+44 20 8123 2220
info@marketpublishers.com

General Surgery Devices Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Product Type (Handheld Devices, Laparoscopic Devices, Electrosurgical Devices, Medical Robotics & Computer-Assisted Surgical Devices, Others), By Methods (Open Surgery and Minimally Invasive Surgery), By Application (Gynecology, Urology, Cardiology, Orthopedic, Neurology, Others), By End User (Hospital & Clinics, Ambulatory Surgical Centers, Others), By Region and Competition, 2019-2029F

https://marketpublishers.com/r/G512D2FD0320EN.html
Date: July 2024
Pages: 180
Price: US$ 4,900.00 (Single User License)
ID: G512D2FD0320EN

Abstracts

Global General Surgery Devices Market was valued at USD 16.21 Billion in 2023 and is anticipated to project impressive growth in the forecast period with a CAGR of 8.14% through 2029. The Global General Surgery Devices Market is primarily driven by several key factors contributing to its growth and expansion. Advancements in surgical techniques and technology have led to an increased demand for innovative surgical devices across various general surgery procedures. These advancements include the development of minimally invasive surgical techniques, robotic-assisted surgery, and image-guided surgery, which require specialized devices for precise and effective surgical interventions. The rising prevalence of chronic diseases, such as cardiovascular disorders, gastrointestinal conditions, and cancer, has resulted in a higher volume of surgical procedures, further driving the demand for general surgery devices. Growing investments in healthcare infrastructure, expanding access to healthcare services, and rising healthcare expenditure in emerging economies

contribute to market growth by increasing the adoption of advanced surgical devices and improving patient access to surgical care.

Key Market Drivers

Technological Advancements

Technological innovations play a pivotal role in driving growth in the Global General Surgery Devices Market. Advances in surgical techniques, imaging modalities, and medical device technology have revolutionized general surgery by enabling more precise, minimally invasive procedures with improved patient outcomes. Innovations such as robotic-assisted surgery, laparoscopic instrumentation, and image-guided navigation systems have enhanced the capabilities of surgeons, leading to shorter recovery times, reduced complications, and better overall patient care.

Increasing Prevalence of Chronic Diseases

The rising prevalence of chronic diseases, such as cardiovascular disorders, gastrointestinal conditions, and cancer, drives the demand for general surgery devices. Chronic diseases often require surgical intervention for diagnosis, treatment, and management, leading to a higher volume of surgical procedures. As the global burden of chronic diseases continues to escalate due to factors such as aging populations, sedentary lifestyles, and unhealthy dietary habits, the demand for general surgery devices is expected to rise correspondingly.

Growing Aging Population

The aging population is a significant driver of the Global General Surgery Devices Market. Elderly individuals are more prone to age-related health conditions, including orthopedic disorders, gastrointestinal diseases, and cancer, which often necessitate surgical intervention. As life expectancy increases and the proportion of elderly individuals in the population rises, the demand for general surgery devices is expected to grow. Advancements in healthcare technologies and improvements in geriatric surgical care have made surgical interventions more accessible and feasible for older patients, further driving market growth.

Expanding Applications of General Surgery Devices

General surgery devices are being increasingly used in a wide range of surgical specialties beyond traditional general surgery. These devices find applications in specialties such as orthopedics, neurosurgery, urology, gynecology, and thoracic surgery, among others. The expanding applications of general surgery devices across different surgical disciplines contribute to market growth by increasing the addressable market and creating opportunities for innovation and product development. According to an article, 'Trauma of Major Surgery' published in the National Center for Biotechnology Information (NCBI) in July 2020 estimates that approximately 310 million major surgeries are performed annually throughout the world.

Rapid Expansion of Healthcare Infrastructure

The rapid expansion of healthcare infrastructure, particularly in emerging economies, is fueling demand for general surgery devices. Governments and healthcare organizations in developing countries are investing heavily in expanding healthcare facilities, upgrading medical equipment, and improving access to surgical care. This increased investment in healthcare infrastructure creates opportunities for medical device manufacturers to introduce and market advanced general surgery devices in these regions, driving market growth.

Key Market Challenges

Technological Complexity and Innovation

The rapid pace of technological innovation presents both opportunities and challenges for the Global General Surgery Devices Market. While advancements in surgical techniques, imaging modalities, and medical device technology have led to the development of more sophisticated and effective surgical devices, keeping pace with technological advancements and integrating new technologies into existing product lines can be challenging for manufacturers. The complexity of emerging technologies, such as robotic-assisted surgery, artificial intelligence, and 3D printing, requires significant investments in research and development, expertise, and infrastructure, posing challenges for smaller companies and startups in the market.

Cost Constraints and Pricing Pressures

Cost constraints and pricing pressures are significant challenges faced by companies operating in the Global General Surgery Devices Market. Healthcare providers, payers, and patients are increasingly scrutinizing healthcare expenditures and demanding cost-effective solutions without compromising quality or patient outcomes. As a result, manufacturers face pressure to lower prices, reduce production costs, and demonstrate the value proposition of their devices to remain competitive in the market. Reimbursement policies, government regulations, and healthcare budget constraints further exacerbate pricing pressures, limiting profit margins and revenue growth for companies in the sector.

Key Market Trends

Preference for Minimally Invasive Surgery (MIS)

There is a growing preference for minimally invasive surgical techniques among both patients and healthcare providers. Minimally invasive surgery (MIS) offers several advantages over traditional open surgery, including smaller incisions, reduced blood loss, faster recovery times, and shorter hospital stays. As a result, the demand for minimally invasive surgical instruments, such as laparoscopic instruments, endoscopic devices, and robotic surgical systems, is increasing, driving growth in the Global General Surgery Devices Market. The increasing demand for outpatient surgeries is driving the growth of the global general surgery devices market. Outpatient surgeries are less expensive, require less recovery time, and have fewer risks than inpatient surgeries. As a result, more and more surgeries are being performed on an outpatient basis, leading to an increased demand for general surgery devices that are specifically designed for these procedures. The increase in incidences of road accidents is further expected to increase the demand for general surgical devices. According to WHO, Road traffic accidents claim the lives of almost 1.3 million individuals every year. Between 20 and 50 million more people experience non-fatal injuries, with many of them becoming disabled as a result.

Increasing Healthcare Expenditure

The escalation of healthcare expenditure globally stands as a pivotal driving force behind the flourishing Global General Surgery Devices Market. As financial allocations towards healthcare surge, healthcare facilities find themselves endowed with greater financial capabilities, facilitating substantial investments in cutting-edge medical equipment, particularly in the realm of general surgery devices. With augmented healthcare spending, hospitals, clinics, and surgical centers are empowered to bolster their medical armamentarium with state-of-the-art technologies and devices tailored for various surgical interventions. This surge in financial resources enables healthcare institutions to procure advanced general surgery devices equipped with the latest features and functionalities, thereby enhancing surgical precision, efficacy, and patient outcomes.

The positive correlation between heightened healthcare expenditure and enhancements in healthcare infrastructure, delivery systems, and surgical care accessibility fortifies the demand for general surgery devices. Increased financial allocations towards healthcare often translate into infrastructure improvements, such as the construction of modern surgical suites, expansion of operating theaters, and integration of advanced medical technologies. Heightened healthcare spending fosters the development and implementation of innovative healthcare delivery models, telemedicine platforms, and surgical training programs, consequently improving the accessibility and delivery of surgical care to diverse patient populations. As healthcare systems evolve to meet the burgeoning demand for surgical services, the need for general surgery devices becomes more pronounced, driving sustained growth and innovation in the market.

Segmental Insights

Product Type Insights

Based on the product type, Laparoscopic Devices stand out as the dominant force, revolutionizing surgical practices and shaping the landscape of modern surgical interventions. Laparoscopic surgery, also known as minimally invasive surgery (MIS), has gained widespread acceptance and adoption due to its numerous advantages over traditional open surgery. Laparoscopic devices encompass a wide range of instruments and equipment specifically designed for minimally invasive procedures, including trocars, graspers, dissectors, scissors, and staplers.

One of the key factors driving the dominance of Laparoscopic Devices in the General Surgery Devices Market is the growing preference for minimally invasive surgical techniques among both surgeons and patients. Laparoscopic surgery offers several benefits, including smaller incisions, reduced blood loss, faster recovery times, shorter hospital stays, and decreased postoperative pain compared to traditional open surgery. These advantages contribute to improved patient outcomes, enhanced quality of life, and greater patient satisfaction, driving the widespread adoption of laparoscopic devices across various surgical specialties. Laparoscopic Devices enable surgeons to perform complex surgical procedures with greater precision, control, and visualization. The advent of high-definition imaging systems, advanced optics, and miniaturized instruments has further enhanced the capabilities of laparoscopic surgery, allowing surgeons to navigate intricate anatomical structures and perform delicate manoeuvres with ease. As a result, laparoscopic devices are widely used in a diverse range of general surgical procedures, including cholecystectomy, appendectomy, colectomy, hernia repair, and bariatric surgery, among others.

End User Insights

Based on the end user segment, Hospital & Clinics exert a dominant influence, shaping the trajectory of market growth and innovation. These traditional healthcare settings serve as primary hubs for surgical interventions across a diverse range of specialties, including general surgery, orthopedics, gynecology, and urology. Hospitals, equipped with state-of-the-art surgical suites, advanced medical technologies, and multidisciplinary surgical teams, cater to a vast patient population with varying surgical needs.

The dominance of Hospital & Clinics in the General Surgery Devices Market stems from several key factors. Hospitals serve as epicenters of surgical care, attracting patients seeking specialized treatments, complex procedures, and comprehensive healthcare services. With extensive infrastructure, resources, and expertise, hospitals have the capacity to perform a wide array of surgical procedures, ranging from routine surgeries to highly complex interventions requiring advanced surgical devices. Hospitals play a pivotal role in driving demand for general surgery devices by virtue of their large patient volumes, diverse surgical caseloads, and collaborative partnerships with medical device manufacturers. These institutions frequently invest in cutting-edge medical equipment, including surgical instruments, imaging systems, and energy-based devices, to ensure optimal patient care and surgical outcomes. As a result, hospitals emerge as key stakeholders in driving innovation, adoption, and utilization of general surgery devices in clinical practice.

Regional Insights

The North American region emerges as the dominant force in the Global General Surgery Devices Market, wielding considerable influence and shaping the trajectory of market growth and innovation. Comprising the United States and Canada, North America boasts a robust healthcare infrastructure, advanced medical technologies, and a large patient population with diverse surgical needs, positioning it at the forefront of the global market.

Several key factors contribute to North America's dominance in the General Surgery Devices Market. The region's extensive network of hospitals, clinics, ambulatory surgical centers, and specialty surgical facilities provides a fertile ground for the adoption and utilization of general surgery devices. These healthcare institutions are equipped with state-of-the-art surgical suites, advanced imaging modalities, and cutting-edge medical equipment, enabling surgeons to perform a wide range of surgical procedures with precision and efficiency. The United States, in particular, stands as a global leader in healthcare innovation, research, and medical device manufacturing. The country is home to numerous renowned medical device companies, research institutions, and academic medical centers that drive advancements in surgical technology and device development. This culture of innovation, coupled with robust regulatory frameworks and investment in research and development, fosters the growth of the General Surgery Devices Market in North America.

Key Market Players

- Braun Melsungen AG
- Johnson & Johnson
- Medtronic Plc
- Becton, Dickinson and Company
- Stryker Corporation
- Boston Scientific Corporation
- Conmed Corporation
- Cadence Inc.
- Erbe Elektromedizin GmbH
- CoreLink, LLC

Report Scope:

In this report, the Global General Surgery Devices Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

+44 20 8123 2220
info@marketpublishers.com

General Surgery Devices Market, By Product Type:

Handheld Devices

Laparoscopic Devices

Electrosurgical Devices

Medical Robotics & Computer-Assisted Surgical Devices

Others

General Surgery Devices Market, By Methods:

Open Surgery

Minimally Invasive Surgery

General Surgery Devices Market, By Application:

Gynecology

Urology

Cardiology

Orthopedic

Neurology

Others

General Surgery Devices Market, By End User:

Hospital & Clinics

Ambulatory Surgical Centers

Others

+44 20 8123 2220
info@marketpublishers.com

General Surgery Devices Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia-Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global General Surgery Devices Market.

Available Customizations:

Global General Surgery Devices market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

+44 20 8123 2220
info@marketpublishers.com

Contents

9. SOUTH AMERICA GENERAL SURGERY DEVICES MARKET OUTLOOK

+44 20 8123 2220
info@marketpublishers.com

14. COMPETITIVE LANDSCAPE

15. STRATEGIC RECOMMENDATIONS

16. ABOUT US & DISCLAIMER

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: General Surgery Devices Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Product Type (Handheld Devices, Laparoscopic Devices, Electrosurgical Devices, Medical Robotics & Computer-Assisted Surgical Devices, Others), By Methods (Open Surgery and Minimally Invasive Surgery), By Application (Gynecology, Urology, Cardiology, Orthopedic, Neurology, Others), By End User (Hospital & Clinics, Ambulatory Surgical Centers, Others), By Region and Competition, 2019-2029F

Product link: https://marketpublishers.com/r/G512D2FD0320EN.html

Price: US$ 4,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G512D2FD0320EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _______________________________

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms

+44 20 8123 2220
info@marketpublishers.com

& Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970