

Image Guided Radiotherapy Market Size, Trends, Analysis, and Outlook By Product (4D RT, LINAC, MRI-guided radiotherapy, Portal CT Imaging), By Procedure (IMRT, Stereotactic, Particle), By Application (Neck, Prostate, Breast cancer), By End-User (Hospital, Ambulatory Centers, Others), by Region, Country, Segment, and Companies, 2024-2030

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Abstracts

The global Image Guided Radiotherapy market size is poised to register 5.13% growth (CAGR) from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Image Guided Radiotherapy market By Product (4D RT, LINAC, MRI-guided radiotherapy, Portal CT Imaging), By Procedure (IMRT, Stereotactic, Particle), By Application (Neck, Prostate, Breast cancer), By End-User (Hospital, Ambulatory Centers, Others).

The future of image-guided radiotherapy (IGRT) is driven by innovations in oncology, radiation therapy, and medical imaging aimed at improving treatment precision, tumor targeting, and normal tissue sparing in cancer patients undergoing radiotherapy. Key trends include the integration of advanced imaging modalities, such as cone-beam computed tomography (CBCT), magnetic resonance imaging (MRI), and positron emission tomography (PET), into radiotherapy systems, enabling real-time visualization of tumor volume, organ motion, and treatment response for accurate treatment planning and delivery. Additionally, the development of adaptive radiotherapy techniques, such as online plan adaptation and real-time motion tracking, allows for personalized treatment adjustments based on daily anatomical variations and tumor dynamics, optimizing treatment efficacy while minimizing toxicities to surrounding healthy tissues. Moreover, efforts to enhance treatment automation, treatment delivery efficiency, and

treatment verification protocols aim to streamline workflow, reduce treatment times, and improve patient throughput, making IGRT more accessible and cost-effective for cancer patients worldwide..

Image Guided Radiotherapy 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 Radiotherapy market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Image Guided Radiotherapy 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 Radiotherapy industry.

Key market trends defining the global Image Guided Radiotherapy 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 Radiotherapy Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Image Guided Radiotherapy 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 Radiotherapy 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 Radiotherapy industry

Leading Image Guided Radiotherapy 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 Radiotherapy companies.

Image Guided Radiotherapy Market Study- Strategic Analysis Review

The Image Guided Radiotherapy 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 Radiotherapy Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Image Guided Radiotherapy 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 2030 in three case scenarios- low case, reference case, and high case scenarios.

Image Guided Radiotherapy Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. 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 2030.

North America Image Guided Radiotherapy 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 end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Image Guided Radiotherapy market segments. Similarly, Strong end-user demand is encouraging Canadian Image Guided Radiotherapy companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Image Guided Radiotherapy market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Image Guided Radiotherapy 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 Radiotherapy 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 businesses in identifying and leveraging new growth prospects positions the European Image Guided Radiotherapy 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 Radiotherapy 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 Radiotherapy in Asia Pacific. In particular, China, India, and South East Asian Image Guided Radiotherapy markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers 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 markets in

the region.

Latin America Image Guided Radiotherapy 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 Radiotherapy 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 Radiotherapy market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Image Guided Radiotherapy.

Image Guided Radiotherapy Market Company Profiles

The global Image Guided Radiotherapy 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, Elekta, Siemens Healthineers AG.

Recent Image Guided Radiotherapy Market Developments

The global Image Guided Radiotherapy 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 Radiotherapy Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (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 Type

Stationary 3D and 4D Ultrasound Devices

Portable 3D and 4D Ultrasound Devices

By Display

Color Ultrasound

B/W Ultrasound

By Portability

Trolley or Cart-Based Ultrasound Systems

Compact/Handheld Ultrasound Systems

Point-of-Pare (PoC) Ultrasound Systems

By Application

Radiology or General Imaging

Obstetrics or Gynecology

Cardiology

Urology

Vascular

Orthopedic and Musculoskeletal

Pain Management

Others

By End-User

Hospitals

Surgical Centers and Diagnostic Centers

Maternity Centers

Ambulatory Care Centers

Research and Academia

Others

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

Elekta

Siemens Healthineers AG

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

- 1.1 Image Guided Radiotherapy Market Overview and Key Findings, 2024
- 1.2 Image Guided Radiotherapy Market Size and Growth Outlook, 2021- 2030
- 1.3 Image Guided Radiotherapy Market Growth Opportunities to 2030
- 1.4 Key Image Guided Radiotherapy Market Trends and Challenges
 - 1.4.1 Image Guided Radiotherapy Market Drivers and Trends
 - 1.4.2 Image Guided Radiotherapy Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Image Guided Radiotherapy Companies

2. IMAGE GUIDED RADIOTHERAPY MARKET SIZE OUTLOOK TO 2030

- 2.1 Image Guided Radiotherapy Market Size Outlook, USD Million, 2021- 2030
- 2.2 Image Guided Radiotherapy Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

3. IMAGE GUIDED RADIOTHERAPY MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
 - * Threat of New Entrants
 - * Threat of Substitutes
 - * Intensity of Competitive Rivalry
 - * Bargaining Power of Buyers
 - * Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

4. IMAGE GUIDED RADIOTHERAPY MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
 - By Type
 - Stationary 3D and 4D Ultrasound Devices
 - Portable 3D and 4D Ultrasound Devices

By Display

Color Ultrasound

B/W Ultrasound

By Portability

Trolley or Cart-Based Ultrasound Systems

Compact/Handheld Ultrasound Systems

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By Application

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Cardiology

Urology

Vascular

Orthopedic and Musculoskeletal

Pain Management

Others

By End-User

Hospitals

Surgical Centers and Diagnostic Centers

Maternity Centers

Ambulatory Care Centers

Research and Academia

Others

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

5. REGION-WISE MARKET OUTLOOK TO 2030

5.1 Key Findings for Asia Pacific Image Guided Radiotherapy Market, 2025

5.2 Asia Pacific Image Guided Radiotherapy Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Image Guided Radiotherapy Market Size Outlook by Application, 2021-2030

5.4 Key Findings for Europe Image Guided Radiotherapy Market, 2025

5.5 Europe Image Guided Radiotherapy Market Size Outlook by Type, 2021- 2030

5.6 Europe Image Guided Radiotherapy Market Size Outlook by Application, 2021-2030

5.7 Key Findings for North America Image Guided Radiotherapy Market, 2025

5.8 North America Image Guided Radiotherapy Market Size Outlook by Type, 2021-2030

5.9 North America Image Guided Radiotherapy Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Image Guided Radiotherapy Market, 2025

5.11 South America Pacific Image Guided Radiotherapy Market Size Outlook by Type, 2021- 2030

5.12 South America Image Guided Radiotherapy Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Image Guided Radiotherapy Market, 2025

5.14 Middle East Africa Image Guided Radiotherapy Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Image Guided Radiotherapy Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

6.1 US Image Guided Radiotherapy Market Size Outlook and Revenue Growth Forecasts

6.2 US Image Guided Radiotherapy Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Image Guided Radiotherapy Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Image Guided Radiotherapy Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany Image Guided Radiotherapy Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France Image Guided Radiotherapy Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK Image Guided Radiotherapy Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain Image Guided Radiotherapy Industry Drivers and Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy Image Guided Radiotherapy Industry Drivers and Opportunities

6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts

6.18 Rest of Europe Image Guided Radiotherapy Industry Drivers and Opportunities

6.19 China Market Size Outlook and Revenue Growth Forecasts

6.20 China Image Guided Radiotherapy Industry Drivers and Opportunities

6.21 India Market Size Outlook and Revenue Growth Forecasts

6.22 India Image Guided Radiotherapy Industry Drivers and Opportunities

6.23 Japan Market Size Outlook and Revenue Growth Forecasts

- 6.24 Japan Image Guided Radiotherapy Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Image Guided Radiotherapy Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Image Guided Radiotherapy Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Image Guided Radiotherapy Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Image Guided Radiotherapy Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Image Guided Radiotherapy Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Image Guided Radiotherapy Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Image Guided Radiotherapy Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Image Guided Radiotherapy Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Image Guided Radiotherapy Industry Drivers and Opportunities

7. IMAGE GUIDED RADIOTHERAPY MARKET OUTLOOK ACROSS SCENARIOS

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

8. IMAGE GUIDED RADIOTHERAPY COMPANY PROFILES

- 8.1 Profiles of Leading Image Guided Radiotherapy Companies in the Market
 - 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
 - 8.3 Financial Performance and Key Metrics
- Accuray Inc
Elekta
Siemens Healthineers AG

9. APPENDIX

- 9.1 Scope of the Report
- 9.2 Research Methodology and Data Sources
- 9.3 Glossary of Terms
- 9.4 Market Definitions
- 9.5 Contact Information

I would like to order

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