

Minimally Invasive Surgery Market is expected to exhibit a 5.2% CAGR between 2022 and 2032

Minimally Invasive Surgery market covering 30 + countries including analysis of US, Canada, UK, Germany, France, Nordics, GCC countries, Japan, Korea and many



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10, 2023 /EINPresswire.com/ -- In FY 2022, the market for minimally invasive surgery will likely be worth US\$6.31 billion, up from US\$6 billion in FY 2021. The industry saw a Y-o-Y gain of 5.2% over the past year. The [Minimally Invasive Surgery market](#) is anticipated to grow at a CAGR of 5.2% from 2022 to 2032 and reach a value of US\$ 10.5 billion.

Over the years, the practice of medicine has seen amazing changes, with technological developments altering how operations are carried out. Minimally invasive surgery (MIS) is one of these revolutionary advancements that stands out as a spectacular accomplishment, changing the way doctors approach surgical procedures and patient care. Due to its many benefits over conventional open surgeries, the market for minimally invasive surgery has been growing quickly ranging from reduced patient trauma to faster recovery times and shorter hospital stays.

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Minimally invasive surgery encompasses a range of techniques that utilize small incisions, specialized tools, and advanced imaging technologies to access and treat internal organs or tissues. Unlike traditional open surgeries that require large incisions and significant tissue disruption, MIS procedures rely on precision instruments and real-time imaging to guide surgeons, resulting in smaller scars, less pain, and quicker healing for patients. This approach has garnered immense interest and adoption across various medical specialties, including but not limited to, cardiology, orthopaedics, gynaecology, urology, and gastroenterology.

One of the primary drivers of the minimally invasive surgery market's growth is the notable reduction in post-operative complications and patient discomfort. Traditional open surgeries often result in extended hospital stays, increased risk of infection, and prolonged recovery

periods. In contrast, MIS procedures significantly mitigate these risks, allowing patients to return to their daily routines and activities much sooner. This aspect not only improves patient satisfaction but also contributes to substantial cost savings for healthcare systems.

The evolution of technology has played a pivotal role in propelling the minimally invasive surgery market forward. Innovations such as high-definition cameras, advanced surgical robotics, and real-time image-guided navigation systems have enhanced surgeons' capabilities, enabling them to perform intricate procedures with unparalleled precision. Surgical robots, for instance, provide a remarkable level of dexterity and precision, allowing surgeons to manipulate instruments through tiny incisions with enhanced range of motion and stability.

Key Players and Competitive Landscape

- University of Pittsburgh Medical Center
- Rutland Medical Center
- Huntington Hospital
- Washington Hospital Healthcare System
- The Ottawa Hospital
- Michael's Hospital
- Ipswich Hospital
- Apollo Hospitals Enterprise Limited
- Healthcare Global Enterprises Ltd.

Moreover, the minimally invasive surgery market has been driven by an increasing emphasis on value-based healthcare. As healthcare systems seek to optimize patient outcomes while managing costs, MIS has emerged as a cornerstone of achieving these objectives. The shorter hospital stays, reduced need for pain management, and quicker return to normal activities associated with MIS translate to substantial cost savings for both patients and healthcare providers.

However, the widespread adoption of minimally invasive surgery has not been without its challenges. Surgeons must undergo specialized training to master these techniques, and there is a learning curve associated with transitioning from traditional open surgeries to MIS procedures. Additionally, the initial investment required for advanced equipment and technologies can be a barrier for some healthcare institutions. Despite these challenges, the long-term benefits in terms of patient outcomes and cost savings have prompted a steady uptake of MIS across medical facilities worldwide.

The minimally invasive surgery market is characterized by a competitive landscape with several key players actively contributing to its growth. Companies specializing in medical devices, imaging technologies, and surgical robotics are continuously innovating to develop new tools and technologies that enhance the capabilities of minimally invasive procedures. Collaborations between medical professionals and technology experts have led to the development of ground-

breaking solutions that push the boundaries of what is achievable through MIS.

Looking ahead, the minimally invasive surgery market is poised for further expansion as ongoing research and development efforts drive the creation of novel techniques and technologies. As patient demand for less invasive procedures continues to rise, the healthcare industry will likely witness an increased focus on refining existing MIS techniques and developing new applications across various medical disciplines. Furthermore, emerging markets around the world present significant opportunities for growth, as healthcare systems seek to adopt advanced surgical practices that offer improved patient outcomes and cost-effective solutions.

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