

# **Egypt General Surgery Devices Market, By Product Type (Handheld Devices, Laparoscopic Devices, Electrosurgical Devices, Medical Robotics & Computer-Assisted Surgical Devices, Others), By Methods (Open Surgery, Minimally Invasive Surgery), By Application (Gynecology, Urology, Cardiology, Orthopedic, Neurology, Others), By End User (Hospital & Clinics, Ambulatory Surgical Centers, Others), By Region, Competition, Forecast & Opportunities, 2019-2029F**

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## **Abstracts**

Egypt General Surgery Devices Market was valued at USD 104.02 Million in 2023 and is anticipated to project steady growth in the forecast period with a CAGR of 5.07% through 2029. The Egypt General Surgery Devices market is characterized by robust growth and significant opportunities driven by advancements in healthcare infrastructure and increasing healthcare expenditures. General surgery devices encompass a wide range of instruments and equipment used in surgical procedures across various medical specialties such as gastrointestinal surgery, thoracic surgery, vascular surgery, and more. In recent years, Egypt has witnessed notable improvements in its healthcare sector, including enhanced hospital facilities, expanded access to healthcare services, and increased adoption of modern medical technologies. These factors contribute to the rising demand for advanced surgical devices that enable safer and more efficient surgical procedures. Key segments within the Egypt General Surgery Devices market include instruments like scalpels, forceps, scissors, and retractors, as well as advanced technologies such as electrosurgical devices, minimally invasive surgical instruments,

and surgical robotics. The adoption of minimally invasive techniques, in particular, has been on the rise due to their benefits such as reduced recovery times, lower risk of infection, and shorter hospital stays. The market is also influenced by regulatory developments aimed at ensuring product quality and patient safety. Regulatory bodies in Egypt play a crucial role in approving and monitoring the use of surgical devices, ensuring adherence to international standards and guidelines. In February 2024, Egypt achieved a significant milestone by completing over 2 million surgeries under its initiative to eliminate waiting lists and prevent their recurrence for essential surgical procedures. The Ministry of Health and Population reported a total of 2,074,952 surgeries performed since the initiative's launch in July 2018. These surgeries encompass critical interventions for conditions such as heart, bone, eye, tumor, brain, nerve, kidney, liver, and cochlear implants. The initiative underscores Egypt's commitment to improving healthcare access and addressing the backlog of surgical cases, ensuring timely treatment for patients across various medical specialties.

Egypt General Surgery Devices market is expected to continue its growth trajectory fueled by ongoing investments in healthcare infrastructure, increasing prevalence of chronic diseases necessitating surgical interventions, and growing awareness among healthcare providers and patients about the benefits of advanced surgical technologies. These factors position Egypt as a promising market for manufacturers and suppliers of general surgery devices aiming to expand their footprint in the region.

## Key Market Drivers

### Rising Prevalence of Chronic Diseases

The rising prevalence of chronic diseases in Egypt is a significant factor driving the demand for general surgery devices. Chronic diseases such as cardiovascular diseases, cancer, diabetes, and respiratory conditions are increasingly common due to factors like changing lifestyles, urbanization, and an aging population. Cardiovascular diseases, including hypertension and coronary artery disease, are prevalent among Egyptians, attributed in part to dietary habits, sedentary lifestyles, and genetic predispositions. Cancer rates have also been on the rise, with lung, liver, and breast cancers being among the most prevalent types. Diabetes mellitus, both type 1 and type 2, affects a significant portion of the population, exacerbated by obesity and a lack of access to preventive healthcare. For instance, in 2022, according to the Global Cancer Observatory, there were 150,578 newly reported cases of cancer globally. This statistic underscores the ongoing challenge posed by cancer worldwide and the imperative for

continued efforts in prevention, early detection, and treatment. These chronic conditions often require surgical interventions for diagnosis, treatment, and management. General surgery devices play a crucial role in these procedures, ranging from diagnostic tools such as imaging equipment to therapeutic instruments like surgical scalpels, retractors, and sutures. Advances in surgical techniques, including minimally invasive procedures supported by specialized devices, have become increasingly important in managing chronic conditions effectively while reducing patient recovery times and improving outcomes.

As Egypt continues to grapple with the challenges posed by these chronic diseases, there is a growing emphasis on enhancing healthcare infrastructure and access to specialized medical technologies. This environment presents opportunities for manufacturers and suppliers of general surgery devices to innovate and expand their presence in the Egyptian market, catering to the increasing demand for high-quality medical interventions and surgical outcomes.

### Increasing Healthcare Expenditure

Increasing healthcare expenditure in Egypt is pivotal in shaping the demand for general surgery devices, reflecting broader improvements in healthcare infrastructure and services. Over recent years, Egypt has been dedicating more resources to healthcare, driven by government initiatives aimed at enhancing healthcare accessibility and quality nationwide. The rise in healthcare expenditure is primarily fueled by several factors. Firstly, demographic shifts such as population growth and aging contribute to increased healthcare needs and demand for medical interventions, including surgical procedures that require advanced devices. Secondly, there is a growing recognition of the importance of investing in modern medical technologies and equipment to improve healthcare outcomes and patient satisfaction.

Egypt's healthcare expenditure growth is bolstered by efforts to expand healthcare facilities, upgrade medical equipment, and recruit skilled healthcare professionals. These developments are essential for addressing the country's healthcare challenges, including the management of chronic diseases and the provision of specialized surgical treatments. In the context of the general surgery devices market, increased healthcare expenditure translates into greater opportunities for manufacturers and suppliers. Hospitals and healthcare facilities are more likely to invest in state-of-the-art surgical devices, such as minimally invasive instruments, surgical robotics, and advanced imaging technologies. These devices not only enhance surgical precision and patient safety but also contribute to shorter recovery times and reduced healthcare costs in the

long term. Therefore, the trajectory of increasing healthcare expenditure in Egypt underscores a positive outlook for the general surgery devices market, positioning it as a key growth area within the broader healthcare sector.

### Government Initiatives and Policies

Government initiatives and policies in Egypt play a crucial role in shaping the landscape of the general surgery devices market, influencing both demand and supply dynamics. Egypt's government has been actively involved in healthcare reforms aimed at improving healthcare delivery, enhancing medical infrastructure, and promoting the adoption of advanced medical technologies, including surgical devices. The primary focuses of government initiatives is the expansion and modernization of healthcare infrastructure. This includes the development of new hospitals and clinics, as well as the renovation and upgrading of existing facilities. Investments in healthcare infrastructure are essential for accommodating the growing healthcare needs of the population and for facilitating the use of advanced surgical devices in modern healthcare settings. The Egyptian government has implemented regulatory frameworks and policies to ensure the quality, safety, and efficacy of medical devices, including general surgery devices. Regulatory bodies such as the Egyptian Drug Authority (EDA) oversee the approval, registration, and monitoring of medical devices, ensuring compliance with international standards and guidelines. These regulations provide a framework for manufacturers and suppliers to enter and operate within the Egyptian market, promoting transparency and trust among healthcare providers and patients.

Government policies often include incentives and subsidies to encourage healthcare providers to invest in modern medical technologies. This can stimulate demand for advanced surgical devices by reducing financial barriers and incentivizing hospitals to upgrade their equipment and adopt innovative surgical techniques. Therefore, government initiatives and policies in Egypt create a supportive environment for the growth of the general surgery devices market, fostering innovation, improving healthcare outcomes, and enhancing the overall quality of surgical care available to the population.

### Key Market Challenges

#### Economic Factors

Economic factors significantly influence the Egypt General Surgery Devices market, impacting both supply and demand dynamics within the healthcare sector. Egypt's

economy experiences various challenges and opportunities that directly affect healthcare spending and investment in medical devices. The primary economic challenge is the country's periodic economic instability and currency fluctuations. These fluctuations can affect the affordability of imported medical devices, including general surgery devices, which often rely on foreign technologies and materials. Depreciation of the Egyptian pound against major currencies can increase the cost of importing devices, thereby raising prices for hospitals and healthcare providers. This, in turn, may constrain their budgets for purchasing new or advanced surgical equipment.

The inflationary pressures within the Egyptian economy can also strain healthcare budgets. Rising inflation rates lead to increased costs across the board, including medical supplies, equipment, and operational expenses for healthcare facilities. Healthcare providers may face challenges in balancing their budgets while striving to invest in modern surgical technologies that improve patient care and outcomes. The overall economic growth rate and government healthcare expenditure play pivotal roles in shaping the market. When the economy grows steadily, there tends to be more investment in healthcare infrastructure and services, including the acquisition of advanced medical devices. Conversely, during economic downturns or periods of fiscal constraint, healthcare budgets may face cuts or delays in funding allocations, impacting the procurement of new medical technologies.

Despite these challenges, economic factors also present opportunities for the Egypt General Surgery Devices market. For instance, periods of economic growth can stimulate healthcare investments and increase demand for modern medical equipment. Government initiatives aimed at enhancing healthcare infrastructure and attracting foreign investments in healthcare can also create a conducive environment for market expansion. Navigating economic challenges requires stakeholders in the Egypt General Surgery Devices market to adopt strategies that enhance cost-efficiency, explore local manufacturing options, and leverage partnerships to mitigate risks associated with currency fluctuations and economic uncertainties. Overall, understanding and adapting to economic factors are essential for sustainable growth and development in the Egyptian healthcare sector.

## Quality and Training

Quality and training are critical aspects influencing the adoption and effective utilization of general surgery devices in Egypt's healthcare sector. Ensuring consistent quality standards in healthcare delivery and proficiency in using advanced surgical technologies are essential for optimizing patient outcomes and safety. Maintaining high



standards of quality in surgical procedures requires healthcare providers to have access to reliable and effective general surgery devices. These devices encompass a wide range of instruments and equipment used in surgical interventions, from basic tools like scalpels and forceps to advanced technologies such as robotic surgical systems and minimally invasive instruments. The reliability and effectiveness of these devices directly impact the success of surgical procedures, patient recovery times, and overall healthcare outcomes.

The adequate training for healthcare professionals is crucial to maximize the benefits of general surgery devices. Training programs ensure that surgeons, nurses, and other medical staff are proficient in using new technologies and techniques safely and effectively. This includes understanding device functionalities, mastering surgical procedures, and managing potential complications. In Egypt, ensuring continuous professional development and training opportunities for healthcare professionals is essential to keep pace with advancements in medical technology and improve overall surgical care standards.

Addressing these challenges requires collaboration between healthcare providers, medical device manufacturers, regulatory bodies, and educational institutions. Investments in ongoing training programs, certification courses, and professional development opportunities can help bridge the gap in quality and training within the Egypt General Surgery Devices market, ultimately improving surgical outcomes and patient care across the country.

## Key Market Trends

### Advancements in Minimally Invasive Surgery

Advancements in minimally invasive surgery (MIS) have revolutionized the Egypt General Surgery Devices market, offering significant benefits over traditional open surgical techniques. MIS procedures involve smaller incisions, specialized instruments, and often utilize technologies such as laparoscopy and robotic-assisted surgery. In Egypt, there is a notable trend towards adopting MIS due to its advantages for both patients and healthcare providers. Patients benefit from reduced post-operative pain, shorter hospital stays, quicker recovery times, and minimized scarring compared to traditional open surgeries. These factors contribute to improved patient satisfaction and outcomes. From a healthcare provider perspective, MIS techniques enhance surgical precision and allow for complex procedures to be performed with greater accuracy. Key MIS devices include laparoscopic instruments such as graspers, dissectors, and

staplers, as well as robotic surgical systems that provide surgeons with enhanced vision and dexterity during operations. The demand for MIS devices in Egypt is driven by increasing patient awareness, surgeon proficiency in minimally invasive techniques, and advancements in device technology that support safer and more efficient surgeries. As healthcare facilities continue to invest in these advanced technologies, the Egypt General Surgery Devices market is poised to grow, catering to the evolving needs of both patients and healthcare providers seeking optimal surgical outcomes.

### Focus on Patient Safety and Outcomes

In Egypt, there is a growing emphasis on enhancing patient safety and improving clinical outcomes within the context of the General Surgery Devices market. This focus is driven by advancements in medical technology, increasing patient expectations, and regulatory requirements aimed at ensuring high standards of healthcare delivery. Healthcare providers in Egypt are prioritizing patient safety by investing in high-quality general surgery devices that adhere to international standards and guidelines. These devices include surgical instruments for precise incisions, suturing, and tissue manipulation, as well as advanced technologies like imaging systems and surgical navigation tools that enhance procedural accuracy. Improving clinical outcomes involves adopting innovative approaches such as minimally invasive surgery (MIS), which reduces risks associated with traditional open surgeries, including infection rates, blood loss, and recovery times. MIS procedures are facilitated by specialized devices such as laparoscopic instruments and robotic surgical systems, which enable surgeons to perform complex operations with enhanced precision and minimal trauma to surrounding tissues.

The integration of digital health technologies in general surgery devices supports real-time monitoring and feedback during procedures, contributing to safer surgical practices and better post-operative care. Regulatory bodies in Egypt play a crucial role in promoting patient safety by enforcing stringent guidelines for the approval, registration, and monitoring of medical devices. Compliance with these regulations ensures that healthcare facilities maintain high standards of care and patient safety across various surgical specialties. Therefore, the focus on patient safety and outcomes in the Egypt General Surgery Devices market underscores a commitment to delivering effective healthcare solutions that improve quality of life and enhance overall surgical care standards in the country.

### Segmental Insights

## Product Type Insights

Based on the product type, Medical Robotics & Computer-Assisted Surgical Devices stand out due to their transformative impact on surgical precision and patient outcomes. These devices integrate advanced robotics and computer technology to enhance the capabilities of surgeons during complex procedures. They offer benefits such as improved accuracy, reduced recovery times, and minimal invasiveness, which are increasingly valued in modern healthcare settings. The growth of medical robotics is driven by technological advancements, rising demand for minimally invasive surgeries, and the ability to perform intricate procedures that traditional methods may not achieve with the same level of precision. As a result, medical robotics and computer-assisted surgical devices represent a rapidly expanding segment within the global healthcare industry, including in Egypt, where their adoption is contributing to advancements in surgical care and patient safety.

## Method Insights

Based on the Method, Minimally Invasive Surgery (MIS) was dominated over Open Surgery due to its advantages such as reduced post-operative pain, shorter hospital stays, quicker recovery times, and less scarring. MIS techniques utilize small incisions and specialized instruments or robotics, appealing to both patients and healthcare providers seeking improved surgical outcomes and patient satisfaction. The increasing adoption of MIS reflects global trends towards less invasive procedures that enhance surgical precision while minimizing patient discomfort and recovery periods, making it a preferred choice in modern surgical practice, including in Egypt.

## Regional Insights

Cairo, as Egypt's capital and largest city, holds a dominant position in the country's General Surgery Devices Market for several key reasons. Cairo is the focal point of Egypt's healthcare infrastructure, hosting a significant number of hospitals, clinics, and medical centers equipped with advanced facilities and specialized surgical units. These healthcare facilities in Cairo attract patients from across Egypt seeking specialized surgical treatments, thereby driving demand for a wide range of general surgery devices. Cairo is home to a large concentration of skilled healthcare professionals, including surgeons and medical specialists trained in the use of modern surgical technologies. The city serves as a hub for medical education, research, and training, ensuring that healthcare providers in Cairo are well-prepared to adopt and utilize advanced surgical devices effectively.



Cairo's strategic geographical location and economic importance contribute to its prominence in the General Surgery Devices Market. The city serves as a gateway for international collaborations, investments, and partnerships in healthcare, facilitating the importation and distribution of medical devices from global manufacturers. Cairo's central role in Egypt's healthcare sector, combined with its robust infrastructure, skilled workforce, and strategic advantages, consolidates its dominant position in the General Surgery Devices Market, influencing market trends and innovations in surgical technologies nationwide.

### Key Market Players

Medtronic Egypt LLC

Olympus Egypt

Stryker Egypt

Smith & Nephew Egypt

Zimmer Biomet Egypt

Boston Scientific Egypt

Siemens Healthineers Egypt

GE Healthcare Egypt

Intuitive Surgical

Roche Egypt LLC

### Report Scope:

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

*Egypt General Surgery Devices Market, By Product Type (Handheld Devices, Laparoscopic Devices, Electrosurgical...*

below:

Egypt General Surgery Devices Market, By Product Type:

Handheld Devices

Laparoscopic Devices

Electrosurgical Devices

Medical Robotics & Computer-Assisted Surgical Devices

Others

Egypt General Surgery Devices Market, By Methods:

Open Surgery

Minimally Invasive Surgery

Egypt General Surgery Devices Market, By Application:

Gynecology

Urology

Cardiology

Orthopedic

Neurology

Others

Egypt General Surgery Devices Market, By End User:

Hospital & Clinics

Ambulatory Surgical Centers

Others

Egypt General Surgery Devices Market, By Region:

Cairo

Alexandria

Giza

Qalyubia

Port Said

Suez

Rest of Egypt

Competitive Landscape

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

Available Customizations:

Egypt 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).

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