Nanomedical Devices Market Research Report - Global Forecast till 2025

Market Scenario

Nanomedical Devices Market is expected to register a CAGR of 11.9% during the forecast period of 2019 to 2025; it accounted for USD 1,872 Million in 2018.

Nanomedical devices are the modern version of the devices used for the treatment and diagnosis of diseases. Since the last decade, there has been steep growth in the development of nanomedical devices. These devices are particularly used in in vivo testing and imaging. Around 250 nanomedical products are being tested or used on humans.

Segmentation

The Global Nanomedical Devices Market has been segmented based on type, application, and end user. Based on type, the market has been segmented into implantable biosensors, implantable cardioverter-defibrillators, and others. The implantable biosensors sub-segment is expected to be the largest type market as it has an ability to provide continuous data on the levels of a target analyte. Besides, it has great potential in the diagnosis, monitoring, management, and treatment of a variety of disease conditions, which would drive the growth of the nanomedical devices market.

The market, by application, has been classified as disease treatment and diagnosis, drug release regulation, and others. Disease treatment and diagnosis segment has been further bifurcated into cancer, neurological disease, cardiovascular disease, and others. Among this, the disease treatment and diagnosis sub-segment is the fastest growing in terms of value due to rising geriatric population, increasing prevalence of various diseases such as cancer, cardiovascular disease, among others, and is predicted to achieve more revenue in the upcoming nanomedical devices market.

The market, based on end user, has been bifurcated into hospitals & clinics, research institutes and organizations, and others. Out of these, hospitals & clinics segment is the fastest-growing segment and is anticipated to hold a major market share in the market.

The market has been divided by region, into the Americas, Europe, Asia-Pacific, and the Middle East & Africa. The nanomedical devices market in the Americas has further been branched into North America and Latin America. Within North American, market has been divided into the US and Canada. The European nanomedical devices market has been sub-divided into Western Europe and Eastern Europe. Western Europe has further been classified as Germany, France, Italy, Spain, UK, and the rest of Western Europe. The nanomedical devices market in Asia-Pacific has been segmented into Japan, China, India, South Korea, Australia. The nanomedical devices market in the Middle East & Africa has been divided into the Middle East & Africa.

Key Players

The Key Players in Global Nanomedical Devices are Sanofi, Pfizer Inc, Celgene Corporation., Luminex Corporation, Taiwan Liposome Company, Ltd, Merck & Co., Inc., Nanobiotix,
Regional Market Summary

Global Nanomedical Devices Market Share (%), by Region, 2018

The market in America is projected to have a steady growth rate during the forecast period owing to the presence of technologically advanced healthcare infrastructure, an increase in patient and healthcare practitioner’s awareness levels relating to the advantages of nanomedical devices; this drives the growth of nanomedical devices market in this region.

The market in Europe showed a substantial amount of growth. The market growth in this region can be attributed to the favorable government policies, a rise in healthcare expenditure, and increasing technological advancements; these drive the growth of nanomedical devices market in this region.

The market in Asia-Pacific is expected to dominate the global nanomedical devices due to the rapid economic development and increasing geriatric population. For instance, according to the United Nations Population Fund, the population of older persons of age over 60 in this region will be triple between 2010 and 2050, reaching close to 1.3 billion people who would drive the growth of the nanomedical devices market.

The market in the Middle East and Africa is expected to grow at a substantial rate due to the increase in the prevalence of various diseases such as cardiovascular disease in this region.

Global Nanomedical Devices Market, by Type
- Implantable biosensors
- Implantable cardioverter-defibrillators
- Others

Global Nanomedical Devices Market by Product Type
- Disease Treatment and Diagnosis
  - Cancer
  - Neurological diseases
  - Cardiovascular diseases
  - Others
- Drug Release Regulation
- Others

Global Nanomedical Devices Market, by End User
- Hospital & Clinics
- Research Institutes and Organizations
- Others

Global Nanomedical Devices Market, by Region
- Americas
- Europe
- Asia-Pacific
- Middle East & Africa

Source: World Health Organization (WHO), Institute of Medicine (IOM)
North America
- US
- Canada

Europe
- Western Europe
  - Germany
  - France
  - Italy
  - Spain
  - UK
  - Rest of Western Europe
- Eastern Europe

Asia-Pacific
- Japan
- China
- India
- Australia
- South Korea
- Rest of Asia-Pacific

Middle East & Africa
- Middle East
- Africa

Intended Audience
- Medical Device Companies
- Research and Development (R&D) Companies
- Government Research Institutes
- Academic Institutes and Universities
- Venture Capitalists

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