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Medical Imaging Market Growth | Trends, Technologies & Global Forecast 2025 | DataM Intelligence

The Global Medical Imaging Market is expected to reach at a CAGR of 5.1% during the forecast period 2024-2031.

AUSTIN, TX, UNITED STATES, June 4, 2025 /EINPresswire.com/ -- The Global [Medical Imaging Market](#) is growing quickly, fueled by new technological advances, strong partnerships, and shifts in different regions. Valued at about USD 41.6 billion in 2024, it's projected to climb to USD 61.2 billion by 2032, growing at an annual rate of around 5.1%.

Medical Imaging Market

CAGR of 5.1%

Key players:
- Koninklijke Philips N.V
- GE Healthcare
- Shimadzu Corporation
- Toshiba Medical Systems Inc.
- Ziehm Imaging Inc.
- Varian Medical Systems
- Aribex Corporation

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Medical Imaging Market

Market Overview:

Medical imaging technologies include X-rays, ultrasounds, MRIs, CTs, and PETs. These techniques are critical in identifying a wide range of ailments, from cardiovascular disease to neurological issues. The integration of artificial intelligence (AI) and machine learning is transforming the profession by improving diagnosis accuracy and workflow efficiency.

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Market Drivers and Opportunities:

Key factors driving market growth include:

> "The Medical Imaging Market is growing rapidly due to rising chronic diseases, tech advancements, and demand for early diagnosis, driving innovation in imaging modalities worldwide."
>
> *DataM Intelligence*

Technological Advancements: AI and machine learning are increasingly being integrated into

imaging systems, improving diagnostic precision and operational efficiency.

Aging Population: The growing geriatric population necessitates advanced imaging solutions for early detection and management of age-related diseases.

Chronic Disease Prevalence: The rising prevalence of chronic disorders including cancer and cardiovascular disease is driving up demand for diagnostic imaging.

Emerging Markets: Regions like Asia-Pacific are witnessing rapid healthcare infrastructure development, expanding access to advanced imaging technologies.

Opportunities lie in mobile imaging solutions, AI-driven diagnostics, and the expansion of imaging services in underserved areas.

Market Segmentation:

By Product:
X-ray
Computed Tomography
Positron Emission Tomography (PET)
Ultrasound System
MRI Equipment
Nuclear Imaging
Tactile Imaging
Photoacoustic Imaging
Thermography
Elastography
Echocardiography.

By Applications:
Cardiology
Orthopedics
Gastroenterology
Gynecology
Oncology
Neurology
Others.

By End User:
Hospitals
Diagnostic Centers
Specialty Clinics.

By Region:
North America
Latin America
Europe
Asia Pacific
Middle East
Africa.

Regional Market Share:

North America currently dominates the medical imaging market, accounting for an estimated 36.5% share in 2024. This dominance is attributed to substantial healthcare spending, advanced infrastructure, and a high prevalence of chronic diseases. Conversely, the Asia-Pacific region is expected to exhibit the fastest growth rate, with a projected CAGR of 6.9% from 2024 to 2030, driven by population growth, increased healthcare investments, and technological adoption.

Key Players:

Prominent companies in the medical imaging market include:

Koninklijke Philips N.V
GE Healthcare
Shimadzu Corporation
Toshiba Medical Systems Inc.
Ziehm Imaging Inc.
Varian Medical Systems
Aribex Corporation
Fujifilm Holdings Corporation
Siemens Healthcare
Hitachi Ltd.

Recent Developments:

United States:
GE HealthCare's AI-Powered Imaging Solution: In 2025, GE HealthCare unveiled an AI-powered imaging solution that enhances image processing speed and accuracy in real-time, significantly improving diagnostic workflows.

Micro-X's Portable CT Scanner Contract: Australian company Micro-X secured an $8.2 million contract with the U.S. Advanced Research Projects Agency for Health (ARPA-H) to develop a portable, full-body CT scanner, aiming to revolutionize emergency and field diagnostics.

Japan:

Shimadzu Corporation's R&D Center: In March 2024, Shimadzu Corporation opened a new research and development center in Japan, focusing on advanced medical imaging technologies such as AI and deep learning.

Hitachi and Microsoft's AI Partnership: In February 2024, Hitachi, Ltd. and Microsoft announced a partnership to develop AI-powered solutions for medical imaging, aiming to improve diagnostic accuracy and efficiency.

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Conclusion:

The Medical Imaging Market is experiencing transformative growth, driven by technological innovations, strategic partnerships, and regional developments. Companies investing in AI integration, mobile imaging solutions, and expansion into emerging markets are well-positioned to capitalize on the evolving healthcare landscape. As the demand for advanced diagnostic tools escalates, stakeholders must remain agile to navigate the dynamic market and meet the global healthcare needs of the future.

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