Bioresorbable Scaffolds Market Research Report- Forecast To 2023

Description:

Bioresorbable Scaffolds Market Research Report, by Material (absorbable magnesium stent (AMS), polymeric scaffold, poly carbonate scaffold and others), by Types (drug eluting coronary scaffolds, everolimus-eluting device, novolimus-eluting device, sirolimus-eluting device, paclitaxel-eluting device), by Applications (peripheral vascular intervention, regulation of blood flow and others) by End Users (hospitals, clinics and others) - Global Forecast till 2023

Market Scenario

Bioresorbable scaffolds are medical devices used during numerous surgeries, as required when one suffers from coronary artery disease; bioresorbable scaffolds are recently introduced medical devices. Major driving factors for the growth of this market are increasing prevalence of cardiovascular disease, diabetes, obesity, poor diet and lack of exercise. According to WHO (2014), cardiovascular diseases accounted for a majority of deaths globally. Moreover, number of obese population across the globe is rising continuously. In 2014, globally 39% of adults aged 18 years and above were overweight, whereas 13% were obese. Furthermore, rapid development in devices used for the cardiovascular surgeries, rising demand for bioresorbable scaffolds, adoption of desk-bound lifestyle, and government’s support for research and development of better medical devices has fuelled the market’s growth. However, availability of alternative therapies and high cost of the bioresorbable scaffolds may slower the growth of this market.

Global bioresorbable scaffolds market is expected to grow at a CAGR of 18.9% during forecasted period of 2017-2023.

Figure 1- Global Bioresorbable Scaffolds Market Share by region, 2016 (%)
Medical devices manufacturing companies
Research and development (R&D) companies
Government and independent research laboratories
Government and independent regulatory authorities
Academic medical institutes and universities
Pharmaceutical industries

Segmentation
The bioresorbable scaffolds market is segmented on the basis of material, types, application and end users. On the basis of material, the market is classified into absorbable magnesium stent (AMS), polymeric scaffold, poly carbonate scaffold and others. On the basis of types, the market is segmented into drug eluting coronary scaffolds, everolimus-eluting device, novolimus-eluting device, sirolimus-eluting device, and paclitaxel-eluting device. On the basis of application, the market is segmented into peripheral vascular intervention, regulation of blood flow and others. On the basis of end users, the market is categorised into hospitals, clinics and others.

Market Assessment

Annual reports, World Health Organization (WHO), Centres for Disease Control and Prevention, White Paper, Company Presentation

Regional Analysis
The global bioresorbable scaffolds market is dominated by America, owing to the presence of huge population suffering from cardiovascular diseases, presence of number of leading companies and increasing geriatric population. Moreover, increasing obese and diabetic population, lack of exercise, increasing stress and desk-bound lifestyle have provided a push for the growth of the market. Europe has the second largest market, which is followed by Asia Pacific. Asia Pacific accounts for the fastest growing market, due to rapid development in technology and a huge number of patients suffering from different vascular diseases. The Middle East & Africa accounts the least share in global bioresorbable scaffolds market.

Key Players
Some of the key player for the market are Abbott (US), Medtronic (UK), Boston Scientific Corporation (US), Biotronik (Germany), Elixir Medical Corporation (US), REVA Medical, Inc (US), Amaranth Medical, Inc. (US), Kyoto Medical Planning Co. Ltd. (Japan), Xenogenics Corporation (US), B. Braun (Germany), Cardinal Health. (US), Lombard Medical, Inc (UK), Translumina (Germany), MicroPort Scientific Corporation (China) and TERUMO CORPORATION (Japan).
2.1 Introduction
2.2 Scope of Study
2.3 Research Objective
2.4 Assumptions & Limitations
2.4.1 Assumptions
2.4.2 Limitations

3 Research Methodology
3.1 Research Process
3.2 Primary Research
3.3 Secondary Research

4 Market Dynamics
4.1 Drivers
4.2 Restraints

5 Market Factor Analysis
5.1 Porter’s Five Forces Model
5.1.1 Bargaining Power of Suppliers
5.1.2 Bargaining Power of Buyers
5.1.3 Threat of New Entrants
5.1.4 Threat of Substitutes
5.1.5 Intensity of Rivalry
5.2 Supply Chain Analysis

6. Global Bioresorbable Scaffolds Market, by Material
6.1 Absorbable Magnesium Stent (AMS)
6.2 Polymeric Scaffold
6.3 Poly Carbonate Scaffold
6.4 Others

7. Global Bioresorbable Scaffolds Market, by Types
7.1 Drug Eluting Coronary Scaffolds
7.2 Everolimus-Eluting Device
7.3 Novolimus-Eluting Device
7.4 Sirolimus-Eluting Device
7.5 Paclitaxel-Eluting Device

8. Global Bioresorbable Scaffolds Market, by Application
8.1 Peripheral Vascular Intervention
8.2 Regulation of Blood Flow
8.3 Others

9. Global Bioresorbable Scaffolds Market, by End User
9.1 Hospitals
9.2 Clinics
9.3 Others

10. Global Bioresorbable Scaffolds Market, by Region
10.1 Introduction
10.2 America
10.2.1 North America
10.2.1.1 US
10.2.1.2 Canada
10.2.2 South America
10.3 Europe
12.5.2 Product/Business Segment Overview
12.5.3 Financial Updates
12.5.4 Key Developments
12.6 REVA Medical, Inc.
12.6.1 Overview
12.6.2 Product/Business Segment Overview
12.6.3 Financial Updates
12.6.4 Key Developments
12.7 Kyoto Medical Planning Co. Ltd.
12.7.1 Overview
12.7.2 Product/Business Segment Overview
12.7.3 Financial Updates
12.7.4 Key Developments
12.8 Xenogenics Corporation
12.8.1 Overview
12.8.2 Product/Business Segment Overview
12.8.3 Financial Updates
12.8.4 Key Developments
12.9 B. Braun
12.9.1 Overview
12.9.2 Product/Business Segment Overview
12.9.3 Financial Updates
12.9.4 Key Developments
12.9 Others
13 Conclusion
13.1 Key Findings
13.1.1 From CEO’s Viewpoint
13.1.2 Unmet Needs of the Market
13.2 Key Companies to Watch
13.3 Prediction of Medical Device Industry
14 Appendix

LIST OF TABLES
Table 1 Bioresorbable Scaffolds Industry Synopsis, 2017–2023
Table 2 Global Bioresorbable Scaffolds Market Estimates & Forecast, 2017–2023, (USD Million)
Table 3 Global Bioresorbable Scaffolds Market, by Region, 2017–2023, (USD Million)
Table 4 Global Bioresorbable Scaffolds Market, by Material, 2017–2023, (USD Million)
Table 5 Global Bioresorbable Scaffolds Market, by Type, 2017–2023, (USD Million)
Table 6 Global Bioresorbable Scaffolds Market, by Application, 2017–2023, (USD Million)
Table 7 Global Bioresorbable Scaffolds Market, by End-User, 2017–2023, (USD Million)
Table 8 Americas Bioresorbable Scaffolds Market, by Material, 2017–2023, (USD Million)
Table 9 Americas Bioresorbable Scaffolds Market, by Type, 2017–2023, (USD Million)
Table 10 Americas Bioresorbable Scaffolds Market, by Application, 2017–2023, (USD Million)
Table 11 Americas Bioresorbable Scaffolds Market, by End-User, 2017–2023, (USD Million)
Table 12 North America Bioresorbable Scaffolds Market, by Material, 2017–2023, (USD Million)
Table 13 North America Bioresorbable Scaffolds Market, by Type, 2017–2023, (USD Million)
Table 14 North America Bioresorbable Scaffolds Market, by Application, 2017–2023, (USD Million)
Table 15 North America Bioresorbable Scaffolds Market, by End-User, 2017–2023, (USD Million)
Table 16 South America Bioresorbable Scaffolds Market, by Material, 2017–2023, (USD Million)
Table 17 South America Bioresorbable Scaffolds Market, by Type, 2017–2023, (USD Million)
Table 18 South America Bioresorbable Scaffolds Market, by Application, 2017–2023, (USD Million)
Table 19 South America Bioresorbable Scaffolds Market, by End-User, 2017–2023, (USD Million)
Table 20 Europe Bioresorbable Scaffolds Market, by Material, 2017–2023, (USD Million)
Table 21 Europe Bioresorbable Scaffolds Market, by Type, 2017–2023, (USD Million)
Table 22 Europe Bioresorbable Scaffolds Market, by Application, 2017–2023, (USD Million)
Table 23 Europe Bioresorbable Scaffolds Market, by End-User, 2017–2023, (USD Million)
Table 24 Western Europe Bioresorbable Scaffolds Market by Material, 2017–2023, (USD Million)
Table 25 Western Europe Bioresorbable Scaffolds Market by Type, 2017–2023, (USD Million)
Table 26 Western Europe Bioresorbable Scaffolds Market by Application, 2017–2023, (USD Million)
Table 27 Western Europe Bioresorbable Scaffolds Market, by End-User, 2017–2023, (USD Million)
Table 28 Eastern Europe Bioresorbable Scaffolds Market, by Material, 2017–2023, (USD Million)
Table 29 Eastern Europe Bioresorbable Scaffolds Market, by Type, 2017–2023, (USD Million)
Table 30 Eastern Europe Bioresorbable Scaffolds Market, by Application, 2017–2023, (USD Million)
Table 31 Eastern Europe Bioresorbable Scaffolds Market, by End Users, 2017–2023, (USD Million)
Table 32 Asia Pacific Bioresorbable Scaffolds Market, by Material, 2017–2023, (USD Million)
Table 33 Asia Pacific Bioresorbable Scaffolds Market, by Type, 2017–2023, (USD Million)
Table 34 Asia Pacific Bioresorbable Scaffolds Market, by Application, 2017–2023, (USD Million)
Table 35 Asia Pacific Bioresorbable Scaffolds Market, by End-User, 2017–2023, (USD Million)
Table 36 Middle East & Africa Bioresorbable Scaffolds Market, by Material, 2017–2023, (USD Million)
Table 37 Middle East & Africa Bioresorbable Scaffolds Market, by Type, 2017–2023, (USD Million)
Table 38 Middle East & Africa Bioresorbable Scaffolds Market, by Application, 2017–2023, (USD Million)
Table 39 Middle East & Africa Bioresorbable Scaffolds Market, by End-User, 2017–2023, (USD Million)

LIST OF FIGURES

Figure 1 Research Process
Figure 2 Segmentation for Global Bioresorbable Scaffolds Market
Figure 3 Segmentation Market Dynamics for Bioresorbable Scaffolds Market
Figure 4 Global Bioresorbable Scaffolds Market Share, by Material 2016
Figure 5 Global Bioresorbable Scaffolds Market Share, by Type 2016
Figure 6 Global Bioresorbable Scaffolds Market Share, by Application 2016
Figure 7 Global Bioresorbable Scaffolds Market Share, by End Users, 2016
Figure 8 Global Bioresorbable Scaffolds Market Share, by Region, 2016
Figure 9 Americas Bioresorbable Scaffolds Market Share, by Country, 2016
Figure 10 Europe Bioresorbable Scaffolds Market Share, by Country, 2016
Figure 11 Asia Pacific Bioresorbable Scaffolds Market Share, by Country, 2016
Figure 12 Middle East & Africa Bioresorbable Scaffolds Market Share, by Country, 2016
Figure 13 Global Bioresorbable Scaffolds Market: Company Share Analysis, 2016 (%)