

UAE 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

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Abstracts

UAE nuclear imaging equipment market is anticipated to register growth with an impressive CAGR in the forecast period, 2023-2027, on the account of increasing instances of diabetes and its risks that add to the growing chronic diseases among the population of the country. Rising applications of radio imaging in diagnostic medicine, increasing consumer expenses over healthcare services, and rising disposable income among the population further drive the growth of the UAE nuclear imaging equipment market in the upcoming five years.

Nuclear imaging is a diagnostic technique that is used to study the organs and tissue function in the human body. The imaging technique functions with the help of a radio-active component that is introduced in the body that lights up when x-rays are inflicted on the body. The radionuclide is absorbed by the body when introduced. When the x-rays are passed through, the rays collide with the radio-active component, and diffraction is thus generated in read by the detectors and later analyzed to diagnose the condition of the tissue or the organ. The diagnostic procedure is a non-invasive process that is much preferred in cases where an invasive procedure is unnecessary and may cause severe side effects due to the diseased conditions of the patient.

Growing Applications of Radio-imaging Drives Market Growth

Increasing instances of chronic diseases like cardiovascular diseases, cancer, and neurological disorders, along with various infectious diseases drive the growth of the UAE nuclear imaging equipment market in the upcoming five years. A surge in the demand for early diagnosis and application of the equipment during surgical procedures, and growing demand for efficient treatment further add to the growth of the UAE nuclear imaging equipment market in the next five years.

The applications of nuclear imaging include biomedical research, biological and pathological processes, and educational purposes along with the diagnostics of diseases. Cardiovascular diseases account for over 40% of mortality every year. Also, in the year 2020, new cancer cases in the country were 4807 which has upsurged the demand for nuclear imaging techniques thus aiding the growth of the market.

Technological Advancement Promises Market Growth

Global market players are actively invested in research and technological advancement in medical devices like nuclear imaging equipment. The government's involvement in promoting the local manufacturers to localize the manufacturing and inviting the global players in the healthcare industry in the country further supports the growth of the UAE nuclear imaging equipment market in the next five years.

Growing demands for non-invasive techniques & devices, along with the advancements like advancement in scintigraphy, SPECT, PET, and 3D imaging through nuclear imaging, and advancement in the radioisotopes also aid the growth of the UAE nuclear imaging equipment market in the future five years. Furthermore, the common population is actively investing in better healthcare services and demanding advanced diagnostics. Moreover, nuclear pharmaceuticals have therapeutic applications too and research and educational requirements to understand the functioning of these radiopharmaceuticals also drive the UAE nuclear imaging equipment market growth in the forecast years.

Market Segmentation

The UAE nuclear imaging equipment market is segmented by type, application, end-user, competition landscape, and regional distribution. Based on type, the market is further segmented into PET imaging systems and gamma camera imaging systems. By application, the market is fragmented into oncology, cardiology, neurology, and others. Based on end users, the market is bifurcated into hospitals & clinics, diagnostic imaging centers, and others. The market analysis also studies the regional segmentation to devise regional market segmentation, divided among Abu Dhabi, Dubai, Sharjah, rest of

UAE.

Company Profile

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

Report Scope:

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

UAE Nuclear Imaging Equipment Market, By Type:

PET Imaging Systems

Gamma Camera Imaging Systems

UAE Nuclear Imaging Equipment Market, By Application:

Oncology

Cardiology

Neurology

Others

UAE Nuclear Imaging Equipment Market, By End User:

Hospitals & Clinics

Diagnostic Imaging Centers

Others

UAE Nuclear Imaging Equipment Market, By Region:

Abu Dhabi

Dubai

Sharjah

Rest of UAE

Competitive Landscape

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

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

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

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