

# Global Medical/Diagnostic Imaging Market (X-Ray, Ultrasound, CT, MRI & Nuclear Imaging): Industry Analysis & Outlook (2018-2022)

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# **Abstracts**

Medical imaging is the technique and process of creating visual representations of the interior of a body for clinical analysis and medical intervention, as well as visual representation of the function of some organs or tissues (physiology). Medical imaging seeks to reveal internal structures hidden by the skin and bones, as well as to diagnose and treat disease. Medical imaging also establishes a database of normal anatomy and physiology to make it possible to identify abnormalities. Broken bones, heart conditions, blood clots and gastrointestinal conditions are some of the conditions identified by diagnostics imaging. In addition to identifying problems, doctors use diagnostic radiology to monitor the body response to the treatment. Diagnostic radiology can also screen for disease such as breast cancer and colon cancer.

The techniques used in the medical imaging are primarily non-invasive, that is they do not involve any procedure of introducing an instrument inside patient's body. It uses X-ray radiology, computed tomography, magnetic resonance imaging, ultrasound and nuclear medicine imaging techniques to obtain images that are interpreted to aid in the diagnosis of diseases.

The global diagnostic imaging market is expected to grow in future due to rising ageing population, growing life expectancy, increasing obese population, escalating healthcare expenditure, growing prevalence of chronic diseases, innovations and technical developments. Key trends of this market include growing demand for automated CT scanners, expanding 3D and 4D parameters, hybrid imaging technology, rising emphasis on early diagnosis and increasing use of contrast agents in diagnostic imaging. However, there are some factors which can hinder the growth of diagnostic imaging market which includes safety issues, tough regulatory, lack of skilled



radiologists, radiation exposure and high cost equipments.

The report "Global Medical/Diagnostic Imaging Market (X-Ray, Ultrasound, CT, MRI & Nuclear Imaging): Industry Analysis & Outlook (2018-2022)" by Koncept Analytics provides an extensive research and detailed analysis of the present market along with future outlook. The report discusses the major growth drivers and challenges of the market, covering America, Asia- Pacific, and European region along with the global market. The report profiles the key players of the market including General Electric Company, Hitachi, Ltd., and Siemens Healthineers and Koninklijke Philips N.V.



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