

Image Guided Radiation Therapy Market Size, Trends, Analysis, and Outlook By Product (4D gating/4D RT, LINAC (Linear Accelerator), PET/MRI- guided radiation therapy, Portal Imaging, CT scanning), By Procedure (Intensity-modulation radiation therapy, 3D Conformal Radiation therapy, Stereotactic therapy, Proton beam therapy, Particle therapy), By Application (Head And Neck Cancers, Prostate Cancer, Lung Cancer, Breast Cancer, Gynecological Cancers, Gastrointestinal Cancers, Central Nervous System), By End-User (Hospitals, Independent Radiotherapy Centers), by Country, Segment, and Companies, 2024-2032

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Abstracts

The global Image Guided Radiation Therapy market size is poised to register 5.9% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Image Guided Radiation Therapy market across By Product (4D gating/4D RT, LINAC (Linear Accelerator), PET/MRI- guided radiation therapy, Portal Imaging, CT scanning), By Procedure (Intensity-modulation radiation therapy, 3D Conformal Radiation therapy, Stereotactic therapy, Proton beam therapy, Particle therapy), By Application (Head And Neck Cancers, Prostate Cancer, Lung Cancer, Breast Cancer, Gynecological Cancers, Gastrointestinal Cancers, Central Nervous System), By End-User (Hospitals, Independent Radiotherapy Centers)

The image-guided radiation therapy (IGRT) market is driven by the increasing adoption of precision radiation therapy techniques in cancer treatment, advancements in imaging modalities and treatment planning systems, and the growing emphasis on personalized oncology and dose optimization. By 2030, the market is anticipated to witness significant growth, fueled by innovations in cone-beam CT (CBCT) imaging, MRI-guided radiation therapy, and adaptive treatment delivery systems. Further, expanding applications in tumor localization, target delineation, and treatment verification are expected to drive market expansion, enabling radiation oncologists, medical physicists, and radiation therapists to deliver accurate, targeted, and individualized radiation therapy through IGRT solutions that offer imaging integration, motion management, and treatment adaptation for cancer care and radiation oncology in the radiation therapy market and oncology practice.

Image Guided Radiation Therapy Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Image Guided Radiation Therapy market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Image Guided Radiation Therapy survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Image Guided Radiation Therapy industry.

Key market trends defining the global Image Guided Radiation Therapy demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Image Guided Radiation Therapy Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Image Guided Radiation Therapy industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue

growth from expansion into these niche segments. The report presents the market size outlook across segments to support Image Guided Radiation Therapy companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Image Guided Radiation Therapy industry

Leading Image Guided Radiation Therapy companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Image Guided Radiation Therapy companies.

Image Guided Radiation Therapy Market Study- Strategic Analysis Review

The Image Guided Radiation Therapy market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Image Guided Radiation Therapy Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Image Guided Radiation Therapy industry report provides a detailed analysis and

outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three case scenarios- low case, reference case, and high case scenarios.

Image Guided Radiation Therapy Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2032.

North America Image Guided Radiation Therapy Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Image Guided Radiation Therapy market segments. Similarly, Strong market demand is encouraging Canadian Image Guided Radiation Therapy companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Image Guided Radiation Therapy market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Image Guided Radiation Therapy Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Image Guided Radiation Therapy industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European Image Guided Radiation Therapy market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Image Guided Radiation Therapy Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Image Guided Radiation Therapy in Asia Pacific. In particular, China, India, and South East Asian Image Guided Radiation Therapy markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major countries in the APAC region.

Latin America Image Guided Radiation Therapy Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Image Guided Radiation Therapy Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Image Guided Radiation Therapy market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Image Guided Radiation Therapy.

Image Guided Radiation Therapy Market Company Profiles

The global Image Guided Radiation Therapy market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Accuray Inc, Canon Medical Systems Corp, C-RAD AB, Elekta AB, GE Healthcare, Hitachi Ltd, IBA Worldwide, Koninklijke Philips N.V., Mevion Medical Systems Inc, Panacea Medical

Technologies Pvt. Ltd, Siemens Healthineers AG, ViewRay Inc, Vision RT Ltd.

Recent Image Guided Radiation Therapy Market Developments

The global Image Guided Radiation Therapy market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Image Guided Radiation Therapy Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Product

4D gating/4D RT

LINAC (Linear Accelerator)

PET/MRI- guided radiation therapy

Portal Imaging

CT scanning

By Procedure

Intensity-modulation radiation therapy

3D Conformal Radiation therapy

Stereotactic therapy

Proton beam therapy

Particle therapy

By Application

Head And Neck Cancers

Prostate Cancer

Lung Cancer

Breast Cancer

Gynecological Cancers

Gastrointestinal Cancers

Central Nervous System

By End-User

Hospitals

Independent Radiotherapy Centers

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Accuray Inc

Canon Medical Systems Corp

C-RAD AB

Elekta AB

GE Healthcare

Hitachi Ltd

IBA Worldwide

Koninklijke Philips N.V.

Mevion Medical Systems Inc

Panacea Medical Technologies Pvt. Ltd

Siemens Healthineers AG

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4D GATING/4D RT

LINAC (Linear Accelerator)
PET/MRI- guided radiation therapy
Portal Imaging
CT scanning
By Procedure
Intensity-modulation radiation therapy

3D CONFORMAL RADIATION THERAPY

Stereotactic therapy
Proton beam therapy
Particle therapy
By Application
Head And Neck Cancers
Prostate Cancer
Lung Cancer
Breast Cancer
Gynecological Cancers
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Canon Medical Systems Corp

C-RAD AB

Elekta AB

GE Healthcare

Hitachi Ltd

IBA Worldwide

Koninklijke Philips N.V.

Mevion Medical Systems Inc

Panacea Medical Technologies Pvt. Ltd

Siemens Healthineers AG

ViewRay Inc

Vision RT Ltd.

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