Nuclear Medicine Equipment Market by Product (SPECT (Hybrid SPECT, Standalone SPECT), hybrid PET, & Planar Scintigraphy), Application (Cardiology, Oncology & Neurology) & by End user (Hospitals, Imaging Centers) - Global Forecasts to 2020

Description: Nuclear medicine equipment makes use of radioactive substances (also called as nuclear medicine or radiopharmaceuticals) that are inserted into the body orally or intravenously. These systems capture the radiations emitted by radiopharmaceuticals to create images of the structures and activities inside the human body.

These images enable physicians to look inside a human body to help determine the cause of an illness or injury and provide an accurate diagnosis. The nuclear medicine equipment market is expected to grow at a single-digit CAGR in the next five years. This market is poised to reach USD 2.13 Billion by 2020 from USD 1.78 Billion in 2015, at a CAGR of 3.6% during the forecast period.

The nuclear medicine equipment market is segmented on the basis of product, application, and end user. The market by product is segmented into hybrid PET, SPECT, and planar scintigraphy systems. The SPECT product segment is further divided into hybrid SPECT and standalone SPECT. On the basis of application, the market is segmented into oncology, cardiology, neurology and other applications which includes orthopedics, urology, thyroid related disorders, and gastroenterology.

Based on the end users the market is divided into hospitals, imaging centers, academic and research institutes and others which include pharma/biotech companies and CROs. Rising prevalence/incidence of cancer, cardiac disorders, and neurological disorders; growing awareness about the importance of early diagnosis of diseases; launch of advanced nuclear medicine equipment in the market; and rising adoption of nuclear medicine equipment by end users are major factors driving this market.

However, high cost of nuclear medicine equipment and shorter half-life of radiopharmaceuticals are expected to restrain the growth of the market. In addition, growing adoption of refurbished diagnostic imaging systems and hospital budget cuts acts as a challenge for the market. On the other hand, strong product pipeline coupled with expansion & penetration opportunities in emerging economies are expected to be lucrative opportunities for the market.

Philips Healthcare (Netherlands), GE Healthcare (U.K.), Siemens Healthcare (Germany), Digirad Corporation (U.S.), Mediso Medical Imaging Systems, Ltd. (Hungary), Toshiba Medical Systems Corporation (Japan), DDD-Diagnostics A/S (Denmark), Neusoft Medical Systems Co. Ltd. (China), and SurgicEye GmbH (Germany), CMR Naviscan Corporation (U.S.).

Scope of the Report:

This research report categorizes the nuclear medicine equipment market into the following segments:

Market, by Product
- SPECT
  -- Hybrid SPECT
  -- Standalone SPECT
- Hybrid PET
- Planar Scintigraphy

Market, by Application
- Oncology
- Cardiology
- Neurology
- Others (Orthopedics, Urology, Thyroid Related Disorders, and Gastroenterology)

Market, by End User
- Hospitals
- Imaging Centers
- Academic & Research Institutes
- Others (Pharma/Biotech companies, and CROs)

Market, by Region
- North America
  - U.S.
  - Canada
- Europe
  - EU5
  - Rest of Europe (RoE)
- Asia-Pacific
  - Japan
  - China
  - India
  - Rest of Asia-Pacific (RoAPAC)
- Rest of the World (RoW)

Nuclear Medicine Equipment Ecosystem Comprises of:
- Raw Material Suppliers of nuclear medicine equipment
- Vendors/Suppliers/Distributors of nuclear medicine equipment
- End-users: Hospitals, imaging centers, academic & research institutes, among others.
- Other Stakeholders: government organizations, consulting firms, venture capitalists, among others

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