

## **India General Surgical Devices - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

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### **Report description:**

The India General Surgical Devices Market size is estimated at USD 1.79 billion in 2025, and is expected to reach USD 3.13 billion by 2030, at a CAGR of 11.86% during the forecast period (2025-2030).

**India General Surgical Devices Market Growth:** The India General Surgical Devices Market is witnessing substantial growth, driven by several key factors that align with broader healthcare trends and the evolving demands of the population. These factors include the advancement of healthcare technology, increasing accessibility, and a growing emphasis on improving patient outcomes, positioning the market for significant expansion.

**Megatrends Influencing Market Expansion:** The overarching trends propelling the market include advancements in healthcare technology, improving access to healthcare services, and a focus on enhancing patient outcomes. These trends are further bolstered by specific drivers, which are influencing the market's trajectory and shaping the landscape of surgical devices in India.

**Rising Demand for Minimally Invasive Surgeries:** The increasing preference for minimally invasive surgeries (MIS) is a significant driver of the general surgical devices market in India. MIS offers multiple benefits, such as smaller incisions, less postoperative pain, and quicker recovery times. A 2023 report by Medicover Hospitals underscores that the reduced trauma and blood loss associated with MIS contribute to faster healing, making it a preferred option among both patients and healthcare providers. This growing preference is boosting the demand for specialized devices tailored to these procedures, particularly within the minimally invasive surgical devices market in India.

**High Rate of Injuries and Accidents:** India's high incidence of injuries, especially from road accidents, is a key factor driving the demand for surgical devices. The Ministry of Road Transport and Highways reported 4,61,312 road accidents in 2022, with injuries

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to over 4,43,366 people. This alarming rise has fueled a significant demand for surgical interventions, creating a surge in the need for surgical equipment, instruments, and disposables. As emergency and trauma cases rise, surgical device manufacturers in India are experiencing an increased demand for a wide range of devices.

**Increasing Prevalence of Chronic Diseases:** The growing burden of chronic diseases such as cardiovascular diseases, cancer, and arthritis has escalated the demand for surgical interventions, driving market growth. India's cardiovascular disease prevalence is projected to hit 5,236 per 100,000 people by 2030, while cancer cases are estimated at around 2 million annually. Such diseases require surgical procedures, which are propelling the demand for general surgical devices across the country, including orthopedic surgical devices in India.

**Technological Advancements in Surgical Devices:** Cutting-edge advancements in surgical technologies are further driving growth in the India general surgical devices market. There is an increasing shift toward articulating instruments with surgeon-controlled camera systems and robotic-assisted surgeries. These technologies are transforming surgical practices, leading to more precise and minimally invasive procedures. The integration of these advancements in surgical equipment is expected to boost the India medical equipment industry outlook, with a focus on robotic and minimally invasive devices.

**Government Initiatives and Healthcare Infrastructure:** The Indian government's focus on strengthening healthcare infrastructure and promoting the domestic production of medical devices is providing a solid foundation for the market's growth. Initiatives such as expanding the Pradhan Mantri Bhartiya Janaushadhi Kendras to include surgical products and efforts to grow the India healthcare device market to USD 50 billion by 2025 are creating opportunities for surgical device manufacturers in India to capitalize on increasing demand.

## India General Surgical Devices Market Trends

### Electro-Surgical Devices: Powering Precision in India's Surgical Landscape

**Segment Dominance:** Electro-surgical devices represent a dominant segment in India's general surgical devices market, commanding a market share of approximately 29%. These devices are instrumental in modern surgeries, offering precision in cutting, coagulating, and sealing tissues. Their role in minimally invasive procedures has made them indispensable in operating rooms, driving the demand for energy-efficient and versatile tools.

**Driving Forces:** The rising prevalence of chronic diseases and increasing demand for minimally invasive surgeries are propelling the growth of electro-surgical devices. The ongoing modernization of healthcare facilities, particularly in tier-2 and tier-3 cities, has further expanded the market for these devices. As India's healthcare system upgrades, the demand for precision and efficiency in surgeries continues to rise, making electro-surgical devices a key growth driver.

**Competitive Landscape:** Companies competing in this space are focusing on product innovation and cost-efficiency to cater to India's price-sensitive market. Manufacturers are investing heavily in research and development to develop advanced electro-surgical devices, addressing both efficiency and user-friendliness. As the India surgical equipment market grows, companies will need to navigate competitive pressures while exploring the development of alternative energy-based surgical technologies.

### Orthopedic Applications: A Catalyst for Growth

**Segment Dynamics:** The orthopedic applications segment is one of the fastest-growing areas within India's general surgical devices market, boasting a projected CAGR of 12.72% from 2024 to 2029. With an aging population and a rising incidence of orthopedic disorders such as osteoarthritis, the demand for orthopedic surgeries, including joint replacements, is increasing

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rapidly.

**Growth Catalysts:** Key factors driving growth in the orthopedic surgical devices market include an aging population, an increasing number of sports-related injuries, and the high rate of road accidents. These factors are expected to propel the demand for advanced orthopedic devices, particularly in tier-2 and tier-3 cities, where healthcare infrastructure is rapidly expanding.

**Market Strategies:** Manufacturers are responding to this demand by developing innovative, minimally invasive orthopedic surgical tools and implants. Collaborations with hospitals and healthcare professionals are helping companies tailor their products to the Indian market while expanding distribution networks to reach more regions. This strategic expansion is positioning the orthopedic devices segment for continued growth in India's evolving surgical landscape.

## India General Surgical Devices Industry Overview

**Global Players Dominate Indian Market:** The India general surgical devices market is characterized by the dominance of global players such as Johnson & Johnson (Ethicon), Medtronic, and Olympus Corporation. Together, these three companies account for over 40% of the market share. Their strong brand reputation, extensive product portfolios, and economies of scale create high entry barriers for new competitors.

**Market Leaders Leverage Innovation:** The market's leading companies focus on innovation, maintaining their competitive edge by investing in research and development. Johnson & Johnson holds a 23.75% share in the surgical energy devices market, while Medtronic controls 21% of the wound protector/retractor segment. Their comprehensive portfolios and global reach allow them to offer competitive pricing, essential for navigating India's price-sensitive healthcare market.

**Strategies for Future Success:** To gain market share, companies must develop cost-effective and locally tailored products, such as affordable laparoscopic instruments. Expanding presence in tier-2 and tier-3 cities, where demand for surgical devices is increasing, is also critical. Partnerships with local healthcare providers and educational institutions will further drive the adoption of advanced surgical technologies.

**Additional Benefits:**

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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