

# Global AI in Cardiac Diagnostics and Monitoring Market 2023

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## Abstracts

Artificial intelligence (AI) has made significant advancements in the field of cardiac diagnostics and monitoring, revolutionizing the way cardiac conditions are detected, diagnosed, and managed. AI technologies are being integrated into various aspects of cardiac care, offering the potential to improve accuracy, efficiency, and patient outcomes.

One of the key areas where AI is making an impact is in the analysis of cardiac imaging data, such as echocardiograms, cardiac MRI, and CT scans. AI algorithms can process large volumes of imaging data to assist clinicians in identifying abnormalities, measuring cardiac function, and detecting subtle changes that may indicate the presence of cardiovascular disease.

In addition to imaging, AI is being used to analyze electrocardiogram (ECG) data. AI algorithms can rapidly interpret ECGs, aiding in the early detection of arrhythmias, ischemic heart disease, and other cardiac abnormalities. This can lead to quicker diagnosis and intervention, potentially saving lives.

The global AI in cardiac diagnostics and monitoring market size is projected to grow by USD 2.1 billion from 2023 to 2029, registering a CAGR of 18.6 percent, according to the latest market data.

This comprehensive industry report provides market estimates and forecasts, accompanied by a detailed examination of the component, type, application, end user, and region aspects. It delivers a quantitative analysis of the market, empowering stakeholders to leverage existing market opportunities. Furthermore, the report identifies key segments for potential opportunities and strategies, drawing insights from

market trends and the approaches of leading competitors.

The global baby bottle market has been extensively analyzed by categorizing it according to various sub-segments in order to provide accurate forecasts of industry size and assess trends within specific areas.

The global market for AI in cardiac diagnostics and monitoring can be segmented by component: hardware, software. In 2022, the software segment made up the largest share of revenue generated by the AI in cardiac diagnostics and monitoring market.

AI in cardiac diagnostics and monitoring market is further segmented by type: cardiac diagnostics, cardiac monitoring. The cardiac diagnostics segment was the largest contributor to the global AI in cardiac diagnostics and monitoring market in 2022.

Based on application, the AI in cardiac diagnostics and monitoring market is segmented into: arrhythmias, coronary artery disease (CAD), ischemic strokes, others. The CAD segment is estimated to account for the largest share of the global AI in cardiac diagnostics and monitoring market.

On the basis of end user, the AI in cardiac diagnostics and monitoring market also can be divided into: diagnostic centers, hospitals, others. The hospitals segment held the largest share of the global AI in cardiac diagnostics and monitoring market in 2022 and is anticipated to hold its share during the forecast period.

AI in cardiac diagnostics and monitoring market by region is categorized into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America. North America was the highest contributor to the global AI in cardiac diagnostics and monitoring market. Going forward, Asia-Pacific is projected to witness the highest CAGR during the forecast period.

The report explores the recent developments and profiles of key vendors in the Global AI in Cardiac Diagnostics and Monitoring Market, including AI4MedImaging Medical Solutions S.A., Aidoc Medical Ltd., Boston Scientific Corporation, Canon Inc., CathWork Inc., Circle Cardiovascular Imaging Inc., GE HealthCare Technologies, Inc., HeartFlow, Inc., iRhythm Technologies, Inc., Koninklijke Philips N.V. (DiA Imaging Analysis Ltd.), Medicalgorithmics S.A., Nanox.AI Ltd., Siemens Healthineers AG, Tempus Labs, Inc., Ultromics Ltd., Viz.ai, Inc., among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

## Why Choose This Report

Gain a reliable outlook of the global AI in cardiac diagnostics and monitoring market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

Market Segments Covered in Global AI in Cardiac Diagnostics and Monitoring Industry Analysis:

### i.) Component

Hardware

Software

### ii.) Type

Cardiac diagnostics

Cardiac monitoring

### iii.) Application

Arrhythmias

Coronary artery disease (CAD)

Ischemic strokes

Others

iv.) End user

Diagnostic centers

Hospitals

Others

v.) Region

North America

Europe

Asia-Pacific

MEA (Middle East and Africa)

Latin America

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10.16 Viz.ai, Inc.  
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