

Malaysia Diagnostic Imaging Market By Type (X-Ray Imaging Solutions, Ultrasound Systems, MRI Systems, CT Scanners, Nuclear Imaging Solutions, Mammography, Others), By Mobility (Portable v/s Standalone), By Source (Domestic v/s Import), By Application (Cardiology, Oncology, Neurology, Orthopedics, Gastroenterology, Gynecology, Others), By End User (Hospitals & Clinics, Diagnostic Centers, Ambulatory Care Centers, Others), By Region, Competition, Forecast & Opportunities, 2018-2028F

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Abstracts

Diagnostic medical imaging is a common technique to visualize physical diagnosis among the clinical community. Various machines and techniques can be used to create images of human anatomy and activity. Diagnostic imaging techniques help narrow down the causes of an injury or illness and ensure the correct diagnosis. Diagnostic medical imaging depends on the use of invisible waves, such as magnetic fields, electromagnetic radiation, or sound waves. Clinical, radiographic, historical, laboratory, microscopic, surgical, therapeutic, and differential findings are the eight categories which are included in diagnostic process. Some of the commonly performed diagnostic tests include X-ray, computerized tomography (CT) scans, magnetic resonance imaging (MRI) scans, mammogram, ultrasound, positron emission tomography (PET) scans, and pathology test. Among various diagnostic imaging tests, ultrasound imaging is the most widely used modality in Malaysia, owing to its affordability and non-invasive nature. Due to growing lifestyle changes, the prevalence of various chronic diseases is also increasing. Some of the commonly emerging diseases in the country includes stroke,

cancer, diabetes, hypertension, and heart diseases. Conventional treatment of these disease requires regular diagnostic imaging which is further expected to register an impressive growth to Malaysia diagnostic imaging market during the forecast period. Moreover, developing healthcare infrastructure of the country and improvement in various medical facilities provided by the hospitals for welfare of people is also expected to propel the growth of the Malaysia diagnostic imaging market during the forecast period. Rise in geriatric population of Malaysia along with the growing prevalence of various chronic diseases associated with people in their elder age is also fueling the growth of the Malaysia diagnostic imaging market during the forecast period. Growth in the development of healthcare system of the country along with various technological developments associated with treatment of several severe diseases is further expected to propel the growth of the Malaysia diagnostic imaging market during the forecast period.

Increasing Prevalence of Chronic Diseases

The growing prevalence of chronic diseases is a major driver for the Malaysia diagnostic imaging market. Chronic diseases such as cardiovascular disease, cancer, and diabetes are on the rise in Malaysia due to various factors such as aging population, lack of exercise, and unhealthy diet. These diseases require advanced imaging techniques for accurate diagnosis and treatment planning. Imaging technologies such as X-ray, computed tomography (CT), magnetic resonance imaging (MRI), ultrasound, and nuclear medicine enable healthcare professionals to visualize the internal structures and organs of the body, detect abnormalities, and monitor disease progression. Among two types of diabetes, Type 2 Diabetes Mellitus is the most common disease resulting in a higher number of deaths as compared to other countries. According to a national survey report released by the National Library of Medicine in 2022, 3.6 million adults with age of 18 years and above in Malaysia had diabetes in 2019, with 49% (3.7 million) of cases being undiagnosed. By 2025, seven million Malaysian adults over the age of 18 years are expected to be affected by diabetes, with the prevalence of diabetes reaching 31.3% of her population, posing a major public health risk. The prevalence of diabetes in Malaysia ranges from 7.3% to 23.8%. Cancer is the another most prevailing disease in Malaysia accounting for higher mortality rate in the country. Colorectum (colon) cancer, lung cancer, liver cancer, breast cancer, and nasopharyngeal cancer are the five most common type of cancers prevailing in the country. As per the statistics presented by Pantai Hospitals in Malaysia, it has been observed that around 17% of men are suffering from lung cancer in the country, followed by 15.4% from colorectal cancer, 9.3% from prostate cancer, and so on. Among women, breast cancer has been the most prevailing type of cancer accounting

for 32.9% of cases followed by 11.9% of colorectal cancer, 7.2% cases of ovarian cancer, and so on. Increasing usage of various diagnostic imaging devices for the accurate diagnosis of emerging chronic diseases among vast population of Malaysia is expected to drive the growth of the Malaysia diagnostic imaging market during the forecast period.

Development of Healthcare Infrastructure

The development of healthcare infrastructure in Malaysia is a key factor driving the growth of the Malaysia diagnostic imaging market. Over the past decade, Malaysia has made significant investments in its healthcare system, including the construction of new hospitals, the expansion of existing facilities, and the adoption of advanced technologies. As a result of these investments, there has been a significant increase in the demand for diagnostic imaging services in Malaysia. According to International Living Annual Global Retirement Index of 2019, Malaysia was ranked first to provide the best healthcare in the world due to their excellent medical assistance. There are a total of 146 government hospitals and 209 private licensed hospitals in Malaysia making effective use of diagnostic imaging devices to diagnose the symptoms of various emerging diseases in the country such as cancer, cardiac diseases, neurological disorders, and others. The adoption of various new methods and the growing infrastructure of healthcare system in the country are further expected to propel the growth of the Malaysia diagnostic imaging market during the forecast period.

Growth in Geriatric Population

As the population ages, there is a higher incidence of chronic diseases and age-related conditions, such as cardiovascular disease, cancer, and osteoporosis, which require diagnostic imaging procedures for diagnosis and monitoring. Moreover, the increasing prevalence of non-communicable diseases such as diabetes and hypertension that are more common in elder people is driving the demand for diagnostic imaging services. This has led to a rise in the number of diagnostic imaging facilities in Malaysia, with an increasing number of private hospitals and diagnostic centers offering advanced imaging technologies such as MRI scan, CT scan, and PET scan. According to the report published by Statista in 2022, it has been observed that population above 65 years of age accounted for 6.5% of total population in 2018, followed by 6.7% in 2019, 7% in 2020, 7.4% in 2021, and 7.9% in 2022. The growing ratio of geriatric population in the country and the increasing prevalence of chronic diseases associated with them in their elder age is further expected to propel the growth of the Malaysia diagnostic imaging market in the coming years.

Rise in Technological Advancements

Growth of technological advancements in healthcare system of the country is leading to a rise in the demand for diagnostic imaging devices in the market. Many technical innovations have been made with diagnostic devices in Malaysia during recent years. In Malaysia, there have been developments in MRI technology, such as the introduction of high-field MRI machines with better image quality and faster scan times. Moreover, there have been advancements in ultrasound technology in Malaysia, such as the introduction of 3D and 4D ultrasound imaging, which provide more detailed images than traditional 2D ultrasound. Development in the healthcare system along with the introduction of new technologies associated with diagnostic imaging facilities of the country is further expected to bolster the growth of the Malaysia diagnostic imaging market during the forecast period.

Market Segmentation

The Malaysia diagnostic imaging market is segmented based on type, mobility, source, application, end user, company, and region. In terms of type, the diagnostic imaging market is categorized into X-ray imaging solutions, ultrasound systems, MRI Systems, CT Scanners, nuclear imaging solutions, mammography, and others. Based on mobility, the market is divided into portable v/s standalone. On basis of source, the Malaysia diagnostic imaging market is segmented into domestic v/s import). Based on application, the market is fragmented into cardiology, oncology, neurology, orthopedics, gastroenterology, gynecology, and others. Based on end user, the Malaysia diagnostic imaging market is segmented into hospitals & clinics, diagnostic centers, ambulatory care centers, and others.

Market Players

Siemens Healthcare Sdn. Bhd., GE HEALTHCARE SDN. BHD., Toshiba Medical Systems Manufacturing Asia Sdn. Bhd., Best Contact (M) Sdn. Bhd., Code Medical System Sdn. Bhd., I-MEDIC IMAGING SDN. BHD., LAC Medical Supplies Sdn. Bhd., and Canon Medical Systems Malaysia Sdn. Bhd.

Report Scope:

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

below:

Diagnostic Imaging Market, By Type:

X-Ray Imaging Solutions

Ultrasound Systems

MRI Systems

CT Scanners

Nuclear Imaging Solutions

Mammography

Others

Diagnostic Imaging Market, By Mobility:

Portable v/s Standalone

Diagnostic Imaging Market, By Source:

Domestic v/s Import

Diagnostic Imaging Market, By Application:

Cardiology

Oncology

Neurology

Orthopedics

Gastroenterology

Gynecology

Others

Diagnostic Imaging Market, By End User:

Hospitals & Clinics

Diagnostic Centers

Ambulatory Care Centers

Others

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Malaysia diagnostic imaging 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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17.8. Canon Medical Systems Malaysia Sdn. Bhd.

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