

Image-Guided and Robot-Assisted Surgical Procedures Market Size, Trends, Analysis, and Outlook By Specialty (Gynecologic Surgery, Urologic Surgery, General Surgery, Cardiothoracic Surgery, Head and Neck Specialties), By End-User (Hospitals, Ambulatory Surgical Centers, Clinics, Others), by Region, Country, Segment, and Companies, 2024-2030

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Abstracts

The global Image-Guided and Robot-Assisted Surgical Procedures market size is poised to register 9.12% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Image-Guided and Robot-Assisted Surgical Procedures market across By Specialty (Gynecologic Surgery, Urologic Surgery, General Surgery, Cardiothoracic Surgery, Head and Neck Specialties), By End-User (Hospitals, Ambulatory Surgical Centers, Clinics, Others).

The image-guided and robot-assisted surgical procedures market is experiencing notable growth driven by the increasing adoption of minimally invasive surgical techniques, rising demand for precision and accuracy in surgeries, and technological advancements in surgical navigation and robotics. In 2024 and beyond, factors such as the growing application of image-guided interventions in oncology, neurosurgery, and orthopedics, expansion of robotic-assisted platforms for general and gynecological surgeries, and rising investments in surgical robotics research drive market expansion. Additionally, the development of AI-driven surgical planning software, adoption of augmented reality for intraoperative guidance, and collaborations between medical device companies and healthcare institutions contribute to market growth.

Image-Guided and Robot-Assisted Surgical Procedures 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 and Robot-Assisted Surgical Procedures market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Image-Guided and Robot-Assisted Surgical Procedures 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 and Robot-Assisted Surgical Procedures industry.

Key market trends defining the global Image-Guided and Robot-Assisted Surgical Procedures 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 and Robot-Assisted Surgical Procedures Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Image-Guided and Robot-Assisted Surgical Procedures 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 and Robot-Assisted Surgical Procedures 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 and Robot-Assisted Surgical Procedures industry

Leading Image-Guided and Robot-Assisted Surgical Procedures 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 and Robot-Assisted Surgical Procedures companies.

Image-Guided and Robot-Assisted Surgical Procedures Market Study- Strategic Analysis Review

The Image-Guided and Robot-Assisted Surgical Procedures 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 and Robot-Assisted Surgical Procedures Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Image-Guided and Robot-Assisted Surgical Procedures 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 and Robot-Assisted Surgical Procedures 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 and Robot-Assisted Surgical Procedures 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 and Robot-Assisted Surgical Procedures market segments. Similarly, Strong end-user demand is encouraging Canadian Image-Guided and Robot-Assisted Surgical Procedures companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Image-Guided and Robot-Assisted Surgical Procedures market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Image-Guided and Robot-Assisted Surgical Procedures 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 and Robot-Assisted Surgical Procedures 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 and Robot-Assisted Surgical Procedures 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 and Robot-Assisted Surgical Procedures 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 and Robot-Assisted Surgical Procedures in Asia Pacific. In particular, China, India, and South East Asian Image-Guided and Robot-Assisted Surgical Procedures 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 and Robot-Assisted Surgical Procedures 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 and Robot-Assisted Surgical Procedures 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 and Robot-Assisted Surgical Procedures market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Image-Guided and Robot-Assisted Surgical Procedures.

Image-Guided and Robot-Assisted Surgical Procedures Market Company Profiles

The global Image-Guided and Robot-Assisted Surgical Procedures 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 Abbott, Analogic Corp, Brainlab AG, CANON MEDICAL SYSTEMS Corp, Elekta, FUJIFILM Holdings Corp, General Electric, Hitachi Ltd, Koninklijke Philips N.V., Medtronic, Siemens Healthcare Private Ltd, TOSHIBA Corp, Varian Medical Systems Inc

Recent Image-Guided and Robot-Assisted Surgical Procedures Market Developments

The global Image-Guided and Robot-Assisted Surgical Procedures 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 and Robot-Assisted Surgical Procedures 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 Specialty

Gynecologic Surgery

Urologic Surgery

General Surgery

Cardiothoracic Surgery

Head and Neck Specialties

By End-User

Hospitals

Ambulatory Surgical Centers

Clinics

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Abbott

Analogic Corp

Brainlab AG

CANON MEDICAL SYSTEMS Corp

Elekta

FUJIFILM Holdings Corp

General Electric

Hitachi Ltd

Koninklijke Philips N.V.

Medtronic

Siemens Healthcare Private Ltd

TOSHIBA Corp

Varian Medical Systems Inc

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Ambulatory Surgical Centers

Clinics

Others

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Analogic Corp

Brainlab AG

CANON MEDICAL SYSTEMS Corp

Elekta

FUJIFILM Holdings Corp

General Electric

Hitachi Ltd

Koninklijke Philips N.V.

Medtronic

Siemens Healthcare Private Ltd

TOSHIBA Corp

Varian Medical Systems Inc

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