
Description: Radiopharmaceuticals are pharmaceutical formulations comprising radioactive isotopes that are used in diagnosis and therapeutics. They are simple and small substances that contain a radioactive substance that is used in the treatment of cancer and cardiac & neurological disorders. Cancer cells are killed by the radiation emitted from the isotope, which targets specific areas of the body that is subject to the drug intake. The conventional chemotherapy methods are being replaced by more convenient therapeutic radiopharmaceuticals for oncology and cancer treatment. Moreover, it not only helps physicians during diagnosis, but also works as a convenient and safer alternative for patients as compared to X-Rays and other external radiation imaging devices.

The world radiopharmaceuticals market is expected to generate a revenue of $8,207.5 million by 2022, the market is currently in its growth stage driven by increasing number of cancer cases and rising awareness about nuclear medicine. Convenience of the treatment with minimally invasive techniques attracts more patients towards radiopharmaceuticals mode of treatment as compared to chemotherapy. The factors that drive the market include increasing incidence of cardiac patients and adoption of clear imaging technique, with the help of diagnostic equipment such as PET and SPECT. The factors that restrain the growth of the market include supply shortages, logistical difficulties, and limited number of trained medical personnel.

The report segments the radiopharmaceuticals market on the basis of type, modality, application, end user, and geography. On the basis of type, the market is segmented into diagnostic, therapeutic, and research. Based on modality, the market is segregated into SPECT, PET, alpha emitters, beta emitters, and brachytherapy. According to application, the market is classified into oncology, cardiology, neurology, thyroid, and others. The geographic breakdown and deep analysis of each of the aforementioned segments is included for North America, Europe, Asia-Pacific, and LAMEA. Asia-Pacific is the highest revenue generating region accounting for about 35.1% of the total market and is projected to grow at a high CAGR of 8.4% during the forecast period.

Comprehensive competitive analysis and profiles of major market players such as Mallinckrodt plc., General Electric Co. (healthcare division), Medtronic, Inc., Bayer AG, Cardinal Health, Inc., Lantheus Medical Imaging, Inc., and IBA Group is also provided in this report.

KEY BENEFITS FOR STAKEHOLDERS:

This report provides an extensive analysis of the current and emerging market trends and dynamics in the world radiopharmaceuticals market.

This report includes a detailed quantitative analysis of the current market and estimations from 2014 to 2022, which contribute in identifying the key market opportunities for growth.

Exhaustive analysis of the world radiopharmaceuticals market by type helps in understanding the types of radiopharmaceuticals that are currently being used along with the variants that would gain prominence in the future.

Competitive intelligence (of leading manufacturers of radiopharmaceuticals) helps in understanding the competitive scenario across the geographies.

Key market players within the radiopharmaceuticals market are profiled in this report and their strategies are analyzed thoroughly. This helps in understanding the competitive outlook of the global radiopharmaceuticals market.

NUCLEAR MEDICINE/RADIOPHARMACEUTICALS MARKET SEGMENTS:

Radiopharmaceuticals Market - By Type

Diagnostic
Therapeutic

Radiopharmaceuticals Market - By Modality
SPECT
PET
Alpha-emitters
Beta-emitters
Brachytherapy

Radiopharmaceuticals Market - By Application

Oncology
Cardiology
Neurology
Thyroid
Others

Radiopharmaceutical Procedures - By Application

Oncology
Cardiovascular
Central Nervous System
Endocrine
Skeletal
Gastrointestinal
Genito-urinary
Pulmonary
PET & PET-C
Therapeutic
Others

By End-user

Hospitals and diagnostic centers
Research institutes

By Geography

North America
U.S.
Canada
Mexico

Europe
Belarus
Czech Republic
Greece
Hungary
Rest of Europe

Asia-Pacific
China
India
Korea
Pakistan
Rest of Asia-Pacific

LAMEA
Brazil
Argentina
South Africa
Rest of LAMEA
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