

Global Surgical Equipment Market Report and Forecast 2024-2032

Market Report (7 Days) | 2024-04-15 | 140 pages | EMR Inc.

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Report description:

Global Surgical Equipment Market Report and Forecast 2024-2032

Global Surgical Equipment Market Overview

The global surgical equipment market was valued at USD 24.20 billion in 2023, growing at a compound annual growth rate (CAGR) of 7.09% during the forecast period and expected to attain a value of USD 44.80 billion by 2032. Surgical equipment are medical devices that are used to perform various surgical procedures such as cutting, coagulating, dissecting, suturing, stapling, and closing wounds. The surgical equipment market comprises of different types of products such as surgical sutures and staplers, handheld surgical devices, electrosurgical devices, surgical navigation systems, surgical robotics, and surgical lasers.

The major factors driving the growth of the global surgical equipment market are the increasing number of surgical procedures, the rising prevalence of chronic diseases, the growing demand for minimally invasive surgery, the technological advancements in surgical devices, and the favorable reimbursement policies for surgical procedures. However, the market growth may be hindered by the high cost of surgical equipment, the stringent regulatory environment, the lack of skilled professionals, and the risks of infections and complications associated with surgical procedures.

Global Surgical Equipment Market Drivers and Constraints

Key Drivers

- ☐ Rising Surgical Procedures: An increase in surgical procedures globally, driven by the growing prevalence of chronic diseases such as obesity, diabetes, cardiovascular diseases, and cancers, significantly fuels the demand for surgical equipment.
- ☐ Technological Advancements: Innovations in surgical equipment, including minimally invasive surgical instruments, robotic surgery systems, and laser technologies, have enhanced the efficiency and outcomes of surgical procedures, driving market growth.
- ☐ Aging Population: The global increase in the aging population, which is more prone to various diseases requiring surgical interventions, has been a critical driver of the surgical equipment market.
- ☐ Healthcare Infrastructure Development: Expanding healthcare infrastructure, especially in emerging economies, and increasing healthcare expenditure have contributed to the growth of the surgical equipment market.
- ☐ Demand for Minimally Invasive Surgeries (MIS): The rising preference for MIS due to benefits such as smaller incisions, reduced pain, quicker recovery, and shorter hospital stays has spurred the demand for advanced surgical equipment tailored for these

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procedures.

Key Constraints

- High Cost of Advanced Surgical Equipment: The high cost associated with the procurement and maintenance of advanced surgical equipment, especially robotic systems and laser instruments, can limit market growth, particularly in cost-sensitive markets.
- Regulatory and Reimbursement Issues: Stringent regulatory approval processes for surgical equipment and challenges in obtaining reimbursement, especially for new and innovative technologies, can hinder market expansion.
- Lack of Skilled Professionals: The shortage of trained healthcare professionals and surgeons to operate advanced surgical equipment, particularly in low- and middle-income countries, poses a significant challenge to the market's growth.
- Infection Control and Safety Concerns: Issues related to infection control and the safety of surgical procedures can restrain the use of certain surgical equipment, impacting market growth. The need for stringent sterilization processes and concerns over the reuse of instruments are notable factors.

Global Surgical Equipment Market Trends and Developments

The global surgical equipment market is witnessing several trends and developments that are shaping its future outlook. Some of the key trends and developments are:

- Smart surgical devices: Integrated with AI, sensors, and data analytics to enhance accuracy, efficiency, and safety of surgical procedures.
- 3D printing technology: Used to create customized surgical implants, instruments, and models to reduce cost, waste, and time of surgery.
- Surgical robots: Can perform complex and delicate surgeries with precision, flexibility, and dexterity.
- Single-use surgical devices: Can prevent the risk of cross-contamination, infection, and reuse.
- Novel surgical techniques: Minimize trauma, pain, and scarring of patients.

Global Surgical Equipment Market Segmentation

The global surgical equipment market can be segmented based on product, category, application, end-user and region.

Market Breakup by Product

- Surgical Sutures and Staplers
- Handheld Surgical Equipment
- Electrosurgical Devices
- Other Surgical Equipment

Market Breakup by Category

- Reusable Surgical Equipment
- Disposable Surgical Equipment

Market Breakup by Application

- Neurosurgery
- Plastic and Reconstructive Surgeries
- Wound Closure
- Urology
- Obstetrics and Gynaecology
- Thoracic Surgery
- Microvascular Surgery
- Cardiovascular Surgery
- Orthopedic Surgery
- Laparoscopy
- Other Applications

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Market Breakup by End User □

- Hospitals & Clinics
- Ambulatory Surgical Centers
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Global Surgical Equipment Market Competitive Landscape

The global surgical equipment market is highly competitive and fragmented, with the presence of several local and global players. The key players in the market are focusing on product innovation, mergers and acquisitions, partnerships and collaborations, and geographic expansion to gain a competitive edge in the market. Some of the major players in the market are B. Braun SE, Aspen Surgical, Medtronic, Ethicon Inc., Smith+Nephew, S Zimmer Biomet, Stryker (U.S.), Alcon Vision LLC, Becton, Dickinson and Company, Boston Scientific Corporation, CONMED Corporation, Entrhal Medical GmbH, Fuhrmann GmbH, KLS Martin Group, KARL STORZ, Olympus Corporation, Integra LifeSciences and Getinge AB.

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