Co., Ltd.
- 9.3.5. Biotronik
- 9.3.6. Terumo Corporation
- 9.3.7. Biosensors International Group



- 9.3.8. ELLA CS, s.r.o.
- 9.3.9. Medtronic plc
- 9.3.10 Boston Scientific Corporation
- 9.3.11 Meril Life Sciences Pvt. Ltd.
- 9.3.12 Terumo Corporation
- 9.3.13 Zorion Medical
- 9.3.14 Lepu Medical Technology (Beijing) Co., Ltd.
- 9.3.15 Microport Scientific Corporation

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes



List Of Tables

LIST OF TABLES

TABLE 1. Global Biodegradable Stents market, report scope TABLE 2. Global Biodegradable Stents market estimates & forecasts by Region 2022-2032 (USD Million) TABLE 3. Global Biodegradable Stents market estimates & forecasts by Stent Type 2022-2032 (USD Million) TABLE 4. Global Biodegradable Stents market estimates & forecasts by Material Type 2022-2032 (USD Million) TABLE 5. Global Biodegradable Stents market by segment, estimates & forecasts, 2022-2032 (USD Million) TABLE 6. Global Biodegradable Stents market by region, estimates & forecasts, 2022-2032 (USD Million) TABLE 7. Global Biodegradable Stents market by segment, estimates & forecasts, 2022-2032 (USD Million) TABLE 8. Global Biodegradable Stents market by region, estimates & forecasts, 2022-2032 (USD Million) TABLE 9. Global Biodegradable Stents market by segment, estimates & forecasts, 2022-2032 (USD Million) TABLE 10. Global Biodegradable Stents market by region, estimates & forecasts, 2022-2032 (USD Million) TABLE 11. Global Biodegradable Stents market by segment, estimates & forecasts, 2022-2032 (USD Million) TABLE 12. Global Biodegradable Stents market by region, estimates & forecasts, 2022-2032 (USD Million) TABLE 13. Global Biodegradable Stents market by segment, estimates & forecasts, 2022-2032 (USD Million) TABLE 14. Global Biodegradable Stents market by region, estimates & forecasts, 2022-2032 (USD Million) TABLE 15. U.S. Biodegradable Stents market estimates & forecasts, 2022-2032 (USD Million) TABLE 16. U.S. Biodegradable Stents market estimates & forecasts by segment 2022-2032 (USD Million) TABLE 17. U.S. Biodegradable Stents market estimates & forecasts by segment 2022-2032 (USD Million) TABLE 18. Canada Biodegradable Stents market estimates & forecasts, 2022-2032 (USD Million)



TABLE 19. Canada Biodegradable Stents market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 20. Canada Biodegradable Stents market estimates & forecasts by segment 2022-2032 (USD Million)

.

This list is not complete; the final report contains more than 100 tables. The list may be updated in the final deliverable.



List Of Figures

LIST OF FIGURES

FIG 1. Global Biodegradable Stents market, research methodology FIG 2. Global Biodegradable Stents market, market estimation techniques FIG 3. Global market size estimates & forecast methods. FIG 4. Global Biodegradable Stents market, key trends 2023 FIG 5. Global Biodegradable Stents market, growth prospects 2022-2032 FIG 6. Global Biodegradable Stents market, porters 5 force model FIG 7. Global Biodegradable Stents market, PESTEL analysis FIG 8. Global Biodegradable Stents market, value chain analysis FIG 9. Global Biodegradable Stents market by segment, 2022 & 2032 (USD Million) FIG 10. Global Biodegradable Stents market by segment, 2022 & 2032 (USD Million) FIG 11. Global Biodegradable Stents market by segment, 2022 & 2032 (USD Million) FIG 12. Global Biodegradable Stents market by segment, 2022 & 2032 (USD Million) FIG 13. Global Biodegradable Stents market by segment, 2022 & 2032 (USD Million) FIG 14. Global Biodegradable Stents market, regional snapshot 2022 & 2032 FIG 15. North America Biodegradable Stents market 2022 & 2032 (USD Million) FIG 16. Europe Biodegradable Stents market 2022 & 2032 (USD Million) FIG 17. Asia pacific Biodegradable Stents market 2022 & 2032 (USD Million) FIG 18. Latin America Biodegradable Stents market 2022 & 2032 (USD Million) FIG 19. Middle East & Africa Biodegradable Stents market 2022 & 2032 (USD Million) FIG 20. Global Biodegradable Stents market, company market share analysis (2023)

This list is not complete; the final report contains more than 50 figures. The list may be updated in the final deliverable.



I would like to order

Product name: Global Biodegradable Stents Market Size study, by Stent Type (Coronary Artery Stents, Peripheral Artery Stents), by Material Type (Polymer-based, Metal-based), by End-User (Hospitals, Cardiac Catheterization Laboratories, Ambulatory Surgery Centers), and Regional Forecasts 2022-2032

Product link: https://marketpublishers.com/r/GD45C8371924EN.html

Price: US\$ 4,950.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/GD45C8371924EN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

**All fields are required

Custumer signature ____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>



To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970