

Medical Imaging Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global medical imaging market size reached US\$ 39.9 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 57.0 Billion by 2028, exhibiting a growth rate (CAGR) of 5.9% during 2023-2028.

Medical imaging refers to the technique of creating visual depictions of the human body for diagnosing an ailment and its subsequent medical treatment. Computed tomography (CT) scanners, magnetic resonance imaging (MRI), nuclear imaging, mammography, and ultrasound are common medical imaging systems. It is a non-invasive technique that helps medical professionals to assess patients' bones, organs, tissue, and blood vessels. Medical imaging tests are safe, quick, and easy to perform and aid in early and accurate diagnosis, understanding complications, and eliminating the need for exploratory surgery. As a result, medical imaging is widely used in cardiovascular and thoracic, orthopedics and musculoskeletal, obstetrics and gynecology, and neurology departments.

Medical Imaging Market Trends:

The significant growth in the healthcare industry across the globe is creating a positive outlook for the market. In line with this, the growing occurrence of lifestyle diseases owing to sedentary lifestyles and age-related ailments in the steadily rising geriatric population is also favoring the market growth. Medical imaging is widely used by healthcare specialties to diagnose diseases and injuries, such as cancer, heart blockage, fractures, and tumors. Apart from this, the introduction of three-dimensional

(3D) imaging technology to develop enhanced resolutions and more intricate details for better patient care is providing an impetus to the market growth. Moreover, the integration of artificial intelligence (AI) to enhance tissue-based detection and provide accuracy and sensitivity in the identification of imaging abnormalities is acting as another growth-inducing factor. Furthermore, the increasing demand for CT scans and MRIs to detect the spread of COVID-19 in the lungs is positively influencing the market growth. Other factors, including rising expenditure capacities of consumers, extensive research and development (R&D) activities, and the launch of portable imaging devices, are anticipated to drive the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global medical imaging market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product, application and end user.

Breakup by Product:

- CT Scanners
- X-Ray Imaging Systems
- MRI Systems
- Ultrasound Imaging Systems
- Nuclear Imaging Systems
- Mammography Systems

Breakup by Application:

- Obstetrics and Gynecology Health
- Orthopedics and Musculoskeletal
- Neuro and Spine
- Cardiovascular and Thoracic
- General Imaging
- Breast Health
- Others

Breakup by End User:

- Hospitals

Diagnostic Centers
Academic Institutes and Research Organizations

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Canon Medical Systems Corporation (Canon Inc.), Carestream Health, Cubresa Inc., Esaote SpA, FUJIFILM VisualSonics Inc., GE HealthCare (General Electric Company), Hologic Inc., Konig Corporation, Koninklijke Philips N.V., Materialise NV, Mindray Medical International Limited, Samsung Medison Co. Ltd. (Samsung Electronics Co. Ltd.) and Siemens Healthineers AG (Siemens AG).

Key Questions Answered in This Report:

How has the global medical imaging market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global medical imaging market?

What are the key regional markets?

What is the breakup of the market based on the product?

What is the breakup of the market based on the application?

What is the breakup of the market based on the end user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global medical imaging market and who are the key players?

What is the degree of competition in the industry?

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