Malaysia 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, and Others), By Region, Competition, Forecast and Opportunities, 2028

Market Report (3 business days) | 2023-10-03 | 80 pages | TechSci Research

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Report description:

Malaysia nuclear imaging equipment market is anticipated to grow significantly in the projected period of 2028 that is driven by the prevalence of chronic diseases and immense advancements in technology. Radionuclide imaging techniques, often known as nuclear medicine procedures, are noninvasive and typically painless medical examinations that aid doctors in the diagnosis of medical disorders. Radiopharmaceuticals or radiotracers, which are radioactive substances, are used in these imaging scans. Small amounts of radioactive material are used in nuclear medicine, a subspecialty of medical imaging, to diagnose or treat a wide range of illnesses, such as various cancers, heart conditions, and other abnormalities of the body. Nuclear imaging analyses the function of the organ, tissue, or bone to identify the root cause of the medical issue. Nuclear imaging is distinct from X-rays, ultrasounds, and other diagnostic procedures, since they identify the presence of disease based on structural features. The market is primarily driven by the increasing prevalence of chronic diseases such as cancer, cardiovascular diseases, and neurological disorders. Also, there is a growing awareness among patients and healthcare providers about the importance of early diagnosis and treatment of diseases. The nuclear imaging equipment plays a crucial role in early detection of diseases, enabling timely intervention and better patient outcomes. The nuclear imaging equipment market in Malaysia is expected to grow significantly in the coming years, driven by factors such as increasing healthcare spending. Malaysia came in first place with a score of 95 out of 100, in the Best Healthcare in the World category of the 2019 International Living Annual Global Retirement Index. With the increasing demand for advanced medical technologies, such as nuclear imaging equipment, healthcare providers are expected to invest heavily in new and advanced imaging technologies to improve patient care. As such, the Malaysia nuclear imaging equipment market is expected to grow. Furthermore, advancements in nuclear imaging technology, such as the development of hybrid imaging systems that combine positron emission tomography (PET) and computed tomography (CT) or

magnetic resonance imaging (MRI), are further driving the market growth. These systems offer improved accuracy and precision in diagnosis and treatment, leading to better patient outcomes, which is expected to grow the Malaysia nuclear imaging equipment market. Nuclear imaging may be able to treat and cure new diseases due to the advancements in pharmaceuticals. Images are crisper, acquisitions happen faster, and the radiation burden on patients is lower because of improved cameras and better detectors. Thus, AI may prove to be a valuable tool for doctors, which can augment the growth of Malaysia nuclear imaging equipment market.

Rising Cases of Chronic Diseases is Booming the Malaysia Nuclear Imaging Equipment Market

The nuclear imaging equipment market is expected to grow at a steady rate in the coming years. To facilitate early and accurate diagnosis of chronic diseases, monitor disease progression, and direct treatment decisions, there has been an increasing demand for advanced nuclear imaging equipment technologies in Malaysia. One of the key drivers of this growth is the increasing incidence of cancer and chronic illnesses. As the population ages, the incidence of these diseases is expected to rise. In addition, chronic illnesses such as cardiovascular diseases, diabetes, and neurological disorders are also expected to increase in prevalence. This will drive the demand for nuclear imaging equipment as a key tool in the diagnosis and treatment of these diseases. According to the Malaysia Ministry of Health, in 2019, approximately 64% of deaths in Malaysia were attributed to chronic diseases, with cancer and cardiovascular diseases being the leading causes of death. In this regard, nuclear imaging equipment is essential because it allows for the early detection and monitoring of chronic diseases, prompting timely interventions and better patient outcomes. According to WHO Statistical Information System, in 2020, cardiovascular disease death rates in Malaysia was 25% lower than the United States.

Growing Adoption of Hybrid Imaging

Hybrid imaging combines two or more imaging modalities to provide more accurate and detailed images of the body. For example, positron emission tomography (PET) and computed tomography (CT) can be combined to produce PET-CT scans, which provide both functional and anatomical information. Similarly, single-photon emission computed tomography (SPECT) and CT can be combined to produce SPECT-CT scans. These hybrid modalities are becoming increasingly popular in the medical field, as they provide more information than traditional imaging techniques. Hybrid modalities provide more information than traditional imaging techniques, which can lead to more accurate diagnoses and better treatment outcomes. Additionally, hybrid modalities can reduce the need for multiple imaging studies, which can save time and reduce costs for both patients and healthcare providers. According to WHO, currently, it is anticipated that healthcare will account for around 7.25% of the nation's GDP. This is anticipated to rise because of population growth, an increase in life expectancy, and rising government spending on better healthcare infrastructure and services. The growing popularity of hybrid modalities is likely to drive the growth of the nuclear imaging equipment market.

Rising Cases of Breast Cancer is Booming the Malaysia Nuclear Imaging Equipment Market

Breast cancer is one of the most common cancers affecting women worldwide, including Malaysia. Nuclear imaging equipment, including PET/CT and SPECT/CT, plays a crucial role in the early detection and diagnosis of breast cancer, leading to increased demand for these imaging modalities in the Malaysian healthcare system. The Malaysian government and healthcare sector have recognized the importance of nuclear imaging equipment in breast cancer diagnosis and treatment, leading to an increase in breast cancer drives in the country. These drives aim to raise awareness about breast cancer and the importance of early detection, encouraging women to undergo regular breast cancer screenings. According to National Library of Medicine, breast cancer is the most frequently diagnosed cancer in women of all ethnic groups, and it is highly prevalent in Malaysia, where one (1) in every nineteen (19) women is at risk of developing breast cancer. The Malaysian government has launched several initiatives to promote early detection and treatment of breast cancer, including free mammography screenings for women above the age of 40 and subsidies for breast cancer treatments. In addition to breast cancer, nuclear imaging equipment is also used for the diagnosis and treatment of other types of cancer, including lung, prostate, and bone cancer. The growing prevalence of these cancers in Malaysia is expected to further drive the growth of the nuclear imaging equipment market in the country. According to World Health Organization, Malaysia reported 8418 new cases for breast cancer in 2020, followed by 6597 new cases for colorectum cancer.

Market Segmentation

Malaysia nuclear imaging equipment market is segmented into type, application, end user, company, and regional distribution.

Based on type, Malaysia nuclear imaging equipment market is divided into PET imaging systems and gamma camera imaging systems. Based on application, malaysia nuclear imaging equipment market is categorized into oncology, cardiology, neurology, and others. Based on end user, malaysia nuclear imaging equipment market is categorized into hospitals & clinics, diagnostic imaging centers, and others. Based on region, the malaysia nuclear imaging equipment market is segmented into the East Malaysia and the West Malaysia.

Company Profiles

Siemens Healthcare, Fujifilm Holdings, Philips Healthcare, GE Healthcare, Taiyo Nippon Sanso Corporation, Canon Medical Systems Limited, Abex Medical System Sdn. Bhd., Otsuka holding co., ltd., Cardinal Health, Inc, and Novartis AG are some of the key players of Malaysia nuclear imaging equipment market.

Report Scope:

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

□□Malaysia Nuclear Imaging Equipment Market, By Type:

o□PET Imaging Systems

o□Gamma Camera Imaging Systems

□□Malaysia Nuclear Imaging Equipment Market, By Application:

o□Oncology

o□Cardiology

o□Neurology

o□Others

□□Malaysia Nuclear Imaging Equipment Market, By End User:

o□Hospitals & Clinics

o□Diagnostic Imaging Centers

o□Others

□□Malaysia Nuclear Imaging Equipment Market, By Region:

o□The East Malaysia

o□The West Malaysia

Competitive landscape

Company Profiles: Detailed analysis of the major companies in Malaysia 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).

Table of Contents:

Malaysia 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, and Others), By Region, Competition, Forecast and Opportunities, 2028

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