

### Global Heart Valves Market: Market Estimation, Dynamics, Regional Share, Trends, Competitor Analysis 2012-2016 and Forecast 2017-2023

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### **Abstracts**

Heart valves are the medical devices which are used in the replacement of defective heart valve. Heart valves are majorly 2 types, they are biological or tissue and mechanical heart valves. Biological heart valves are made up of various tissues such as porcine, bovine and human tissues. Heart valves made from human tissues are known as homografts or allografts. The major advantage of tissue valves over mechanical valve is mechanical heart valves can cause bleeding and increase the chances of reoperations in geriatric people. Since the use of tissue heart valves in people of this age group lowers the risks of bleeding. Physicians are increasingly opting for this method as it able to reduce the use of oral anticoagulation drugs for the management of bleeding complications.

The heart valves market is growing at a significant CAGR due to increase in geriatric population, and increase in the prevalence of heart valve diseases. The increase in demand for stentless tissue valves, implementation of MI procedures expected to fuel the growth of Heart valves market. Rising in preference for tissue heart valve replacement surgeries among the geriatric population is also boosting the growth of Heart valves market over the forecast period. However, lack of skilled professional, the risk of potential complications with tissue valves, and use of alternate products might hamper the growth of Heart valves market over the forecast period. Similarly, the stringent regulatory framework for product approvals expected to dampen the growth of Heart valves market.

The heart valves market is segmented on the basis of product type, valve type, harvesting type, and end users



Based on product type, heart valves market has been segmented into the following:

Stented tissue heart valves

Stentless tissue heart valves

Based on valve type, heart valves market has been segmented into the following:

Aortic tissue valves

Mitral tissue valves

Based on the harvesting, heart valves market has been segmented into the following:

Autograft

Homograft

Heterograft

Based on end-user, heart valves market has been segmented into the following:

Hospitals

Clinics

Ambulatory surgical centers

Global heart valves market is increasing due to rise in the prevalence of cardiac disorders. The most commonly adopted strategies by industry players include new product launches with technological innovations, acquisitions & mergers, agreements, and collaborations to capture significant Heart valves market share. They acquire other companies to enhance their R&D capabilities for manufacturing innovative devices that meet consumer needs. Acquisition of other companies allows vendors access to the

Global Heart Valves Market: Market Estimation, Dynamics, Regional Share, Trends, Competitor Analysis 2012-2016...



product portfolio of the acquired company. For instance, in December 2012, Edwards Lifesciences Corporation and Cook Biotech Incorporated, have collaborated into a technology licensing and supply agreements for the development of tissue-engineered heart valves and related cardiovascular implants.

Geographically, heart valves market has been segmented into following regions Viz. North America, Europe, Asia-Pacific, Latin America, and Middle East & Africa. North America is expected to hold a dominant share in Heart valves market owing to increase in the prevalence of heart valve diseases, increasing research and development, favourable medical reimbursement policies increase the growth of Heart valves market in North America. Europe region holds second largest share attributed to increases in the prevalence of heart valve diseases because of changing lifestyle. Increasing government funding for R&D, technological advancements are expected to boost the growth of Heart valves market. Asia-pacific region is expected to hold the large share in forecast period due to increase in awareness regarding tissue valves, increasing geriatric population and rising opportunities in medical tourism.

Some of the players in the heart valves market are Edwards Lifesciences Corporation (U.S.), LivaNova PLC (U.K.), Medtronic (U.S.), St. Jude Medical (Abbott Laboratories) (U.S.), Braile Biomédica (Brazil), CryoLife, Inc. (U.S.), and Laboratory Corporation of America (U.S.) to name a few.

In January 2016, CryoLife, Inc. announced that it has completed its acquisition of On-X Life Technologies Holdings, Inc

In July 2014, Sorin Group, received U.S. Food and Drug Administration (FDA) approval for the Solo Smart Aortic Pericardial Heart Valve

### **REPORT OUTLINE:**

The report provides granular level information about the market size, regional market share and forecast from 2017-2023

The report covers in-detail insights about the competitor's overview, key findings and their key strategies

The report outlines drivers, restraints, challenges, and trends that are currently faced by the industry



The report tracks recent innovations, key developments and startup's details that are working in the industry

The report provides plethora of information about market entry strategies, regulatory framework and reimbursement scenario



### Contents

#### **1. EXECUTIVE SUMMARY**

#### 2. GLOBAL HEART VALVES MARKET INTRODUCTION

- 2.1. Global Heart Valves Market- Taxonomy
- 2.2. Global Heart Valves Market–Definitions
- 2.2.1. End User
- 2.2.2. Product Type

#### **3. GLOBAL HEART VALVES MARKET DYNAMICS**

- 3.1. Drivers
- 3.2. Restraints
- 3.3. Opportunities/Unmet Needs of the Market
- 3.4. Trends
- 3.5. Global Heart Valves Market Dynamics Factors Impact Analysis
- 3.6. Global Heart Valves Market- Recent Market Introductions

### 4. GLOBAL HEART VALVES MARKET ANALYSIS, 2012 - 2016 AND FORECAST, 2017 – 2023

- 4.1. Market Analysis, 2012 2016 and Forecast, 2017 2023 (Revenue, USD Mn)
- 4.2. Year-over-Year (Y-o-Y) Growth Analysis (%)
- 4.3. Market Oppurtunity Analysis

# 5. GLOBAL HEART VALVES MARKET FORECAST, BY PRODUCT TYPE, 2012 - 2016 AND FORECAST, 2017 - 2023

- 5.1. Stented Tissue Heart Valves
  - 5.1.1. Market Analysis, 2012 2016 and Forecast, 2017 2023 (Revenue, USD Mn)
  - 5.1.2. Year-over-Year (Y-o-Y) Growth Analysis (%) and Market Share Analysis (%)
  - 5.1.3. Market Opportunity Analysis
- 5.2. Stentless Tissue Heart Valves
  - 5.2.1. Market Analysis, 2012 2016 and Forecast, 2017 2023 (Revenue, USD Mn)
  - 5.2.2. Year-over-Year (Y-o-Y) Growth Analysis (%) and Market Share Analysis (%)
  - 5.2.3. Market Opportunity Analysis



### 6. GLOBAL HEART VALVES MARKET FORECAST, BY VALVE TYPE, 2012 - 2016 AND FORECAST, 2017 - 2023

#### 6.1. Aortic Tissue Valves

- 6.1.1. Market Analysis, 2012 2016 and Forecast, 2017 2023 (Revenue, USD Mn)
- 6.1.2. Year-over-Year (Y-o-Y) Growth Analysis (%) and Market Share Analysis (%)
- 6.1.3. Market Opportunity Analysis
- 6.2. Mitral Tissue Valves
- 6.2.1. Market Analysis, 2012 2016 and Forecast, 2017 2023 (Revenue, USD Mn)
- 6.2.2. Year-over-Year (Y-o-Y) Growth Analysis (%) and Market Share Analysis (%)
- 6.2.3. Market Opportunity Analysis

### 7. GLOBAL HEART VALVES MARKET FORECAST, BY HARVESTING, 2012 - 2016 AND FORECAST, 2017 - 2023

- 7.1. Autograft
  - 7.1.1. Market Analysis, 2012 2016 and Forecast, 2017 2023 (Revenue, USD Mn)
  - 7.1.2. Year-over-Year (Y-o-Y) Growth Analysis (%) and Market Share Analysis (%)
  - 7.1.3. Market Opportunity Analysis
- 7.2. Homograft
  - 7.2.1. Market Analysis, 2012 2016 and Forecast, 2017 2023 (Revenue, USD Mn)
  - 7.2.2. Year-over-Year (Y-o-Y) Growth Analysis (%) and Market Share Analysis (%)
  - 7.2.3. Market Opportunity Analysis
- 7.3. Heterograft
  - 7.3.1. Market Analysis, 2012 2016 and Forecast, 2017 2023 (Revenue, USD Mn)
  - 7.3.2. Year-over-Year (Y-o-Y) Growth Analysis (%) and Market Share Analysis (%)
  - 7.3.3. Market Opportunity Analysis

### 8. GLOBAL HEART VALVES MARKET FORECAST, BY END USER, 2012 - 2016 AND FORECAST, 2017 - 2023

- 8.1. Hospitals
  - 8.1.1. Market Analysis, 2012 2016 and Forecast, 2017 2023 (Revenue, USD Mn)
  - 8.1.2. Year-over-Year (Y-o-Y) Growth Analysis (%) and Market Share Analysis (%)
  - 8.1.3. Market Opportunity Analysis
- 8.2. Clinics
  - 8.2.1. Market Analysis, 2012 2016 and Forecast, 2017 2023 (Revenue, USD Mn)
  - 8.2.2. Year-over-Year (Y-o-Y) Growth Analysis (%) and Market Share Analysis (%)
  - 8.2.3. Market Opportunity Analysis



- 8.3. Ambulatory Surgical Centers
  - 8.3.1. Market Analysis, 2012 2016 and Forecast, 2017 2023 (Revenue, USD Mn)
  - 8.3.2. Year-over-Year (Y-o-Y) Growth Analysis (%) and Market Share Analysis (%)
  - 8.3.3. Market Opportunity Analysis

### 9. GLOBAL HEART VALVES MARKET FORECAST, BY REGION, 2012 - 2016 AND FORECAST, 2017 - 2023

- 9.1. North America
  - 9.1.1. Market Analysis, 2012 2016 and Forecast, 2017 2023 (Revenue, USD Mn)
- 9.1.2. Year-over-Year (Y-o-Y) Growth Analysis (%) and Market Share Analysis (%)
- 9.1.3. Market Opportunity Analysis
- 9.2. Europe
  - 9.2.1. Market Analysis, 2012 2016 and Forecast, 2017 2023 (Revenue, USD Mn)
  - 9.2.2. Year-over-Year (Y-o-Y) Growth Analysis (%) and Market Share Analysis (%)
  - 9.2.3. Market Opportunity Analysis
- 9.3. Asia-Pacific
  - 9.3.1. Market Analysis, 2012 2016 and Forecast, 2017 2023 (Revenue, USD Mn)
  - 9.3.2. Year-over-Year (Y-o-Y) Growth Analysis (%) and Market Share Analysis (%)
  - 9.3.3. Market Opportunity Analysis
- 9.4. Latin America
  - 9.4.1. Market Analysis, 2012 2016 and Forecast, 2017 2023 (Revenue, USD Mn)
  - 9.4.2. Year-over-Year (Y-o-Y) Growth Analysis (%) and Market Share Analysis (%)
- 9.4.3. Market Opportunity Analysis
- 9.5. Middle East and Africa
- 9.5.1. Market Analysis, 2012 2016 and Forecast, 2017 2023 (Revenue, USD Mn)
- 9.5.2. Year-over-Year (Y-o-Y) Growth Analysis (%) and Market Share Analysis (%)
- 9.5.3. Market Opportunity Analysis
- 9.6. Global Heart Valves Market- Opportunity Analysis Index By Product Type, By Valve Type, By Harvesting, By End User, and Region, 2017 2023

### 10. NORTH AMERICA HEART VALVES MARKET ANALYSIS, 2012 - 2016 AND FORECAST, 2017 - 2023

10.1.1. Product Type Analysis (2012 – 2016) and Forecast (2017 – 2023) by Revenue (USD Mn), Y-o-Y Growth (%) and Market Share (%)

- 10.1.1.1. Stented Tissue Heart Valves
- 10.1.1.2. Stentless Tissue Heart Valves
- 10.1.2. Valve Type Analysis (2012 2016) and Forecast (2017 2023) by Revenue



(USD Mn), Y-o-Y Growth (%) and Market Share (%)

10.1.2.1. Aortic Tissue Valves

10.1.2.2. Mitral Tissue Valves

10.1.3. Harvesting Analysis (2012 - 2016) and Forecast (2017 - 2023) by Revenue

(USD Mn), Y-o-Y Growth (%) and Market Share (%)

10.1.3.1. Autograft

10.1.3.2. Homograft

10.1.3.3. Heterograft

10.1.4. End User Analysis (2012 – 2016) and Forecast (2017 – 2023) by Revenue (USD Mn), Y-o-Y Growth (%) and Market Share (%)

10.1.4.1. Hospitals

10.1.4.2. Clinics

10.1.4.3. Ambulatory surgical centers

10.1.5. Country Analysis (2012 – 2016) and Forecast (2017 – 2023) by Revenue (USD Mn) Y-o-Y Growth (%) and Market Share (%)

10.1.5.1. U.S.

10.1.5.2. Canada

10.1.6. North America Heart Valves Market- Opportunity Analysis Index - By Product

Type, By Valve Type, By Harvesting, By End User, and Country, 2017 – 2023

10.1.7. North America Heart Valves Market Dynamics – Trends

### 11. EUROPE HEART VALVES MARKET ANALYSIS, 2012 - 2016 AND FORECAST, 2017 - 2023

11.1.1. Product Type Analysis (2012 – 2016) and Forecast (2017 – 2023) by Revenue (USD Mn), Y-o-Y Growth (%) and Market Share (%)

11.1.1.1. Stented Tissue Heart Valves

11.1.1.2. Stentless Tissue Heart Valves

11.1.2. Valve Type Analysis (2012 – 2016) and Forecast (2017 – 2023) by Revenue (USD Mn), Y-o-Y Growth (%) and Market Share (%)

11.1.2.1. Aortic Tissue Valves

11.1.2.2. Mitral Tissue Valves

11.1.3. Harvesting Analysis (2012 – 2016) and Forecast (2017 – 2023) by Revenue (USD Mn), Y-o-Y Growth (%) and Market Share (%)

11.1.3.1. Autograft

11.1.3.2. Homograft

11.1.3.3. Heterograft

11.1.4. End User Analysis (2012 – 2016) and Forecast (2017 – 2023) by Revenue (USD Mn), Y-o-Y Growth (%) and Market Share (%)



- 11.1.4.1. Hospitals
- 11.1.4.2. Clinics
- 11.1.4.3. Ambulatory surgical centers

11.1.5. Country Analysis (2012 – 2016) and Forecast (2017 – 2023) by Revenue (USD

Mn), Y-o-Y Growth (%) and Market Share (%)

11.1.5.1. Germany

- 11.1.5.2. UK
- 11.1.5.3. France
- 11.1.5.4. Spain
- 11.1.5.5. Italy
- 11.1.5.6. Russia
- 11.1.5.7. Poland
- 11.1.5.8. Rest of Europe

11.1.6. Europe Heart Valves Market- Opportunity Analysis Index - By Product Type, By Valve Type, By Harvesting, By End User, and Country, 2017 – 2023

11.1.7. Europe Heart Valves Market Dynamics – Trends

# 12. ASIA-PACIFIC HEART VALVES MARKET ANALYSIS, 2012 - 2016 AND FORECAST, 2017 - 2023

12.1.1. Product Type Analysis (2012 - 2016) and Forecast (2017 - 2023) by Revenue (USD Mn), Y-o-Y Growth (%) and Market Share (%)

12.1.1.1. Stented Tissue Heart Valves

12.1.1.2. Stentless Tissue Heart Valves

12.1.2. Valve Type Analysis (2012 – 2016) and Forecast (2017 – 2023) by Revenue (USD Mn), Y-o-Y Growth (%) and Market Share (%)

12.1.2.1. Aortic Tissue Valves

12.1.2.2. Mitral Tissue Valves

12.1.3. Harvesting Analysis (2012 – 2016) and Forecast (2017 – 2023) by Revenue (USD Mn), Y-o-Y Growth (%) and Market Share (%)

12.1.3.1. Autograft

12.1.3.2. Homograft

12.1.3.3. Heterograft

12.1.4. End User Analysis (2012 – 2016) and Forecast (2017 – 2023) by Revenue

(USD Mn), Y-o-Y Growth (%) and Market Share (%)

12.1.4.1. Hospitals

12.1.4.2. Clinics

12.1.4.3. Ambulatory surgical centers

12.1.5. Country Analysis (2012 – 2016) and Forecast (2017 – 2023) by Revenue (USD



Mn),

Y-o-Y Growth (%), and Market Share (%)

12.1.5.1. Japan

12.1.5.2. China

- 12.1.5.3. India
- 12.1.5.4. ASEAN

12.1.5.5. Australia & New Zealand

12.1.5.6. Rest of Asia-Pacific

12.1.6. Asia-Pacific Heart Valves Market- Opportunity Analysis Index - By Product Type, By Valve Type, By Harvesting, By End User, and Country, 2017 – 2023 12.1.7. Asia-Pacific Heart Valves Market Dynamics – Trends

# 13. LATIN AMERICA HEART VALVES MARKET ANALYSIS, 2012 - 2016 AND FORECAST, 2017 - 2023

13.1.1. Product Type Analysis (2012 – 2016) and Forecast (2017 – 2023) by Revenue (USD Mn), Y-o-Y Growth (%) and Market Share (%)

13.1.1.1. Stented Tissue Heart Valves

13.1.1.2. Stentless Tissue Heart Valves

13.1.2. Valve Type Analysis (2012 - 2016) and Forecast (2017 - 2023) by Revenue (USD Mn), Y-o-Y Growth (%) and Market Share (%)

13.1.2.1. Aortic Tissue Valves

13.1.2.2. Mitral Tissue Valves

13.1.3. Harvesting Analysis (2012 – 2016) and Forecast (2017 – 2023) by Revenue (USD Mn), Y-o-Y Growth (%) and Market Share (%)

13.1.3.1. Autograft

13.1.3.2. Homograft

13.1.3.3. Heterograft

13.1.4. End User Analysis (2012 – 2016) and Forecast (2017 – 2023) by Revenue (USD Mn), Y-o-Y Growth (%) and Market Share (%)

13.1.4.1. Hospitals

13.1.4.2. Clinics

13.1.4.3. Ambulatory surgical centers

Mn), Y-o-Y Growth (%) and Market Share (%)

13.1.5.1. Brazil

13.1.5.2. Mexico

13.1.5.3. Argentina

13.1.5.4. Venezuela



13.1.5.5. Rest of Latin America

13.1.6. Latin America Heart Valves Market- Opportunity Analysis Index - By Product Type, By Valve Type, By Harvesting, End User, and Country, 2017 – 2023

13.1.7. Latin America Heart Valves Market Dynamics - Trends

### 14. MIDDLE EAST & AFRICA HEART VALVES MARKET ANALYSIS, 2012 - 2016 AND FORECAST, 2017 - 2023

14.1.1. Product Type Analysis (2012 - 2016) and Forecast (2017 - 2023) by Revenue (USD Mn), Y-o-Y Growth (%) and Market Share (%)

14.1.1.1. Stented Tissue Heart Valves

14.1.1.2. Stentless Tissue Heart Valves

14.1.2. Valve Type Analysis (2012 - 2016) and Forecast (2017 - 2023) by Revenue (USD Mn), Y-o-Y Growth (%) and Market Share (%)

14.1.2.1. Aortic Tissue Valves

14.1.2.2. Mitral Tissue Valves

14.1.3. Harvesting Analysis (2012 - 2016) and Forecast (2017 - 2023) by Revenue (USD Mn), Y-o-Y Growth (%) and Market Share (%)

14.1.3.1. Autograft

14.1.3.2. Homograft

14.1.3.3. Heterograft

14.1.4. End User Analysis (2012 – 2016) and Forecast (2017 – 2023) by Revenue (USD Mn), Y-o-Y Growth (%) and Market Share (%)

14.1.4.1. Hospitals

14.1.4.2. Clinics

14.1.4.3. Ambulatory Surgical Centers

14.1.5. Country Analysis (2012 - 2016) and Forecast (2017 - 2023) by Revenue (USD Mn), Y-o-Y Growth (%), and Market Share (%)

14.1.5.1. Gulf Cooperation Council (GCC) Countries

14.1.5.2. Israel

14.1.5.3. South Africa

14.1.5.4. Rest of MEA

14.1.6. MEA Heart Valves Market- Opportunity Analysis Index - By Product Type, By

Valve Type, By Harvesting, By End User, and Country, 2017 - 2023

14.1.7. MEA Heart Valves Market Dynamics - Trends

### **15. COMPETITION LANDSCAPE**

15.1. Strategic Dashboard of Top Market Players



15.2. Company Profiles (Introduction, Financial Analysis, Drug & Service Offerings, Key Developments, Strategies, and SWOT Analysis)

- 15.2.1. Edwards Lifesciences Corporation (U.S.)
- 15.2.2. LivaNova PLC (U.K.)
- 15.2.3. Medtronic (U.S.)
- 15.2.4. St. Jude Medical (Abbott Laboratories) (U.S.)
- 15.2.5. Braile Biomédica (Brazil)
- 15.2.6. CryoLife, Inc. (U.S.)
- 15.2.7. Laboratory Corporation of America (U.S.)

#### **16. RESEARCH METHODOLOGY**

#### **17. KEY ASSUMPTIONS AND ACRONYMS**



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