

Saudi Arabia Nuclear Imaging Equipment Market, By Type (PET Imaging Systems, Gamma Camera Imaging Systems), By Application (Oncology, Cardiology, Neurology, Others), By End User (Hospitals & Clinics, Diagnostic Imaging Centers, Others), By Region, Competition Forecast & Opportunities, 2027

Market Report | 2022-12-01 | 72 pages | TechSci Research

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Report description:

Saudi Arabia nuclear imaging equipment market is anticipated to register growth with an impressive CAGR in the forecast period, 2023-2027, on the account of increasing demands for the early diagnosis of the growing number of chronic diseases. Surging number of cancer patients in the country and demands for the early detection and consistent monitoring of the patients is further anticipated to drive the growth of the Saudi Arabia nuclear imaging equipment market in the upcoming five years.

Nuclear imaging is a study of organ and tissue function using the equipment that portrays the images of the organs and tissues at nuclear level. A radioactive substance is injected in the patient that can highlight the concerned organ and tissue at the site of disease or cluster of cells that have abnormally settled. The equipment utilized to create the image of the organ or tissue through the radioactive substance such that detailed analysis, diagnosis, and treatment can be proceeded, are known as nuclear imaging equipment. Moreover, the equipment is also utilized in nuclear medicine and help in pharmaceutical designing, functions, and drug analysis. Nuclear medicine imaging is a technologically advanced method that offers details at the molecular and cellular level in the body that are analyzed by radiotracers.

Cancer Drives Market Growth

Just as the chronic diseases are rapidly increasing on a global level, the Kingdom of Saudi Arabia is also suffering from rapidly increasing number of patients suffering from chronic diseases like cardiovascular diseases, cancer and its variants, neurological diseases, and other chronic diseases. Increasing number of cancer patient are actively driving the growth of the Saudi Arabia nuclear imaging equipment market in the next five years.

In the year 2020, the country recoded a steep jump in numbers of new patients suffering from cancer. Out of the total population, 27,885 new patients of various types of cancer were admitted. Out of all the types, some of the most common types of cancer

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prevailing in the country were colorectum cancer (14.4%), breast cancer (14.2%), thyroid cancer (10.2%), non-Hodgkin lymphoma cancer (6.1%), leukemia (6%), and others (49.2%). With such rapidly growing percentages of the patients, higher demands for nuclear imaging equipment are anticipated.

Technological Advancement Support Market Growth

Consistent research and innovative product development is also one of the major drivers of the Saudi Arabia nuclear imaging equipment market in the future five years. For the treatment of brain disorder diagnosis, PE and SPECT scans are actively utilized along with molecular radiotracers. Technological advancement in the PET/CT or PET/MRI along with the radioactive substances being utilized for the procedure have promising potential for neurological failures and diseases identification and further treatments. With chronic diseases such as cardiovascular diseases, neurological impairments, or cancer, consistent development and advancement in the medical devices is needed such that best possible patient care can be provided. With increasing investment in the healthcare sector from the government and further private investment being invited are expected to aid further market growth.

Market Segmentation

The Saudi Arabia nuclear imaging equipment market is segmented by type, application end user, competition landscape, and regional distribution. Based on type, the market is further differentiated between PET imaging systems and gamma camera imaging systems. On the basis of application, the market segment is bifurcated into oncology, cardiology, neurology, and others. Market segments on the basis of end user, is further fragmented into hospitals & clinics, diagnostic imaging centers, and others. The market analysis also studies the regional segmentation to devise regional market segmentation, divided among Northern & Central region, Eastern region, Western region, and the Southern region.

Company Profile

GE Healthcare Saudi Arabia, Philips Healthcare Saudi Arabia Ltd., Siemens Healthineers Saudi Arabia, Canon Medical Systems Saudi Arabia, among others is a partial list of major market players of the companies responsible for the growth of Saudi Arabia nuclear imaging equipment market.

Report Scope:

In this report, Saudi Arabia nuclear imaging equipment market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

- Saudi Arabia Nuclear Imaging Equipment Market, By Type:

o PET Imaging Systems

o Gamma Camera Imaging Systems

- Saudi Arabia Nuclear Imaging Equipment Market, By Application:

o Oncology

o Cardiology

o Neurology

o Others

- Saudi Arabia Nuclear Imaging Equipment Market, By End User:

o Hospitals & Clinics

o Diagnostic Imaging Centers

o Others

- Saudi Arabia Nuclear Imaging Equipment Market, By Region:

o Northern & Central Region

o Eastern Region

o Western Region

o Southern Region

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in Saudi Arabia nuclear imaging equipment market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following

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customization options are available for the report:

Company Information

- Detailed analysis and profiling of additional market players (up to five).

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