

# **Global Electrophysiology Devices Market Size study & Forecast, by Type (Ablation Catheters, Diagnostic Catheters, Mapping Systems, and Accessories), By Application (Atrial Fibrillation, Supraventricular Tachycardia (SVT), Ventricular Tachycardia), By End User (Hospitals & ASCs, and Specialty Clinics & Diagnostic Centers) and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Electrophysiology Devices Market is valued at approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. Electrophysiology is the test to assist physicians to understand the complexities of abnormal heart rhythm and access electrical heart rhythm to diagnose arrhythmia or irregular heartbeats. To assess the electrical activity going through blood vessels into the heart, a catheter with a wire electrode is introduced during the procedure. Ablation catheters, a radiofrequency generator, a 3D mapping system, and access devices are examples of electrophysiology devices that are available at hospitals, cardiac centres, and laboratories. The key factor driving the market growth is the increasing prevalence of cardiac arrhythmias such as atrial flutter, atrial fibrillation, and the growing number of approvals for electrophysiology devices, which propel the lucrative demand for the market during the forecast period.

The rise in the prevalence of atrial fibrillation is creating the demand for electrophysiology devices for the treatment. For instance, in 2021, In the United States, Europe, and Asia-Pacific, respectively, 7 million, 14 million, and 20 million people have been diagnosed with atrial fibrillation, as per Johnson & Johnson, a medical device company. Also, rising technological advancement in the field of electrophysiology is anticipated to propel the lucrative opportunity for the market during the forecast period.

For instance, in June 2021, the medical technology company BioSig Technology, Inc. develops electrophysiological signal processing technology and highlights the clinical use of its latest software for arrhythmia care. However, the high cost of Electrophysiology Devices stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Electrophysiology Devices Market study includes 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 high cases of cardiac arrest, heart failure, and cardiac arrhythmia in the region. Whereas, Asia Pacific is also anticipated to exhibit the highest growth rate over the forecast period, owing to factors such as the increasing geriatric population, rising risk of heart diseases, and unmet clinical needs that would create lucrative growth prospects for the Electrophysiology Devices market across the Asia Pacific region.

Major market player included in this report are:

Abbott Laboratories

Medtronic Plc

Boston Scientific Corporation

Johnson & Johnson Services, Inc.

Stereotaxis, Inc.

AtriCure, Inc.

AngioDynamics

Biotronik, Inc.

MicroPort Scientific Corporation

Siemens Healthcare AG

Recent Developments in the Market:

In Apr. 2021, The U.S. FDA approved the Breakthrough Device Designation for the Emprint ablation catheter kit by Medtronic plc. The device has not yet received US approval. The catheter can be used to treat lung lesions with minimally invasive methods.

In Dec. 2020, The launch of the AcQBlate Force Sensing Ablation System in Europe was announced by Acutus Medical. The AcQBlate Force ablation catheter and the Qubic Force sensing module have received the company CE mark.

Global Electrophysiology 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 Type, Application, End User, 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 Type:

Ablation Catheters

Diagnostic Catheters

Mapping Systems

Accessories

By Application:

Atrial Fibrillation

Supraventricular Tachycardia (SVT)

Ventricular Tachycardia

By End User:

Hospitals & ASCs

Specialty Clinics & Diagnostic Centers

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain  
Italy  
ROE  
Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
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RoLA  
Rest of the World

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