Arrhythmia Monitoring Devices Market Research Report - Global Forecast till 2023

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Description:

Global Arrhythmia Monitoring Devices Market: By Devices (ECG Stress Test Devices, Holter Monitors), Service Providers (Mobile Cardiac Telemetry Monitoring Service Providers), Application (Bradycardia, Atrial Fibrillation)—Global Forecast till 2023

Arrhythmia Monitoring Devices Market - Scenario

The global arrhythmia monitoring devices market is expected to register a growth of significant CAGR 7.0% during the forecast period (2018–2023).

An arrhythmia is described by an irregular heartbeat where the heart may beat too fast, too slowly, too early, or irregularly. Arrhythmia monitoring devices are tremendously useful in tracking the function of the heart and report any abnormalities in rhythm of heart. Arrhythmia monitoring devices do not just help in sustaining a continuous record of heart function but have also proven to be lifesavers due to their capacity to report abnormalities in normal heart function, like in the case of a cardiac event.

Factors such as advancements in arrhythmia monitoring devices, satisfactory reimbursements for cardiac disorder treatment, increasing incidences of cardiovascular diseases, growing adoption rate of low-cost ECG services among lower income group and favorable government policies for startup companies are boosting the growth of the market. However, lack of skilled specialists to operate, monitor and understand activities of cardiac arrhythmia monitoring devices and unintended negative consequences of advanced ECG monitors in general care settings will hinder the market growth to some extent. Moreover, these adverse impacts could additionally limit the adoption of these devices and hinder the growth of the industry over the forecast period.

Segmentation:

The global arrhythmia monitoring devices market has been segmented on the devices, service providers, application, end users.

On the basis of devices, the market has been classified as Implantable cardiac monitors, mobile cardiac telemetry devices, resting ECG devices, ECG stress test devices, holter monitors and others.

On the basis of service providers, the market has been classified as mobile cardiac telemetry monitoring service providers, independent diagnostic testing facilities/clinics, others.

On the basis of application, the market has been classified as bradycardia, tachycardia, atrial fibrillation, ventricular fibrillation, premature contraction, conduction disorders and others.

On the basis of end users, the market has been classified as hospitals & clinics, ambulatory surgery centers, diagnostic centers, home care settings, long term care centers, emergency medical services.

On the basis of region, the market is segmented into the Americas, Europe, Asia-Pacific, and the Middle East and Africa. The Americas has been further segmented into North America and South America, with the North American market divided into the US and Canada.

The European arrhythmia monitoring devices market has been segmented into Western Europe and
Eastern Europe. Western Europe has further been classified as Germany, France, the UK, Italy, Spain, and the rest of Western Europe.

The arrhythmia monitoring devices market in Asia-Pacific has been segmented into Japan, China, India, South Korea, Australia, and the rest of Asia-Pacific. The arrhythmia monitoring devices market in the Middle East and Africa has been segmented into the Middle East and Africa.

**Regional Market Summary:**

**Global Arrhythmia Monitoring Devices Market Share, by Region, 2017 (%)**

In the arrhythmia monitoring devices market, North America is anticipated to account for largest market share due to the early adoption of advanced medical technologies, continuous development by companies operating into drugs. According to Centers for Disease Control and Prevention, around 2.7–6.1 million people in the United States have atrial fibrillation.

The European market is expected to hold the second largest market share. Factors such as a rise in research expenses, advancement of technology, the decline in human health, and the necessity for innovative and effective therapies boost the growth of the market in this region. According to the European Heart Network AISBL, in Europe, every year around 3.9 million deaths are due to cardiovascular diseases (CVD). In 2015, there were 11.3 million new cases of CVD in Europe and 6.1 million new cases of CVD in the European Union according to European Heart Network AISBL.

Whereas the market share in Asia-Pacific region is also anticipated to experience growth in the near future due to access to optimal treatment facilities and growing demand for increasing government initiatives, advanced technology, better adoption rate, and rising healthcare expenditure. Countries in the Asia pacific region, such as China and India, are the hotspots for investment opportunities due to treatment and research activities, growing number of partnerships and healthcare modernization, growing rate of diagnosis, quality improvisations. In order to increase the revenue share, ECG monitoring device manufacturing companies are concentrating on the development of advanced ECG monitoring devices such as cardiac telemetry monitors and implantable cardiac monitors with advanced facilities, that will indirectly pump the demand of arrhythmia monitoring devices and also boost the services and software market over the forecast period.

The market in the Middle East & Africa is expected to account for the smallest share of the global Parkinson's disease treatment market due to an underdeveloped healthcare sector, the dearth of technical knowledge, and poor medical facilities.

**Key Players:**

Some of the key players in the global arrhythmia monitoring devices market are Cardiac Science Corporation, NUUBO Smart Solutions Technologies, Koninklijke Philips, GE Healthcare, Welch Allyn, Spacelabs Healthcare, Nihon Kohden Corporation, Fukuda Denshi, BioTelemetry, Inc., AliveCor, Inc., Biotronik, Medtronic, Abbott, Applied Cardiac Systems, Aurora Resurgence, iRhythm
Global Arrhythmia Monitoring Devices Market, by Devices

- Implantable Cardiac Monitors
- Mobile Cardiac Telemetry Devices
- Resting ECG Devices
- ECG Stress Test Devices
- Holter Monitors
- Others

Global Arrhythmia Monitoring Devices Market, by Service Providers

- Mobile Cardiac Telemetry Monitoring Service Providers
- Independent Diagnostic Testing Facilities/Clinics
- Others

Global Arrhythmia Monitoring Devices Market, by Application

- Bradycardia
- Tachycardia
- Atrial Fibrillation
- Ventricular Fibrillation
- Premature Contraction
- Conduction disorders
- Others

Global Arrhythmia Monitoring Devices Market, by End-Users

- Hospitals & Clinics
- Ambulatory Surgery Centers
- Diagnostic Centers
- Homecare settings
- long term care centers
- Emergency Medical services

Global Arrhythmia Monitoring Devices Market, by Region

Americas
North America

- US
- Canada
South America

Europe
Western Europe

- Germany
- France
- Italy
- Spain
- UK
- Rest of Western Europe

Eastern Europe

Asia-Pacific

- Japan
- China
- India
- Australia
- South Korea
- Rest of Asia-Pacific

Middle East & Africa

- Middle East
- Africa

Company Profiles

- Cardiac Science Corporation
- NUUBO Smart Solutions Technologies
- Koninklijke Philips
- GE Healthcare
- Welch Allyn
- Spacelabs Healthcare
- Nihon Kohden Corporation
- Fukuda Denshi
- BioTelemetry, Inc.
- AliveCor, Inc.
Intended Audience

Manufacturers and distributors
Healthcare institutions (hospitals, laboratories, medical schools, and outpatient clinics)
Research institutes
Contract manufacturing organizations (CMOs)
Government associations
Market research and consulting firms
Venture capitalists and investors
Chapter 6. Global Arrhythmia monitoring devices Market, by Devices

6.1 Introduction
6.2 Implantable Cardiac Monitors
   Market Estimates & Forecast, by Region, 2018–2023
6.3 Mobile Cardiac Telemetry Devices
   Market Estimates & Forecast, by Region, 2018–2023
6.4 Resting ECG Devices
   Market Estimates & Forecast, by Region, 2018–2023
6.5 ECG Stress Test Devices
   Market Estimates & Forecast, by Region, 2018–2023
6.6 Holter Monitors
   Market Estimates & Forecast, by Region, 2018–2023
6.7 Others
   Market Estimates & Forecast, by Region, 2018–2023

Chapter 7. Global Arrhythmia monitoring devices Market, by Service Providers

7.1 Introduction
7.2 Mobile Cardiac Telemetry Monitoring Service Providers
   Market Estimates & Forecast, by Region, 2018–2023
7.3 Independent Diagnostic Testing Facilities/Clinics
   Market Estimates & Forecast, by Region, 2018–2023
7.4 Others
   Market Estimates & Forecast, by Region, 2018–2023

Chapter 8. Global Arrhythmia monitoring devices Market, by Application

8.1 Introduction
8.2 Bradycardia
   Market Estimates & Forecast, by Region, 2018–2023
8.3 Tachycardia
   Market Estimates & Forecast, by Region, 2018–2023
8.4 Atrial Fibrillation
   Market Estimates & Forecast, by Region, 2018–2023
8.5 Ventricular Fibrillation
   Market Estimates & Forecast, by Region, 2018–2023
8.6 Premature Contraction
   Market Estimates & Forecast, by Region, 2018–2023
8.7 Conduction disorders
   Market Estimates & Forecast, by Region, 2018–2023
8.8 Others
   Market Estimates & Forecast, by Region, 2018–2023

Chapter 9. Global Arrhythmia monitoring devices Market, by End-Users

9.1 Introduction
9.2 Hospitals & Clinics
   Market Estimates & Forecast, by Region, 2018–2023
9.3 Ambulatory Surgery Centers
   Market Estimates & Forecast, by Region, 2018–2023
9.4 Diagnostic Centers
   Market Estimates & Forecast, by Region, 2018–2023
9.5 Homecare settings
   Market Estimates & Forecast, by Region, 2018–2023
9.6 Emergency Medical services
   Market Estimates & Forecast, by Region, 2018–2023
Chapter 10. Global Arrhythmia monitoring devices Market, by Region

10.1 Introduction
10.2 Americas
10.2.1 North America
10.2.1.1 US
10.2.1.2 Canada
10.2.2 South America
10.3 Europe
10.3.1 Western Europe
10.3.1.1 Germany
10.3.1.2 France
10.3.1.3 Italy
10.3.1.4 Spain
10.3.1.5 UK
10.3.1.6 Rest of Western Europe
10.3.2 Eastern Europe
10.4 Asia-Pacific
10.4.1 Japan
10.4.2 China
10.4.3 India
10.4.4 Australia
10.4.5 South Korea
10.4.6 Rest of Asia-Pacific
10.5 Middle East & Africa
10.5.1 Middle East
10.5.2 Africa

Chapter 11. Company Landscape

11.1 Introduction
11.2 Market Share Analysis
11.3 Key Development & Strategies

Chapter 12. Company Profiles

12.1 Cardiac Science Corporation
12.1.1 Company Overview
12.1.2 Devices Overview
12.1.3 Financials Overview
12.1.4 Key Developments
12.1.5 SWOT Analysis
12.2 NUUBO Smart Solutions Technologies
12.2.1 Company Overview
12.2.2 Devices Overview
12.2.3 Financial Overview
12.2.4 Key Developments
12.2.5 SWOT Analysis
12.3 Koninklijke Philips
12.3.1 Company Overview
12.3.2 Devices Overview
12.3.3 Financial Overview
12.3.4 Key Development
12.3.5 SWOT Analysis
12.4 GE Healthcare
12.4.1 Company Overview
12.4.2 Technology/Business Segment Overview
12.4.3 Financial Overview
12.4.4 Key Development
12.4.5 SWOT Analysis
12.5 Welch Allyn
12.5.1 Company Overview
12.5.2 Devices Overview
12.5.3 Financial overview
12.5.4 Key Developments
12.5.5 SWOT Analysis
12.6 Spacelabs Healthcare
12.6.1 Company Overview
12.6.2 Devices Overview
12.6.3 Financial Overview
12.6.4 Key Developments
12.6.5 SWOT Analysis
12.7 Nihon Kohden Corporation
12.7.1 Overview
12.7.2 Devices Overview
12.7.3 Financial Overview
12.7.4 Key Developments
12.7.5 SWOT Analysis
12.8 Fukuda Denshi
12.8.1 Overview
Table 5 Global Arrhythmia monitoring devices Market, by Service Providers, 2018–2023 (USD Million)
Table 6 Global Arrhythmia monitoring devices Market, by Application, 2018–2023 (USD Million)
Table 7 Global Arrhythmia monitoring devices Market, by End-users, 2018–2023 (USD Million)
Table 8 North America: Arrhythmia monitoring devices Market, by Devices, 2018–2023 (USD Million)
Table 9 North America: Arrhythmia monitoring devices Market, by Application, 2018–2023 (USD Million)
Table 10 North America: Arrhythmia monitoring devices Market, by Devices, 2018–2023 (USD Million)
Table 11 North America: Arrhythmia monitoring devices Market, by End-users, 2018–2023 (USD Million)
Table 12 US: Arrhythmia monitoring devices Market, by Devices, 2018–2023 (USD Million)
Table 13 US: Arrhythmia monitoring devices Market, by Service Providers, 2018–2023 (USD Million)
Table 14 US: Arrhythmia monitoring devices Market, by Application, 2018–2023 (USD Million)
Table 15 US: Arrhythmia monitoring devices Market, by End-users, 2018–2023 (USD Million)
Table 16 Canada: Arrhythmia monitoring devices Market, by Devices, 2018–2023 (USD Million)
Table 17 Canada: Arrhythmia monitoring devices Market, by Service Providers, 2018–2023 (USD Million)
Table 18 Canada: Arrhythmia monitoring devices Market, by Application, 2018–2023 (USD Million)
Table 19 Canada: Arrhythmia monitoring devices Market, by End-users, 2018–2023 (USD Million)
Table 20 South America: Arrhythmia monitoring devices Market, by Devices, 2018–2023 (USD Million)
Table 21 South America: Arrhythmia monitoring devices Market, by Service Providers, 2018–2023 (USD Million)
Table 22 South America: Arrhythmia monitoring devices Market, by Application, 2018–2023 (USD Million)
Table 23 South America: Arrhythmia monitoring devices Market, by End-users, 2018–2023 (USD Million)
Table 24 Europe: Arrhythmia monitoring devices Market, by Devices, 2018–2023 (USD Million)
Table 25 Europe: Arrhythmia monitoring devices Market, by Service Providers, 2018–2023 (USD Million)
Table 26 Europe: Arrhythmia monitoring devices Market, by Application, 2018–2023 (USD Million)
Table 27 Europe: Arrhythmia monitoring devices Market, by End-users, 2018–2023 (USD Million)
Table 28 Western Europe: Arrhythmia monitoring devices Market, by Devices, 2018–2023 (USD Million)
Table 29 Western Europe: Arrhythmia monitoring devices Market, by Service Providers, 2018–2023 (USD Million)
Table 30 Western Europe: Arrhythmia monitoring devices Market, by Application, 2018–2023 (USD Million)
Table 31 Western Europe: Arrhythmia monitoring devices Market, by End-users, 2018–2023 (USD Million)
Table 32 Eastern Europe: Arrhythmia monitoring devices Market, by Devices, 2018–2023 (USD Million)
Table 33 Eastern Europe Arhythmia monitoring devices Market, by Service Providers, 2018–2023 (USD Million)
Table 34 Eastern Europe Arrhythmia monitoring devices Market, by Application, 2018–2023 (USD Million)
Table 35 Eastern Europe: Arrhythmia monitoring devices Market, by End-users, 2018–2023 (USD Million)
Table 36 Asia-Pacific: Arrhythmia monitoring devices Market, by Devices, 2018–2023 (USD Million)
Table 37 Asia-Pacific: Arrhythmia monitoring devices Market, by Service Providers, 2018–2023 (USD Million)
Table 38 Asia-Pacific: Arrhythmia monitoring devices Market, by Application, 2018–2023 (USD Million)
Table 39 Asia-Pacific: Arrhythmia monitoring devices Market, by End-users, 2018–2023 (USD Million)
Table 40 Middle East & Africa: Arrhythmia monitoring devices Market, by Devices, 2018–2023 (USD Million)
Table 41 Middle East & Africa Arrhythmia monitoring devices Market, by Service Providers, 2018–2023 (USD Million)
Table 42 Middle East & Africa: Arrhythmia monitoring devices Market, by Application, 2018–2023 (USD Million)
Table 43 Middle East & Africa: Arrhythmia monitoring devices Market, by End-users, 2018–2023 (USD Million)

LIST OF FIGURES

Figure 1 Research Process
Figure 2 Segmentation for Global Arrhythmia monitoring devices Market
Figure 3 Segmentation Market Dynamics for Global Arrhythmia monitoring devices Market
Figure 4 Global Arrhythmia monitoring devices Market Share, by Devices, 2017
Figure 5 Global Arrhythmia monitoring devices Market Share, by Service Providers, 2017
Figure 4 Global Arrhythmia monitoring devices Market Share, by Application, 2017
Figure 6 Global Arrhythmia monitoring devices Market, by End-users, 2018–2023 (USD Million)
Figure 7 Global Arrhythmia monitoring devices Market Share, by Region, 2017
Figure 8 North America: Arrhythmia monitoring devices Market Share, by Country, 2017
Figure 9 Europe: Arrhythmia monitoring devices Market Share, by Country, 2017
Figure 10 Asia-Pacific: Arrhythmia monitoring devices Market Share, by Country, 2017
Figure 11 Middle East & Africa: Arrhythmia monitoring devices Market Share, by Country, 2017
Figure 12 Global Arrhythmia monitoring devices Market: Company Share Analysis, 2017 (%)
Figure 13 Cardiac Science Corporation: Key Financials
Figure 14 Cardiac Science Corporation: Segmental Revenue
Figure 15 Cardiac Science Corporation: Geographical Revenue
Figure 16 NUUBO Smart Solutions Technologies: Key Financials
Figure 17 NUUBO Smart Solutions Technologies: Segmental Revenue
Figure 18 NUUBO Smart Solutions Technologies: Geographical Revenue
Figure 19 Koninklijke Philips: Key Financials
Figure 20 Koninklijke Philips: Segmental Revenue
Figure 21 Koninklijke Philips: Geographical Revenue
Figure 22 GE Healthcare: Key Financials
Figure 23 GE Healthcare: Segmental Revenue
Figure 24 GE Healthcare: Geographical Revenue
Figure 25 Welch Allyn: Key Financials
Figure 26 Welch Allyn: Segmental Revenue
Figure 27 Welch Allyn: Geographical Revenue
Figure 28 Spacealabs Healthcare: Geographical Revenue
Figure 29 Spacealabs Healthcare: Segmental Revenue
Figure 30 Spacealabs Healthcare: Geographical Revenue
Figure 31 Nihon Kohden Corporation: Key Financials
Figure 32 Nihon Kohden Corporation: Segmental Revenue
Figure 33 Nihon Kohden Corporation: Geographical Revenue
Figure 34 Fukuda Denshi: Key Financials
Figure 35 Fukuda Denshi: Segmental Revenue
Figure 36 Fukuda Denshi: Geographical Revenue
Figure 37 BioTelemetry, Inc.: Key Financials