

# Cardiac Pacemakers - Global Market Outlook (2017-2023)

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## Abstracts

According to Statistics MRC, the Global Cardiac Pacemakers Market is accounted for \$8.01 billion in 2016 and expected to grow at a CAGR of 9.3% to reach \$14.99 billion by 2023. The factors such as incidence of cardiovascular diseases, implementation of minimally invasive procedures, government-aided awareness programs and multiple technologies such as advanced material and software for cardiac pacemaker are propelling the market growth. However, high cost of treatment and increase in product recalls will restrain the market growth. In addition, trends such as focus on R&D and clinical trials, use of dual-chamber pacemakers increased, focus on development of leadless pacemaker devices and implantable cardioverter defibrillator will be observed by the market.

Based on product segment, Implantable cardiac pacemaker has shown technological advancement as such Leadless pacemakers have other potential advantages over traditional systems. The lack of an extended antenna and limited content of ferromagnetic components makes leadless pacemakers much more readily MR-conditional. The development of miniaturised leadless pacemakers implanted directly into the heart represents a new area for therapy. Also, The biological pacemakers include cardiac cells or cardiac-like cells derived from embryonic stem cells or mesenchymal stem cells are being studied. Recently, wireless endocardial pacing added layer of complexity to the perioperative management of cardiovascular implantable electronic devices (CIED) which has been proposed and still under studies.

Based on technology, the Dual-chamber technology has been adopted as the technology of choice in many Hospitals. This technology represents an advance over single-chamber ventricular demand pacemakers. The radical change in the use for dual chamber technology likely reflects improvements in lead and pacemaker design, which

lead to results of clinical trials that highlight the benefits of atrial-based pacing. Dual-chamber pacing is in common usage. Currently, the programming of rate-adaptive AV delay (RAAVD) has been recommended for the optimization of the AVD in atrioventricular block pacing. Improvements in technology, often associated with dual-chamber pacing, come at a higher cost.

North America is a major contributor to the market throughout the forecast period due to the rise in the incidences of hypertension, high cholesterol, and diabetes has resulted in the increase of cardiovascular diseases in the region. Asia Pacific is expected to be the fastest-growing region in the market during the forecast period. Several economic government initiatives are anticipated to create a free and open economy. Also, recently introduced economic reforms in China, promoting a well balanced and open economy, has had a significant impact in shaping the global economy.

Some of the key players in global Cardiac Pacemakers market are Abbott Laboratories, Inc., BIOTRONIK SE & Co. KG, Boston Scientific Corporation, Cook Medical, Cordis, Inc., Lepu Medical Technology Co Ltd, LivaNova Plc, Medico, S.p.A, Medtronic, Osypka Medical GmbH, Pacetronix Ltd, SORIN Group, St. Jude Medical, Inc., USCOME LTD, Vitatron and Zoll Medical Corporation.

#### Products Covered:

External cardiac pacemaker

Implantable cardiac pacemaker

#### Technologies Covered:

Biventricular

Single chambered

Dual chambered

#### End Users Covered:

Clinics and Hospitals

Ambulatory Surgical Centers

Cardiac Care Centers

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub

segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

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