

Arrhythmia Monitoring Device Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application, Product Type

<https://marketpublishers.com/r/A7F6421E7105EN.html>

Date: April 2025

Pages: 86

Price: US\$ 3,200.00 (Single User License)

ID: A7F6421E7105EN

Abstracts

Arrhythmia Monitoring Devices Market Summary

Introduction

Arrhythmia monitoring devices, including ECG monitors, implantable monitors, Holter monitors, and mobile cardiac telemetry systems, are essential for detecting and managing irregular heart rhythms such as atrial fibrillation (affecting over 37.5 million people globally) and tachycardia. With cardiovascular diseases causing approximately 17.9 million deaths annually worldwide, the demand for early diagnosis and continuous monitoring is surging. The market is driven by an aging population, rising lifestyle-related risk factors, and advancements in wearable and AI technologies. The global market is projected to reach between USD 4.1 billion and USD 6.9 billion in 2025, with a CAGR of 6.1% to 8.9% through 2030.

Regional Analysis

North America: The U.S. leads with high adoption of remote monitoring, while Canada focuses on elderly cardiac care.

Europe: Germany, France, and the UK drive demand due to advanced healthcare and aging demographics.

Asia Pacific: China and India see growth from rising heart disease prevalence, while

Japan emphasizes precision diagnostics.

Rest of the World: Brazil expands cardiac screening, and the Middle East invests in telemedicine solutions.

Application Analysis

Hospitals and Clinics: Expected growth of 5.9%-8.7%, driven by acute care needs. Trends focus on integrated systems.

Ambulatory Centers: Projected growth of 6.2%-9.0%, linked to outpatient monitoring. Developments emphasize portability.

Diagnostic Centers: Anticipated growth of 6.0%-8.8%, suited for specialized testing. Advances prioritize accuracy.

Others: Expected growth of 5.8%-8.6%, covering home use. Trends lean toward user-friendly designs.

Type Analysis

ECG Monitors: Expected growth of 6.0%-8.8%, valued for real-time detection. Trends highlight wearable integration.

Implantable Monitors: Projected growth of 6.3%-9.1%, key for long-term tracking. Advances focus on miniaturization.

Holter Monitors: Anticipated growth of 5.9%-8.7%, suited for short-term use. Innovations emphasize comfort.

Mobile Cardiac Telemetry: Expected growth of 6.4%-9.2%, driven by remote capabilities. Trends lean toward 5G connectivity.

Others: Projected growth of 5.7%-8.5%, covering niche devices. Advances focus on affordability.

Key Market Players

Leading firms include Medtronic, advancing with LINQ II; Abbott, offering diagnostic

tools; iRhythm Technologies, launching Zio systems; Philips, enhancing telemetry; AliveCor, developing KardiaMobile; Biotronik, focusing on implants; GE HealthCare, integrating AI; ACS Diagnostics, supporting cardiac care; FUKUDA DENSHI, offering ECG solutions; and Spacelabs Healthcare, targeting monitoring systems.

Porter's Five Forces Analysis

? Threat of New Entrants: Moderate, due to regulatory and technological barriers, though innovative startups can disrupt.

? Threat of Substitutes: Low, as arrhythmia monitors provide unique continuous tracking capabilities.

? Bargaining Power of Buyers: Moderate, with healthcare providers seeking reliable, cost-effective devices, though specialized needs limit options.

? Bargaining Power of Suppliers: Low, with multiple component suppliers available.

? Competitive Rivalry: High, with competition on AI integration, portability, and data accuracy.

Market Opportunities and Challenges

Opportunities:

? Atrial fibrillation (37.5 million cases) and cardiovascular deaths (17.9 million annually) drive demand.

? Aging populations (2.1 billion over 60 by 2050) and lifestyle risks (1.3 billion smokers) boost needs, while AI and 5G enhance diagnostics.

? Telemedicine growth and awareness campaigns increase adoption.

Challenges:

? High costs of advanced devices limit access in low-income regions.

? Regulatory delays for AI-integrated systems slow entry.

? Data privacy concerns and limited specialists in rural areas restrict growth.

Market News

? In July 2024, Octagos Health secured USD 43 million from Morgan Stanley to advance AI-powered cardiac monitoring.

? In January 2024, iRhythm Technologies received CE mark approval for its Zio monitor ECG system under EU MDR standards.

? In July 2021, Medtronic's AccuRhythm AI algorithms for LINQ II received FDA approval, enhancing diagnostic precision.

Contents

CHAPTER 1 EXECUTIVE SUMMARY

CHAPTER 2 ABBREVIATION AND ACRONYMS

CHAPTER 3 PREFACE

- 3.1 Research Scope
- 3.2 Research Sources
 - 3.2.1 Data Sources
 - 3.2.2 Assumptions
- 3.3 Research Method
- Chapter Four Market Landscape
- 4.1 Market Overview
- 4.2 Classification/Types
- 4.3 Application/End Users

CHAPTER 5 MARKET TREND ANALYSIS

- 5.1 Introduction
- 5.2 Drivers
- 5.3 Restraints
- 5.4 Opportunities
- 5.5 Threats

CHAPTER 6 INDUSTRY CHAIN ANALYSIS

- 6.1 Upstream/Suppliers Analysis
- 6.2 Arrhythmia Monitoring Device Analysis
 - 6.2.1 Technology Analysis
 - 6.2.2 Cost Analysis
 - 6.2.3 Market Channel Analysis
- 6.3 Downstream Buyers/End Users

CHAPTER 7 LATEST MARKET DYNAMICS

- 7.1 Latest News
- 7.2 Merger and Acquisition

7.3 Planned/Future Project

7.4 Policy Dynamics

CHAPTER 8 HISTORICAL AND FORECAST ARRHYTHMIA MONITORING DEVICE MARKET IN NORTH AMERICA (2020-2030)

8.1 Arrhythmia Monitoring Device Market Size

8.2 Arrhythmia Monitoring Device Market by End Use

8.3 Competition by Players/Suppliers

8.4 Arrhythmia Monitoring Device Market Size by Type

8.5 Key Countries Analysis

8.5.1 United States

8.5.2 Canada

8.5.3 Mexico

CHAPTER 9 HISTORICAL AND FORECAST ARRHYTHMIA MONITORING DEVICE MARKET IN SOUTH AMERICA (2020-2030)

9.1 Arrhythmia Monitoring Device Market Size

9.2 Arrhythmia Monitoring Device Market by End Use

9.3 Competition by Players/Suppliers

9.4 Arrhythmia Monitoring Device Market Size by Type

9.5 Key Countries Analysis

9.5.1 Brazil

9.5.2 Argentina

9.5.3 Chile

9.5.4 Peru

CHAPTER 10 HISTORICAL AND FORECAST ARRHYTHMIA MONITORING DEVICE MARKET IN ASIA & PACIFIC (2020-2030)

10.1 Arrhythmia Monitoring Device Market Size

10.2 Arrhythmia Monitoring Device Market by End Use

10.3 Competition by Players/Suppliers

10.4 Arrhythmia Monitoring Device Market Size by Type

10.5 Key Countries Analysis

10.5.1 China

10.5.2 India

10.5.3 Japan

- 10.5.4 South Korea
- 10.5.5 Southeast Asia
- 10.5.6 Australia

CHAPTER 11 HISTORICAL AND FORECAST ARRHYTHMIA MONITORING DEVICE MARKET IN EUROPE (2020-2030)

- 11.1 Arrhythmia Monitoring Device Market Size
- 11.2 Arrhythmia Monitoring Device Market by End Use
- 11.3 Competition by Players/Suppliers
- 11.4 Arrhythmia Monitoring Device Market Size by Type
- 11.5 Key Countries Analysis
 - 11.5.1 Germany
 - 11.5.2 France
 - 11.5.3 United Kingdom
 - 11.5.4 Italy
 - 11.5.5 Spain
 - 11.5.6 Belgium
 - 11.5.7 Netherlands
 - 11.5.8 Austria
 - 11.5.9 Poland
 - 11.5.10 Russia

CHAPTER 12 HISTORICAL AND FORECAST ARRHYTHMIA MONITORING DEVICE MARKET IN MEA (2020-2030)

- 12.1 Arrhythmia Monitoring Device Market Size
- 12.2 Arrhythmia Monitoring Device Market by End Use
- 12.3 Competition by Players/Suppliers
- 12.4 Arrhythmia Monitoring Device Market Size by Type
- 12.5 Key Countries Analysis
 - 12.5.1 Egypt
 - 12.5.2 Israel
 - 12.5.3 South Africa
 - 12.5.4 Gulf Cooperation Council Countries
 - 12.5.5 Turkey

CHAPTER 13 SUMMARY FOR GLOBAL ARRHYTHMIA MONITORING DEVICE MARKET (2020-2025)

- 13.1 Arrhythmia Monitoring Device Market Size
- 13.2 Arrhythmia Monitoring Device Market by End Use
- 13.3 Competition by Players/Suppliers
- 13.4 Arrhythmia Monitoring Device Market Size by Type

CHAPTER 14 GLOBAL ARRHYTHMIA MONITORING DEVICE MARKET FORECAST (2025-2030)

- 14.1 Arrhythmia Monitoring Device Market Size Forecast
- 14.2 Arrhythmia Monitoring Device Application Forecast
- 14.3 Competition by Players/Suppliers
- 14.4 Arrhythmia Monitoring Device Type Forecast

CHAPTER 15 ANALYSIS OF GLOBAL KEY VENDORS

- 15.1 Medtronic
 - 15.1.1 Company Profile
 - 15.1.2 Main Business and Arrhythmia Monitoring Device Information
 - 15.1.3 SWOT Analysis of Medtronic
 - 15.1.4 Medtronic Arrhythmia Monitoring Device Revenue, Gross Margin and Market Share (2020-2025)
- 15.2 Abbott
 - 15.2.1 Company Profile
 - 15.2.2 Main Business and Arrhythmia Monitoring Device Information
 - 15.2.3 SWOT Analysis of Abbott
 - 15.2.4 Abbott Arrhythmia Monitoring Device Revenue, Gross Margin and Market Share (2020-2025)
- 15.3 iRhythm Technologies
 - 15.3.1 Company Profile
 - 15.3.2 Main Business and Arrhythmia Monitoring Device Information
 - 15.3.3 SWOT Analysis of iRhythm Technologies
 - 15.3.4 iRhythm Technologies Arrhythmia Monitoring Device Revenue, Gross Margin and Market Share (2020-2025)
- 15.4 Philips
 - 15.4.1 Company Profile
 - 15.4.2 Main Business and Arrhythmia Monitoring Device Information
 - 15.4.3 SWOT Analysis of Philips
 - 15.4.4 Philips Arrhythmia Monitoring Device Revenue, Gross Margin and Market

Share (2020-2025)

15.5 AliveCor

15.5.1 Company Profile

15.5.2 Main Business and Arrhythmia Monitoring Device Information

15.5.3 SWOT Analysis of AliveCor

15.5.4 AliveCor Arrhythmia Monitoring Device Revenue, Gross Margin and Market

Share (2020-2025)

15.6 Biotronik

15.6.1 Company Profile

15.6.2 Main Business and Arrhythmia Monitoring Device Information

15.6.3 SWOT Analysis of Biotronik

15.6.4 Biotronik Arrhythmia Monitoring Device Revenue, Gross Margin and Market

Share (2020-2025)

Please ask for sample pages for full companies list

Tables and Figures

Table Abbreviation and Acronyms

Table Research Scope of Arrhythmia Monitoring Device Report

Table Data Sources of Arrhythmia Monitoring Device Report

Table Major Assumptions of Arrhythmia Monitoring Device Report

Figure Market Size Estimated Method

Figure Major Forecasting Factors

Figure Arrhythmia Monitoring Device Picture

Table Arrhythmia Monitoring Device Classification

Table Arrhythmia Monitoring Device Applications

Table Drivers of Arrhythmia Monitoring Device Market

Table Restraints of Arrhythmia Monitoring Device Market

Table Opportunities of Arrhythmia Monitoring Device Market

Table Threats of Arrhythmia Monitoring Device Market

Table Covid-19 Impact For Arrhythmia Monitoring Device Market

Table Raw Materials Suppliers

Table Different Production Methods of Arrhythmia Monitoring Device

Table Cost Structure Analysis of Arrhythmia Monitoring Device

Table Key End Users

Table Latest News of Arrhythmia Monitoring Device Market

Table Merger and Acquisition

Table Planned/Future Project of Arrhythmia Monitoring Device Market

Table Policy of Arrhythmia Monitoring Device Market

Table 2020-2030 North America Arrhythmia Monitoring Device Market Size

Figure 2020-2030 North America Arrhythmia Monitoring Device Market Size and CAGR

Table 2020-2030 North America Arrhythmia Monitoring Device Market Size by Application

Table 2020-2025 North America Arrhythmia Monitoring Device Key Players Revenue

Table 2020-2025 North America Arrhythmia Monitoring Device Key Players Market Share

Table 2020-2030 North America Arrhythmia Monitoring Device Market Size by Type

Table 2020-2030 United States Arrhythmia Monitoring Device Market Size

Table 2020-2030 Canada Arrhythmia Monitoring Device Market Size

Table 2020-2030 Mexico Arrhythmia Monitoring Device Market Size

Table 2020-2030 South America Arrhythmia Monitoring Device Market Size

Figure 2020-2030 South America Arrhythmia Monitoring Device Market Size and CAGR

Table 2020-2030 South America Arrhythmia Monitoring Device Market Size by Application

Table 2020-2025 South America Arrhythmia Monitoring Device Key Players Revenue

Table 2020-2025 South America Arrhythmia Monitoring Device Key Players Market Share

Table 2020-2030 South America Arrhythmia Monitoring Device Market Size by Type

Table 2020-2030 Brazil Arrhythmia Monitoring Device Market Size

Table 2020-2030 Argentina Arrhythmia Monitoring Device Market Size

Table 2020-2030 Chile Arrhythmia Monitoring Device Market Size

Table 2020-2030 Peru Arrhythmia Monitoring Device Market Size

Table 2020-2030 Asia & Pacific Arrhythmia Monitoring Device Market Size

Figure 2020-2030 Asia & Pacific Arrhythmia Monitoring Device Market Size and CAGR

Table 2020-2030 Asia & Pacific Arrhythmia Monitoring Device Market Size by Application

Table 2020-2025 Asia & Pacific Arrhythmia Monitoring Device Key Players Revenue

Table 2020-2025 Asia & Pacific Arrhythmia Monitoring Device Key Players Market Share

Table 2020-2030 Asia & Pacific Arrhythmia Monitoring Device Market Size by Type

Table 2020-2030 China Arrhythmia Monitoring Device Market Size

Table 2020-2030 India Arrhythmia Monitoring Device Market Size

Table 2020-2030 Japan Arrhythmia Monitoring Device Market Size

Table 2020-2030 South Korea Arrhythmia Monitoring Device Market Size

Table 2020-2030 Southeast Asia Arrhythmia Monitoring Device Market Size

Table 2020-2030 Australia Arrhythmia Monitoring Device Market Size

Table 2020-2030 Europe Arrhythmia Monitoring Device Market Size

Figure 2020-2030 Europe Arrhythmia Monitoring Device Market Size and CAGR

Table 2020-2030 Europe Arrhythmia Monitoring Device Market Size by Application

Table 2020-2025 Europe Arrhythmia Monitoring Device Key Players Revenue

Table 2020-2025 Europe Arrhythmia Monitoring Device Key Players Market Share
Table 2020-2030 Europe Arrhythmia Monitoring Device Market Size by Type
Table 2020-2030 Germany Arrhythmia Monitoring Device Market Size
Table 2020-2030 France Arrhythmia Monitoring Device Market Size
Table 2020-2030 United Kingdom Arrhythmia Monitoring Device Market Size
Table 2020-2030 Italy Arrhythmia Monitoring Device Market Size
Table 2020-2030 Spain Arrhythmia Monitoring Device Market Size
Table 2020-2030 Belgium Arrhythmia Monitoring Device Market Size
Table 2020-2030 Netherlands Arrhythmia Monitoring Device Market Size
Table 2020-2030 Austria Arrhythmia Monitoring Device Market Size
Table 2020-2030 Poland Arrhythmia Monitoring Device Market Size
Table 2020-2030 Russia Arrhythmia Monitoring Device Market Size
Table 2020-2030 MEA Arrhythmia Monitoring Device Market Size
Figure 2020-2030 MEA Arrhythmia Monitoring Device Market Size and CAGR
Table 2020-2030 MEA Arrhythmia Monitoring Device Market Size by Application
Table 2020-2025 MEA Arrhythmia Monitoring Device Key Players Revenue
Table 2020-2025 MEA Arrhythmia Monitoring Device Key Players Market Share
Table 2020-2030 MEA Arrhythmia Monitoring Device Market Size by Type
Table 2020-2030 Egypt Arrhythmia Monitoring Device Market Size
Table 2020-2030 Israel Arrhythmia Monitoring Device Market Size
Table 2020-2030 South Africa Arrhythmia Monitoring Device Market Size
Table 2020-2030 Gulf Cooperation Council Countries Arrhythmia Monitoring Device Market Size
Table 2020-2030 Turkey Arrhythmia Monitoring Device Market Size
Table 2020-2025 Global Arrhythmia Monitoring Device Market Size by Region
Table 2020-2025 Global Arrhythmia Monitoring Device Market Size Share by Region
Table 2020-2025 Global Arrhythmia Monitoring Device Market Size by Application
Table 2020-2025 Global Arrhythmia Monitoring Device Market Share by Application
Table 2020-2025 Global Arrhythmia Monitoring Device Key Vendors Revenue
Figure 2020-2025 Global Arrhythmia Monitoring Device Market Size and Growth Rate
Table 2020-2025 Global Arrhythmia Monitoring Device Key Vendors Market Share
Table 2020-2025 Global Arrhythmia Monitoring Device Market Size by Type
Table 2020-2025 Global Arrhythmia Monitoring Device Market Share by Type
Table 2025-2030 Global Arrhythmia Monitoring Device Market Size by Region
Table 2025-2030 Global Arrhythmia Monitoring Device Market Size Share by Region
Table 2025-2030 Global Arrhythmia Monitoring Device Market Size by Application
Table 2025-2030 Global Arrhythmia Monitoring Device Market Share by Application
Table 2025-2030 Global Arrhythmia Monitoring Device Key Vendors Revenue
Figure 2025-2030 Global Arrhythmia Monitoring Device Market Size and Growth Rate

Table 2025-2030 Global Arrhythmia Monitoring Device Key Vendors Market Share

Table 2025-2030 Global Arrhythmia Monitoring Device Market Size by Type

Table 2025-2030 Arrhythmia Monitoring Device Global Market Share by Type

I would like to order

Product name: Arrhythmia Monitoring Device Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application, Product Type

Product link: <https://marketpublishers.com/r/A7F6421E7105EN.html>

Price: US\$ 3,200.00 (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 <https://marketpublishers.com/r/A7F6421E7105EN.html>