

Cardiac Ablation Market Size, Share, Competitive Landscape and Trend Analysis Report

*The Business Research Company's
Cardiac Ablation Global Market Report
2025 – Market Size, Trends, And Global
Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED KINGDOM, September 10, 2025
/EINPresswire.com/ -- How Large Will The [Cardiac Ablation Market](#) Be By 2025?



The market for cardiac ablation has seen considerable expansion in the last few years. Projections suggest an increase from \$4.31 billion in 2024 to \$4.90 billion in 2025, indicating a Compound Annual Growth Rate (CAGR) of 13.9%. Factors contributing to this growth in the historical period include an increase in atrial fibrillation cases, an ageing population, heightened awareness surrounding minimally invasive procedures, improved diagnostic facilities, amplified healthcare infrastructure, and a growing need for efficient arrhythmia treatments.



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In the coming years, the cardiac ablation market is projected to experience a swift expansion. The market is forecasted to reach a value of \$8.15 billion in 2029, indicating a compound annual growth rate (CAGR) of 13.6%. This expected growth during the forecast period is primarily due to the increased use of minimally invasive

methods, escalating demand for outpatient cardiac therapies, a growing number of aged people suffering from arrhythmias, the expanding usage of telehealth diagnostics for early detection of arrhythmia, and increased healthcare investments in developing economies. The period of prediction additionally brings trends like advancements in high-density mapping technologies, the fusion of AI and robotics, the creation of next-generation ablation catheters, the use of cryoablation and pulsed field ablation methods, and an increase in real-time imaging and navigation systems.

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What Are The Major Driving Forces Influencing The Cardiac Ablation Market Landscape?

The escalating prevalence of heart-related diseases is anticipated to propel the expansion of the cardiac ablation market. The term cardiac diseases encompasses a variety of illnesses that impact the anatomy and functioning of the heart. These include coronary artery disease, heart failure, and arrhythmias. These diseases are majorly caused by inactive lifestyles leading to health conditions such as obesity, hypertension, and poor cardiovascular health. Cardiac ablation serves as a powerful tool in managing these diseases as it effectively targets and eliminates the defective electrical pathways in the heart. This method elevates the patients' health outcomes by reinstating normal rhythm, alleviating symptoms like palpitations and fatigue, and reducing dependence on continuous medication. For example, figures from the Australian Institute of Health and Welfare, a governmental agency in Australia, in December 2023 showed the death toll from doctor-certified coronary heart disease soared from 14,100 in 2021 to 14,900 in 2022. Hence, the escalating prevalence of cardiac diseases is catalyzing the expansion of the cardiac ablation market.

Who Are The Top Players In The Cardiac Ablation Market?

Major players in the Cardiac Ablation Global Market Report 2025 include:

- Johnson & Johnson
- Abbott Laboratories
- Medtronic plc
- The Sherwin-Williams Company
- Toray Industries Inc.
- GE HealthCare
- PPG Industries Inc.
- Boston Scientific Corporation
- Akzo Nobel N.V.
- Alcon Laboratories Inc.

What Are The Main Trends, Positively Impacting The Growth Of Cardiac Ablation Market?

Prominent entities functioning within the cardiac ablation industry are concentrating on the production of improved and innovative products, such as high-precision mapping catheters. This initiative aims to upgrade procedural efficiency, magnify diagnostic accuracy, and lower potential complications. High-precision mapping catheters are specialized tools employed during cardiac ablation procedures to formulate intricate 3D representations of the heart's electrical patterns. This aids in the definitive identification and appropriate management of arrhythmias. For example, Biosense Webster Inc., a medical device company based in the US, introduced the OCTARAY Mapping Catheter equipped with TRUEref Technology in September 2022. This cutting-edge catheter is designed with eight high-definition mapping electrodes intended to deliver

enhanced signal reliability and precise electroanatomical mapping. Further, the TRUEref technology ensures trustworthy reference signals, reducing noise and enriching the clarity of cardiac maps. This allows doctors to conduct quicker and more efficient procedures with increased confidence in diagnosing and treating complicated arrhythmias.

Market Share And Forecast By Segment In The Global Cardiac Ablation Market

The cardiac ablation market covered in this report is segmented

- 1) By Product Type: Radiofrequency (RF) Ablators, Electrical Ablators, Cryoablation Devices, Ultrasound Ablators, Other Product Types
- 2) By Technology: Conventional Technology, Advanced Technology, Hybrid Technology, Robotic-Assisted Technology
- 3) By Application: Atrial Fibrillation And Flutter, Tachycardia, Other Applications
- 4) By End User: Hospitals, Ambulatory Surgical Centers, Cardiac Centers, Other End Users

Subsegments:

- 1) By Radiofrequency (RF) Ablators: Conventional RF Ablation Catheters, Irrigated-Tip RF Ablation Catheters, Temperature-Controlled RF Ablation Systems
- 2) By Electrical Ablators: Direct Current (DC) Ablators, Pulsed Field Ablation (PFA) Systems
- 3) By Cryoablation Devices: Cryoballoons, Cryoablation Catheters, Cryosurgical Units
- 4) By Ultrasound Ablators: High-Intensity Focused Ultrasound (HIFU) Devices, Intracardiac Echocardiography (ICE)-Guided Ablators
- 5) By Other Product Types: Microwave Ablation Systems, Laser Ablation Systems, Hybrid Ablation Devices

View the full cardiac ablation market report:

<https://www.thebusinessresearchcompany.com/report/cardiac-ablation-global-market-report>

Cardiac Ablation Market Regional Insights

In the Global Market Report of Cardiac Ablation for 2025, North America emerged as the leading region in 2024. Additionally, Europe is projected to experience the swiftest growth during the forecast period. The report offers a comprehensive coverage of various regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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