

# **Global Active Implantable Medical Devices Market Size study & Forecast, by Product (Implantable Cardioverter Defibrillators, Ventricular Assist Devices, Implantable Heart Monitors/Insertable Loop Recorders, Neurostimulators, Implantable Hearing Devices) and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Active Implantable Medical Devices Market is valued at approximately USD XXX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. Active implantable medical devices are those that are designed to be fully or partially implanted into a patient's body. These tools are designed to be used in the human body for either therapeutic or diagnostic purposes. The devices can enter the body surgically or through a natural orifice. One of the key factors boosting the market for active implanted medical devices is the rising prevalence of cardiovascular disorders in the world. The market is growing quickly due to investments in funding the development of technologically improved devices and favorable reimbursement factors for ENT treatments in developed nations. The market is also impacted by the increase in neurological disorders and the expansion of applications for neurostimulators. Additionally, the rise in the prevalence of the geriatric population, surge in healthcare spending, improvements in the healthcare infrastructure, and high disposable income are anticipated to support the market growth.

The rising prevalence of cardiovascular diseases is anticipated to create a lucrative demand for the market. The purpose of active implantable medical devices, such as pacemakers, biventricular pacemakers, implantable cardioverter defibrillators (ICD), and cardiac loop recorders, is to help control or monitor irregular heartbeats in persons with certain heart rhythm abnormalities and heart failure. Thus, the rising cardiovascular

diseases are anticipated to support the market growth. For instance, according to the research study published in December 2021, by Elsevier, for older people aged 45 and above, the overall self-reported prevalence of diagnosed cardiovascular diseases (CVDs) was 29.4%. The prevalence rate increased with age, from 22% in the 45–54 age group to 38% in the 70+ age group, showing that the senior population is at high risk of having CVDs. Also, according to the World Health Organization (WHO) report 2021, there were approximately 17.9 million deaths due to cardiovascular diseases in 2019, which shows nearly 32% of all deaths globally. In addition, as per the National Library of Medicine, India is recorded with the highest burden of cardiovascular disease (CVD) globally. The total number of deaths from CVD in India is estimated to grow from 2.26 million (1990) to 4.77 million (2020). Additionally, technological advancement in active implantable medical devices is anticipated to provide lucrative opportunities for the market during forecast period. However, the dearth of skilled professionals stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Active Implantable Medical Devices Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is the dominating region across the world in terms of market share, owing to the presence of key market players, rising geriatric population, growing prevalence of cardiovascular and neurological diseases, and high accessibility to advanced technologies in the region. Whereas, Asia Pacific is also anticipated to exhibit the highest growth rate over the forecast period, owing to factors such as rising geriatric and target populations, increasing incidence of chronic diseases, growing healthcare spending, healthcare reforms for infrastructural development, and rising demand for advanced technologies to develop advanced products.

Major market players included in this report are:

Medtronic plc (Ireland)  
Abbott Laboratories (U.S.)  
Boston Scientific Corporation (U.S.)  
BIOTRONIK SE & Co. KG (Germany)  
LivaNova PLC (U.K.)  
Cochlear Limited (Australia)  
MED-EL (Austria)  
Sonova Holding AG (Switzerland)  
William Demant Holding A/S (Denmark)  
Nurotron Biotechnology Co., Ltd. (China)

Recent Developments in the Market:

In February 2022, Abbott announced the launch of implants of a dual-chamber leadless pacemaker system as part of its AVEIR DR i2i pivotal medical trial. The first implant of Abbott's innovative Aveir dual-chamber leadless pacemaker to take place globally within the pivotal trial marks a significant technology milestone for leadless pacing technology.

Global Active Implantable Medical Devices Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Product, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

Implantable Cardioverter Defibrillators

Ventricular Assist Devices

Implantable Heart Monitors/Insertable Loop Recorders

Neurostimulators

Implantable Hearing Devices

By Region:

North America

U.S.

Canada

Europe

UK  
Germany  
France  
Spain  
Italy  
ROE  
Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
RoLA  
Rest of the World

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
  - 1.2.1. Active Implantable Medical Devices Market, by Region, 2019-2029 (USD Billion)
  - 1.2.2. Active Implantable Medical Devices Market, by Product, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL ACTIVE IMPLANTABLE MEDICAL DEVICES MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### CHAPTER 3. GLOBAL ACTIVE IMPLANTABLE MEDICAL DEVICES MARKET DYNAMICS

- 3.1. Active Implantable Medical Devices Market Impact Analysis (2019-2029)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing Prevalence of Cardiovascular Diseases
    - 3.1.1.2. Expanded Applications of Neurostimulators
  - 3.1.2. Market Challenges
    - 3.1.2.1. Dearth of Skilled Professionals
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Technological Advancement in Active Implantable Medical Devices

### CHAPTER 4. GLOBAL ACTIVE IMPLANTABLE MEDICAL DEVICES 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
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. Industry Experts Prospective
- 4.7. Analyst Recommendation & Conclusion

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

## **CHAPTER 6. GLOBAL ACTIVE IMPLANTABLE MEDICAL DEVICES MARKET, BY PRODUCT**

- 6.1. Market Snapshot
- 6.2. Global Active Implantable Medical Devices Market by Product, Performance - Potential Analysis
- 6.3. Global Active Implantable Medical Devices Market Estimates & Forecasts by Product 2019-2029 (USD Billion)
- 6.4. Active Implantable Medical Devices Market, Sub Segment Analysis
  - 6.4.1. Implantable Cardioverter Defibrillators
  - 6.4.2. Ventricular Assist Devices
  - 6.4.3. Implantable Heart Monitors/Insertable Loop Recorders
  - 6.4.4. Neurostimulators
  - 6.4.5. Implantable Hearing Devices

## **CHAPTER 7. GLOBAL ACTIVE IMPLANTABLE MEDICAL DEVICES MARKET, REGIONAL ANALYSIS**

- 7.1. Active Implantable Medical Devices Market, Regional Market Snapshot
- 7.2. North America Active Implantable Medical Devices Market
  - 7.2.1. U.S. Active Implantable Medical Devices Market
    - 7.2.1.1. Product breakdown estimates & forecasts, 2019-2029
  - 7.2.2. Canada Active Implantable Medical Devices Market
- 7.3. Europe Active Implantable Medical Devices Market Snapshot
  - 7.3.1. U.K. Active Implantable Medical Devices Market
  - 7.3.2. Germany Active Implantable Medical Devices Market
  - 7.3.3. France Active Implantable Medical Devices Market
  - 7.3.4. Spain Active Implantable Medical Devices Market
  - 7.3.5. Italy Active Implantable Medical Devices Market
  - 7.3.6. Rest of Europe Active Implantable Medical Devices Market
- 7.4. Asia-Pacific Active Implantable Medical Devices Market Snapshot
  - 7.4.1. China Active Implantable Medical Devices Market
  - 7.4.2. India Active Implantable Medical Devices Market
  - 7.4.3. Japan Active Implantable Medical Devices Market
  - 7.4.4. Australia Active Implantable Medical Devices Market
  - 7.4.5. South Korea Active Implantable Medical Devices Market
  - 7.4.6. Rest of Asia Pacific Active Implantable Medical Devices Market
- 7.5. Latin America Active Implantable Medical Devices Market Snapshot
  - 7.5.1. Brazil Active Implantable Medical Devices Market
  - 7.5.2. Mexico Active Implantable Medical Devices Market
  - 7.5.3. Rest of Latin America Active Implantable Medical Devices Market
- 7.6. Rest of The World Active Implantable Medical Devices Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

- 8.1. Top Market Strategies
- 8.2. Company Profiles
  - 8.2.1. Medtronic plc (Ireland)
    - 8.2.1.1. Key Information
    - 8.2.1.2. Overview
    - 8.2.1.3. Financial (Subject to Data Availability)
    - 8.2.1.4. Product Summary
    - 8.2.1.5. Recent Developments
  - 8.2.2. Abbott Laboratories (U.S.)
  - 8.2.3. Boston Scientific Corporation (U.S.)
  - 8.2.4. BIOTRONIK SE & Co. KG (Germany)
  - 8.2.5. LivaNova PLC (U.K.)

- 8.2.6. Cochlear Limited (Australia)
- 8.2.7. MED-EL (Austria)
- 8.2.8. Sonova Holding AG (Switzerland)
- 8.2.9. William Demant Holding A/S (Denmark)
- 8.2.10. Nurotron Biotechnology Co., Ltd. (China)

## **CHAPTER 9. RESEARCH PROCESS**

- 9.1. Research Process
  - 9.1.1. Data Mining
  - 9.1.2. Analysis
  - 9.1.3. Market Estimation
  - 9.1.4. Validation
  - 9.1.5. Publishing
- 9.2. Research Attributes
- 9.3. Research Assumption



## List Of Tables

### LIST OF TABLES

TABLE 1. Global Active Implantable Medical Devices Market, report scope

TABLE 2. Global Active Implantable Medical Devices Market estimates & forecasts by Region 2019-2029 (USD Billion)

TABLE 3. Global Active Implantable Medical Devices Market estimates & forecasts by Product 2019-2029 (USD Billion)

TABLE 4. Global Active Implantable Medical Devices Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 5. Global Active Implantable Medical Devices Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 6. Global Active Implantable Medical Devices Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 7. Global Active Implantable Medical Devices Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 8. Global Active Implantable Medical Devices Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 9. Global Active Implantable Medical Devices Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 10. Global Active Implantable Medical Devices Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 11. Global Active Implantable Medical Devices Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 12. Global Active Implantable Medical Devices Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 13. Global Active Implantable Medical Devices Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 14. U.S. Active Implantable Medical Devices Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 15. U.S. Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 16. U.S. Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 17. Canada Active Implantable Medical Devices Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 18. Canada Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 19. Canada Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 20. UK Active Implantable Medical Devices Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 21. UK Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 22. UK Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 23. Germany Active Implantable Medical Devices Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 24. Germany Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 25. Germany Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 26. France Active Implantable Medical Devices Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 27. France Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 28. France Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 29. Italy Active Implantable Medical Devices Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 30. Italy Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 31. Italy Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 32. Spain Active Implantable Medical Devices Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 33. Spain Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 34. Spain Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 35. RoE Active Implantable Medical Devices Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 36. RoE Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 37. RoE Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 38. China Active Implantable Medical Devices Market estimates & forecasts,

2019-2029 (USD Billion)

TABLE 39. China Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 40. China Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 41. India Active Implantable Medical Devices Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 42. India Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 43. India Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 44. Japan Active Implantable Medical Devices Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 45. Japan Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 46. Japan Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 47. South Korea Active Implantable Medical Devices Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 48. South Korea Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 49. South Korea Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 50. Australia Active Implantable Medical Devices Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 51. Australia Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 52. Australia Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 53. RoAPAC Active Implantable Medical Devices Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 54. RoAPAC Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 55. RoAPAC Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 56. Brazil Active Implantable Medical Devices Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 57. Brazil Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 58. Brazil Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 59. Mexico Active Implantable Medical Devices Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 60. Mexico Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 61. Mexico Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 62. RoLA Active Implantable Medical Devices Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 63. RoLA Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 64. RoLA Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 65. Row Active Implantable Medical Devices Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 66. Row Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 67. Row Active Implantable Medical Devices Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 68. List of secondary sources, used in the study of global Active Implantable Medical Devices Market

TABLE 69. List of primary sources, used in the study of global Active Implantable Medical Devices Market

TABLE 70. Years considered for the study

TABLE 71. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Active Implantable Medical Devices Market, research methodology
  - FIG 2. Global Active Implantable Medical Devices Market, Market estimation techniques
  - FIG 3. Global Market size estimates & forecast methods
  - FIG 4. Global Active Implantable Medical Devices Market, key trends 2021
  - FIG 5. Global Active Implantable Medical Devices Market, growth prospects 2022-2029
  - FIG 6. Global Active Implantable Medical Devices Market, porters 5 force model
  - FIG 7. Global Active Implantable Medical Devices Market, pest analysis
  - FIG 8. Global Active Implantable Medical Devices Market, value chain analysis
  - FIG 9. Global Active Implantable Medical Devices Market by segment, 2019 & 2029 (USD Billion)
  - FIG 10. Global Active Implantable Medical Devices Market by segment, 2019 & 2029 (USD Billion)
  - FIG 11. Global Active Implantable Medical Devices Market by segment, 2019 & 2029 (USD Billion)
  - FIG 12. Global Active Implantable Medical Devices Market by segment, 2019 & 2029 (USD Billion)
  - FIG 13. Global Active Implantable Medical Devices Market by segment, 2019 & 2029 (USD Billion)
  - FIG 14. Global Active Implantable Medical Devices Market, regional snapshot 2019 & 2029
  - FIG 15. North America Active Implantable Medical Devices Market 2019 & 2029 (USD Billion)
  - FIG 16. Europe Active Implantable Medical Devices Market 2019 & 2029 (USD Billion)
  - FIG 17. Asia Pacific Active Implantable Medical Devices Market 2019 & 2029 (USD Billion)
  - FIG 18. Latin America Active Implantable Medical Devices Market 2019 & 2029 (USD Billion)
  - FIG 19. Global Active Implantable Medical Devices Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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