

# **Bioabsorbable Stents: Market Research Report**

https://marketpublishers.com/r/B4391E9BC09EN.html

Date: December 2014

Pages: 111

Price: US\$ 4,500.00 (Single User License)

ID: B4391E9BC09EN

## **Abstracts**

This report analyzes the worldwide markets for Bioabsorbable Stents in Thousand Units and in US\$ Million. The report provides separate comprehensive analytics for the US, Europe, Asia-Pacific, and Rest of World. Annual estimates and forecasts are provided for the period 2013 through 2020. Also, a seven-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs. The report profiles 15 companies including many key and niche players such as -

**Abbott Laboratories** 

Amaranth Medical, Inc.

Arterial Remodeling Technologies SA

BIOTRONIK SE & Co. KG

Elixir Medical Corp.



## **Contents**

## I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations
Disclaimers
Data Interpretation & Reporting Level
Quantitative Techniques & Analytics
Product Definitions and Scope of Study

## II. EXECUTIVE SUMMARY

#### 1. INDUSTRY OVERVIEW

Bioabsorbable Stents – Transforming the Interventional Cardiology Market
Evolution of Coronory Stents
Global Coronory Stents Market – A Few Key Facts
Bioabsorbable Stents Poised to Replace Drug-Eluting Stents in Future
How are Bioabsorbable Stents Better than Drug-Eluting and Bare Metal Stents
Clinical Trial Results Corroborate BVS Therapy
Market Overview

**Table 1.** Bioabsorbable Stents Market Potential: Percentage Share Breakdown of Revenues for Bare Metal Stents, Drug Eluting Stents, and Bioabsorbable Stents (includes corresponding Graph/Chart)

**Current & Future Analysis** 

**Growth Drivers** 

Absorb - The First Commercially Available Bioabsorbable Stent

Competition - Abbott Leads the Race

Bioabsorbable Stents in Pipeline: 2013

Europe – The Largest Market for Biabsorbable Stents

Developing Countries - Hot Spots for Growth

Market Challenges and Threats

**Technological Challenges** 

Safety- Efficacy Factor

Regulatory Challenges

**Price Factor** 

Bioabsorbable Stents: Market Research Report



Alternative Therapies/Devices: Threats to Coronary Stents
Cell Transplantation – A Threat to Coronary Stents

## 2. MARKET TRENDS, DRIVERS & CHALLENGES

Global Menace of Coronary Artery Disease – A Major Growth Driver

**Table 2.** Global Annual Medical Cost of CVD in US\$ Billion (2010-2030) (includes corresponding Graph/Chart)

**Table 3.** Fatalities by Heart Conditions - Estimated Percentage Breakdown for Cardiovascular Disease, Ischemic Heart Disease, Stroke, and Others (includes corresponding Graph/Chart)

**Table 4.** Fatalities in Low Income Countries by Health Disorder (2015 & 2030): Projected Percentage Breakdown of Number of Deaths for CVD; Cancer; Injury; HIV, TB & Malaria; Malnutrition; and Others (includes corresponding Graph/Chart)

**Table 5.** Fatalities in Mid Income Countries by Health Disorder (2015 & 2030): Projected Percentage Breakdown of Number of Deaths for CVD; Cancer; Injury; HIV, TB & Malaria; Malnutrition; and Others (includes corresponding Graph/Chart)

**Table 6.** Fatalities in High Income Countries by Health Disorder (2015 & 2030): Projected Percentage Breakdown of Number of Deaths for CVD, Cancer, Injury, and Others (includes corresponding Graph/Chart)

Restenosis Creates the Need for Bioabsorbable Stents

Ageing Demographics and Longer Life Expectancy Bolsters Market Growth

**Table 7.** Global Population Statistics for the 65+ Age Group (2013) (includes corresponding Graph/Chart)

**Table 8.** Life Expectancy by Select Countries: 2013 (includes corresponding Graph/Chart)

Rising Middle Class Population Aids Growth



**Table 9.** World Middle Class Population (2012 & 2030F): Percentage Share Breakdown by Region - North America, Europe, Asia-Pacific, Latin America, and The Middle East & Africa (includes corresponding Graph/Chart)

Rising Healthcare Expenditure: Opportunities in Store

**Table 10.** Per-Capita Healthcare Expenditure in Select Regions (2013) (includes corresponding Graph/Chart)

**Table 11.** Top 20 Countries with the Highest Healthcare Spending as a Percentage of GDP (2012) (includes corresponding Graph/Chart)

Risk of CAD in Obesity Offers Prospects for Coronary Stenting

**Table 12.** Global Obese Population in Millions by Region/Country (2013) (includes corresponding Graph/Chart)

**Table 13.** Global Obesity Levels (2013): Percentage Share Breakdown of Total Obese Population by Leading Countries (includes corresponding Graph/Chart)

Diabetics at Higher Risk of Heart Diseases

**Table 14.** Worldwide Prevalence of Diabetes Mellitus by Geographic Region (2013 & 2035P) (includes corresponding Graph/Chart)

The Hypertension-Cholesterol Link to Drive Demand

**Table 15.** Death Rates Due to Hypertension in Select Countries: 2011

**Table 16.** Percentage Prevalence Rate of High Blood Pressure for Patients over 25 Years of Age by Region (1980 & 2010) (includes corresponding Graph/Chart)

Spurt in Medical Tourism Offers Growth Opportunities



#### 3. PIPELINE ANALYSIS

ART Bioabsorbable Stent (Arterial Remodeling Technologies, France)

DREAMS (BIOTRONIK, Germany)

DESolve Coronary Scaffold (Elixir Medical, US)

IGAKI-TAMAI (Kyoto Medical Planning, Japan)

ReZolve (REVA Medical Inc., US)

IDEAL (Bioabsorbable Therapeutics, US)

Magnesium-Based Stent (Luxfer, UK)

LifeTech Iron (LifeTech, China)

The Xinsorb BRS (Huaan Biotechnology Group, China)

#### 4. REGULATORY FRAMEWORK

The United States

Europe

Australia

#### 5. PRODUCT OVERVIEW

Coronary Artery Disease (CAD) - A Perspective

Causes and Symptoms

Treatment Options for Coronary Artery Disease

Percutaneous Coronary Intervention (PCI)

**Coronary Stenting** 

Types of Coronary Stents

Bare Metal Stents (BMS)

Drug Eluting Stents (DES)

Bioabsorbable Stents

Design and Composition of Bioabsorbable Stents

Different Types of Bioabsorbable Stents

Metallic Bioabsorbable Stents

Polymer Bioabsorbable Stents

Degradation Period of Select Bioabsorbable Materials

Challenges

Other Treatment Options for Coronary Heart Disease

Coronary Artery Bypass Grafting (CABG)

Minimally Invasive Direct Coronary Artery Bypass (MIDCAB)

TransMyocardial Laser Revascularization (TMR)



Peripheral Arterial Disease: Understanding the Stealthy Peril

Treatment for PAD
Lifestyle Changes
Medication
Surgery

Stenting- A Treatment Option for PAD

### **6. RECENT INDUSTRY ACTIVITY**

Elixir Receives CE Approval for Bioresorbable Stent
Arterial Remodeling Signs Collaboration Agreement with Terumo
Abbott Concludes Enrollment for Absorb Clinical Trials for US, China, and Japan
Abbott Initiates Clinical Trials of ABSORB IV BVS
Abbott Initiates Japanese Clinical Trial of Absorb BVS
Abbott Initiates ABSORB III Clinical Trial in the US
ART Conducts First-in-Human Clinical Trial of ART Bioabsorbable Stent
Kyoto Medical Releases Long-Term Safety and Efficacy Data for its IGAKI-TAMAI Stent
Abbott Laboratories Launches Absorb BVS in Europe and Other Markets

## 7. FOCUS ON SELECT GLOBAL PLAYERS

Abbott Laboratories (US)
Amaranth Medical, Inc. (US)
Arterial Remodeling Technologies SA (France)
BIOTRONIK SE & Co. KG (Germany)
Elixir Medical Corp. (US)
Kyoto Medical Planning Co., Ltd. (Japan)
REVA Medical, Inc. (US)

#### 8. GLOBAL MARKET PERSPECTIVE

**Unit Sales** 

**Table 17.** World Current and Future Analysis for Bioabsorbable Stents by Geographic Region - US, Europe, Asia-Pacific and Rest of World Markets Independently Analyzed with Annual Sales in '000 Units for Years 2013 through 2020 (includes corresponding Graph/Chart)



**Table 18.** World 7-Year Perspective for Bioabsorbable Stents by Geographic Region - Percentage Breakdown of Unit Sales for US, Europe, Asia-Pacific and Rest of World Markets for Years 2014 and 2020 (includes corresponding Graph/Chart)

Value Sales

**Table 19.** World Current and Future Analysis for Bioabsorbable Stents by Geographic Region - US, Europe, Asia-Pacific and Rest of World Markets Independently Analyzed with Annual Sales in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

**Table 20.** World 7-Year Perspective for Bioabsorbable Stents by Geographic Region - Percentage Breakdown of Dollar Sales for US, Europe, Asia-Pacific and Rest of World Markets for Years 2014 and 2020 (includes corresponding Graph/Chart)

## III. MARKET

## 1. THE UNITED STATES

A. Market AnalysisCurrent and Future AnalysisGrowth IndicatorsRising CVD Incidence – A Major Growth Driver

**Table 21.** Cardiovascular Disease Incidence in the US by Gender & Age Group (per 1,000 Adults) (includes corresponding Graph/Chart)

**Table 22.** Leading Causes of CVD Fatalities in the US: Percentage Breakdown of Mortality for Coronary Heart Disease, HBP, Heart Failure, Stroke, and Others (includes corresponding Graph/Chart)

Ageing Population – A Vital Demography

**Table 23.** North American Elderly Population by Age Group: 1975-2050 (includes corresponding Graph/Chart)



Challenges Ahead
Strategic Corporate Developments
Select Key Players
B. Market Analytics

**Table 24.** The US Current and Future Analysis for Bioabsorbable Stents with Annual Sales in '000 Units for Years 2013 through 2020 (includes corresponding Graph/Chart)

**Table 25.** The US Current and Future Analysis for Bioabsorbable Stents with Annual Sales in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

#### 2. EUROPE

A. Market Analysis
The Largest Market for Bioabsorbable Stent
Growth Drivers
Cardiovascular Disease in Europe – A Perspective
Europe - A Highly Diverse Market
Absorbable Stents & the Controversies Surrounding Them
Ageing Population Boosts Demand for Biodegradable Stents

**Table 26.** European Country-wise Statistics of 60+ Population as % of Total Population: 2013 (includes corresponding Graph/Chart)

Product Launch
B. Market Analytics

**Table 27.** European Current and Future Analysis for Bioabsorbable Stents by Geographic Region - France, Germany, Italy, UK, and Rest of Europe Markets Independently Analyzed with Annual Sales in '000 Units for Years 2013 through 2020 (includes corresponding Graph/Chart)

**Table 28.** European 7-Year Perspective for Bioabsorbable Stents by Geographic Region - Percentage Breakdown of Unit Sales for France, Germany, Italy, UK, and Rest of Europe Markets for Years 2014 and 2020 (includes corresponding Graph/Chart)



**Table 29.** European Current and Future Analysis for Bioabsorbable Stents by Geographic Region - France, Germany, Italy, UK, and Rest of Europe Markets Independently Analyzed with Annual Sales in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

**Table 30.** European 7-Year Perspective for Bioabsorbable Stents by Geographic Region - Percentage Breakdown of Dollar Sales for France, Germany, Italy, UK, and Rest of Europe Markets for Years 2014 and 2020 (includes corresponding Graph/Chart)

## 2A. FRANCE

A. Market AnalysisStrategic Corporate DevelopmentsSelect PlayerB. Market Analytics

**Table 31.** French Current and Future Analysis for Bioabsorbable Stents with Annual Sales in '000 Units for Years 2013 through 2020 (includes corresponding Graph/Chart)

**Table 32.** French Current and Future Analysis for Bioabsorbable Stents with Annual Sales in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

## **2B. GERMANY**

A. Market AnalysisSelect PlayerB. Market Analytics

**Table 33.** German Current and Future Analysis for Bioabsorbable Stents with Annual Sales in '000 Units for Years 2013 through 2020 (includes corresponding Graph/Chart)

**Table 34.** German Current and Future Analysis for Bioabsorbable Stents with Annual Sales in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

#### 2C. ITALY

Market Analysis

Bioabsorbable Stents: Market Research Report



**Table 35.** Italian Current and Future Analysis for Bioabsorbable Stents with Annual Sales in '000 Units for Years 2013 through 2020 (includes corresponding Graph/Chart)

**Table 36.** Italian Current and Future Analysis for Bioabsorbable Stents with Annual Sales in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

#### 2D. THE UNITED KINGDOM

Market Analysis

**Table 37.** The UK Current and Future Analysis for Bioabsorbable Stents with Annual Sales in '000 Units for Years 2013 through 2020 (includes corresponding Graph/Chart)

**Table 38.** The UK Current and Future Analysis for Bioabsorbable Stents with Annual Sales in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

## **2E. REST OF EUROPE**

Market Analysis

**Table 39.** Rest of European Current and Future Analysis for Bioabsorbable Stents with Annual Sales in '000 Units for Years 2013 through 2020 (includes corresponding Graph/Chart)

**Table 40.** Rest of European Current and Future Analysis for Bioabsorbable Stents with Annual Sales in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

#### 3. ASIA-PACIFIC

A. Market AnalysisThe Fastest Growing Market for Bioabsorbable StentsGrowth DriversAging Populace – Potential Opportunities



**Table 41.** Over 65 Years Individuals as % of the Total Population in Select Asian Countries (includes corresponding Graph/Chart)

Asia-Pacific - A Price Sensitive Market
India & China Offer Significant Growth Opportunities

**Table 42.** China and India Lead Global Population (July 2013): Table Depicting China and India's Huge Population Vis-a-vis Other Countries' Population (in Million) by Age Group (includes corresponding Graph/Chart)

Focus on Select Markets

India

A High Potential Market

**Unethical Medical Practices Mar Business Prospects** 

Japan

Prospects Weighed down by Regulatory Entanglements

Bioabsorbable Stents Status in Japan

Japanese Coronary Stents Command Higher Prices

China

Healthcare Reforms to Propel Stent Market

Strategic Corporate Development

Kyoto Medical Planning Co., Ltd. - A Key Player

B. Market Analytics

**Table 43.** Asia-Pacific Current and Future Analysis for Bioabsorbable Stents with Annual Sales in '000 Units for Years 2013 through 2020 (includes corresponding Graph/Chart)

**Table 44.** Asia-Pacific Current and Future Analysis for Bioabsorbable Stents with Annual Sales in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

#### 4. REST OF WORLD

Market Analysis



**Table 45.** Rest of World Current and Future Analysis for Bioabsorbable Stents with Annual Sales in '000 Units for Years 2013 through 2020 (includes corresponding Graph/Chart)

**Table 46.** Rest of World Current and Future Analysis for Bioabsorbable Stents with Annual Sales in US\$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)

## IV. COMPETITIVE LANDSCAPE

```
Total Companies Profiled: 15 (including Divisions/Subsidiaries - 16)
The United States (9)
Japan (1)
Europe (3)
France (1)
Germany (1)
The United Kingdom (1)
Asia-Pacific (Excluding Japan) (3)
```



## I would like to order

Product name: Bioabsorbable Stents: Market Research Report

Product link: <a href="https://marketpublishers.com/r/B4391E9BC09EN.html">https://marketpublishers.com/r/B4391E9BC09EN.html</a>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

## **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/B4391E9BC09EN.html">https://marketpublishers.com/r/B4391E9BC09EN.html</a>

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 <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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