

Malaysia X-Ray Imaging System Market By Modality (Direct Radiography, Computed Radiography), By Mobility (Stationary, Mobile), By Type (Digital, Analog), By Application (General Radiography, Dental, Mammography, Others), By End User (Hospitals & Clinics, Diagnostic Centers, Others), By Region, Competition, Forecast & Opportunities, 2018-2028F

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Report description:

Malaysia X-ray imaging system market is anticipated to grow significantly in the projected period of 2028, that is driven by the rising accidents and technological advancements in medical industries. Hence, augmenting the growth of Malaysia X-ray imaging system market. Also, there is a growing awareness among patients and healthcare providers about the importance of early diagnosis and treatment of diseases. X-ray imaging system plays a crucial role in early detection of diseases, enabling timely intervention and better patient outcomes. As a result, there is an increasing demand for X-ray imaging system services for screening, diagnosis, and monitoring of various conditions. The development of X-rays marked significant developments in medicine. X-ray imaging system tests are regarded as an important medical tool for a wide range of operations and examinations. They're accustomed to support for medical and surgical treatment planning, non-invasive and painless assistance in disease diagnosis and therapy monitoring, and assist medical professionals in treating tumors, removing blood clots and other blockages, and inserting catheters, stents, and other devices inside the body.

The X-ray imaging system market in Malaysia is expected to grow significantly in the coming years, driven by factors such as increasing healthcare spending, a growing aging population, and a rise in the prevalence of chronic diseases.

Efforts to reduce this risk through eliminating unnecessary ionizing radiation exposure should be pursued, even though the value of a clinically necessary X-ray scanning system scan is usually greater than these risks. All ionizing radiation examination must only be performed if it is necessary to deal with a serious health concern, cure an illness or coordinate treatment in order to help reduce the patient's risk. Also, the increasing number of accidents and prevalence of Osteoporosis leads to the heavy demand of

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X-Ray for diagnosing, which is expected to expand the Malaysia X-ray imaging system market. Rising prevalence of cardiovascular disease is also responsible for expanding the Malaysia X-ray imaging system market. X-rays can identify heart enlargement, which is frequently brought on by heart failure or a problem with the heart valves. Through the detection of calcium deposits in the sac that surrounds the heart, X-rays can occasionally be useful in the diagnosis of constrictive pericarditis. As per the Malaysian Ministry of Health Report, CVD caused 422.7 million cases and 17.9 million fatalities in 2015, and it is anticipated that it will result in 23.6 million fatalities year by 2030. With the increasing demand for advanced medical technologies, such as X-Ray Imaging System, healthcare providers are expected to invest heavily in new and advanced imaging technologies to improve patient care. As such, the Malaysia X-Ray Imaging System market is expected to grow.

Rising cases of Chronic Diseases are leading to increase in X-ray Diagnostics

The prevalence of chronic diseases in Malaysia has been on the rise in recent years, mainly due to changing lifestyles, aging population, and increasing urbanization. X-Ray Imaging System plays a crucial role in this regard, enabling early detection and monitoring of chronic diseases, bone fractures, dysphagia, scoliosis, and tooth problems leading to timely interventions and improved patient outcomes. 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. The burden of chronic diseases not only affects the quality of life of individuals but imposes a significant economic burden on the healthcare system. As a result, there has been a growing demand for advanced X-ray imaging system technologies in Malaysia to facilitate early and accurate diagnosis of chronic diseases, monitor disease progression, and guide treatment decisions. According to WHO Statistical Information System, cardiovascular disease death rates in Malaysia is 25% lower than the United States.

Rising prevalence of Osteoporosis directs X-ray imaging system

In Malaysia, the prevalence of osteoporosis has been steadily increasing over the years. The increasing cases of osteoporosis in Malaysia can be attributed to several factors. One of the main factors is the aging population. As people age, their bones become weaker and more prone to fractures. According to the Department of Statistics Malaysia, the percentage of the population aged 65 and above is projected to increase from 7.3% in 2020 to 15.3% by 2040. Another contributing factor is lifestyle habits. Malaysians are known for their sedentary lifestyle, with many people spending long hours sitting in front of a computer or television. Lack of physical activity can lead to weak bones and an increased risk of osteoporosis. Additionally, a diet low in calcium and vitamin D can increase the risk of osteoporosis. In general, women's peak bone mass is lower than men. Additionally, due to the lack of estrogen in postmenopausal women, the risk of bone loss is higher in women than in men. As per International Journal of Women's Health and Reproduction Sciences, the risk of fractures due to osteoporosis in females is 40% to 50% and males have only 13% to 22% risk.

Women are likely to experience breaking down of the bone than building up after 30 years, which will be reinforced because of the intake lack of diet, lifestyle, and family history. Doctor will probably request a bone density scan to identify osteoporosis, evaluate the risk of fracture, and establish the severity of the condition and the need for treatment. Dual-energy x-ray absorptiometry is the technique most frequently used to determine bone mineral density (BMD).

Rising Accidents is Expected to Drive the Malaysia X-Ray Imaging System Market

The Malaysia X-Ray Imaging System market has been witnessing significant growth over the years. With the rise in accidents and the growing need for diagnostic imaging, the market is expected to continue growing in the coming years. X-Ray Imaging System is a non-invasive diagnostic tool used for detecting and diagnosing various medical conditions, including fractures, tumors, and infections. It is a cost-effective and widely available technology that has become an integral part of modern medical practice. According to Ministry of Transport Malaysia, in 2019 there were 567,516 road accidents and 6,167 road fatalities in 2019. This alarming increase in the number of accidents has created a need for advanced medical technologies, such as X-Ray Imaging System, to accurately diagnose and treat injuries. X-Ray Imaging System is widely used in emergency departments to quickly identify the extent and severity of injuries sustained in accidents. It is used in orthopedic clinics to diagnose fractures and other bone-related injuries. The increasing demand for X-ray imaging system in these settings is expected to drive the growth of the Malaysia X-ray imaging system market.

Market Segmentation

Malaysia X-Ray Imaging System Market is segmented into modality, mobility, type, application, end user, company, and regional distribution. Based on modality, Malaysia X-ray imaging system market is divided into direct radiography and computed

radiography. Based on mobility, Malaysia X-ray imaging system market is categorized into stationary and mobile. Based on type, Malaysia X-ray imaging system market is categorized into digital and analog. Based on application, the market is categorized into general radiography, dental, mammography, others. Based on end user, Malaysia X-ray imaging system market is categorized into hospitals & clinics, diagnostic centers, and others. Based on region, the Malaysia X-ray imaging system market is segmented into the East and West Malaysia.

Company Profiles

Siemens Healthcare Pvt Ltd., Fujifilm Holdings corporation, Philips Healthcare, GE Healthcare, SIA ARBOR MEDICAL, Canon Medical Systems corporation, SHIMADZU CORPORATION, Code Medical System Sdn Bhd, Nano Medic Care Sdn. Bhd, Cairnhill Metrology are some of the key players of Malaysia X-Ray Imaging System market.

Report Scope:

In this report, the Malaysia X-Ray Imaging System market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

- Malaysia X-Ray Imaging System Market, By Mobility:

- o□Direct Radiography

- o□Computed Radiography

- Malaysia X-Ray Imaging System Market, By Mobility:

- o□Stationary

- o□Mobile

- Malaysia X-Ray Imaging System Market, By Type:

- o□Digital

- o□Analog

- Malaysia X-Ray Imaging System Market, By Application:

- o□General Radiography

- o□Dental

- o□Mammography

- o□Others

- Malaysia X-Ray Imaging System Market, By End User:

- o□Hospitals & Clinics

- o□Diagnostic Centers

- o□Others

- Malaysia X-Ray Imaging System Market, By Region:

- o□The East Malaysia

- o□The West Malaysia

Competitive landscape

Company Profiles: Detailed analysis of the major companies in Malaysia X-Ray Imaging System 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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