

## **France Minimally Invasive Surgery Devices Market - Growth, Trends, and Forecasts (2023 - 2028)**

Market Report | 2023-01-23 | 80 pages | Mordor Intelligence

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### **Report description:**

The France minimally invasive surgery devices market is expected to witness a 5.6% CAGR during the forecast period.

#### Key Highlights

The COVID-19 pandemic significantly impacted France's minimally invasive surgery devices market during the initial phases as the surgeries got delayed due to the lockdown, and the import and export of medical devices, including minimally invasive surgery devices, were restricted in the country. However, the sector has been recovering well since the restrictions were lifted. Over the last two years, the market recovery has been led by an increase in minimally invasive surgery device sales, new product launches, and surgical procedures.

The major factors expected to drive the market growth are the rising number of surgical procedures, the burden of chronic diseases in the country, and technological advancement in the products. For instance, according to the International Agency for Research on Cancer (IARC) estimations, cancer incidence is estimated at 579,388 by 2040 in France. Additionally, demand for minimally invasive operations is routine for many illness areas. Hence, as chronic diseases such as cancer increase, the chance of adopting minimally invasive devices increases, thereby boosting the market growth.

For instance, a study published in July 2022 by researchers in France stated that median arcuate ligament syndrome (MALS) relief with robot-assisted laparoscopy was found to be safe and provides satisfactory outcomes in symptom relief and coeliac artery (CA) compression release. Therefore, considering the improved results of minimally invasive surgery performed in France is projected to increase demand for minimally invasive surgery equipment and fuel market expansion during the forecast period. Moreover, the benefits associated with minimally invasive surgeries also increase the adoption rate of minimally invasive surgery devices. As minimal cuts or stitches are involved, the hospital stay is relatively shorter, and patients need not visit the hospital frequently. Traditional open surgeries involve long incisions made through the muscles, and these muscles take a considerable amount of time to heal. In contrast, minimally invasive surgery procedures involve smaller incisions, leading to a quicker recovery.

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Additionally, product launches, mergers, acquisitions, and related conferences in minimally invasive surgery devices are likely to boost the market growth. For instance, during EuroPCR 2022 in May 2022, Corindus, a manufacturer of precision vascular robotics, displayed the CorPath GRX System, a medical device that has received CE and FDA clearance for robotic-assisted coronary procedures. conducted in France. Such product demonstrations increase the product awareness of minimally invasive surgery systems in France, thereby driving the studied market's growth over the forecast period.

Hence, considering the rising number of surgical procedures along with the burden of chronic diseases, France's minimally invasive surgery devices market is likely to witness growth over the forecast period. However, the need for more skilled professionals may limit the market growth during the forecast period.

## France Minimally Invasive Surgery Devices Market Trends

### Orthopedic Surgery Segment is Expected to Exhibit a Growth in the France Minimally Invasive Surgery Devices Market Over the Forecast Period

Orthopedic surgery is related to conditions involving the musculoskeletal system. Orthopedic surgeries are surgical and nonsurgical means to treat or correct musculoskeletal trauma, spine diseases, sports injuries, degenerative diseases, infections, tumors, and congenital disorders.

Elderly patients are more prone to spinal injuries. As a result, more elderly patients have concerns regarding back pain and other structural joint issues. Hence the rise in the geriatric population is likely to boost the orthopedic segment growth during the forecast period.

For instance, according to the World Bank Group, the population over 65 in France was 14,233,470 in 2021. Furthermore, product launches, mergers, and acquisitions in orthopedic minimally invasive surgery devices will likely boost the market growth. For instance, in April 2022, eCential Robotics, a French growth company that designs, manufactures, and markets unified 2D/3D robotic imaging and surgical navigation system for bone surgery indications, and Amplitude Surgical, leading French player on the surgical technology market for lower limb orthopedics, announced their long-term partnership to develop a joint robotic solution for knee surgery. Robotics technologies provided by eCential Robotics will enable the specific features of Amplitude Surgical's solutions in surgical navigation and orthopedic implants to be fully leveraged, thereby optimizing the surgery offered to the patient.

In addition, research and development, funding, and new start-ups relating to orthopedic minimally invasive surgery devices will likely promote market growth. For instance, in July 2022, Ganymed Robotics, a Paris, France-based developer of computer vision software and robotics technologies for orthopedic surgeons, raised EUR 21 million (USD 20.9 million) in the first close of its Series B funding.

Furthermore, the rise in road accidents and injuries increases the demand for orthopedic surgeries, which is anticipated to boost market growth during the forecast period. For instance, as per the French road safety observatory 2022 report, 5,884 people were injured in October 2022. Thus, as the number of road accidents and injuries increases, the demand and need for orthopedic minimally invasive surgery increases, thereby boosting the market growth over the forecast period.

Hence, a rise in the elderly population, a rise in road accident injuries, an increase in research and development, funding, and new initiatives in the field of orthopedic minimally invasive surgery technologies are anticipated to boost the orthopedic surgery segment in France's minimally invasive surgery market during the forecast period.

### Robotic Assisted Surgical Systems Segment is Anticipated to Witness a Growth in the France Minimally Invasive Surgery Devices Market Over the Forecast Period

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Robotic surgery is a type of surgical procedure that is done using robotic systems. Robotic-assisted surgeries allow surgeons to carry out a variety of complex treatments with greater control, precision, and flexibility than is feasible with traditional methods. Robotic surgery is often related to minimally invasive surgery, which involves operations through small incisions. It may also be employed occasionally during various types of open surgery.

Factors such as a higher acceptance rate of minimally-invasive surgeries over traditional surgeries and increased technological advantages offered by robotic surgeries drive market growth over the forecast period. For instance, according to an update from Atlantic Clinic - Ramsay Health, for several years, the Clinique de l'Atlantique (Ramsay Sante), located in Puilboreau (Charente-Maritime), has been using a surgical robot during radical prostatectomies. Radical prostatectomy is a routine urological surgery that removes the prostate to treat cancer.

The benefits of robotic surgery will likely cause this market segment to grow during the forecast period. Furthermore, cardiovascular surgeries are conducted with the support of robotic-assisted systems. Research and developments related to cardiovascular robotic-assisted surgeries are anticipated to boost market growth over the forecast period.

For example, at EuroPCR 2022, which took place in France in May 2022, new information about robotic-assisted percutaneous coronary intervention (PCI) was presented. Results from the R-Evolution study, which included 62 patients, concluded that PCI using the R-One (Robocath) robotic system was safe and effective for patients while reducing X-ray exposure.

Moreover, the rise in cancer cases in France is anticipated to boost market growth as there is likely to be an increase in demand for sophisticated robotic-assisted systems in hospitals. With robotic surgery, specially trained surgeons use robotic technology, including tiny surgical tools and a computer console, to remove a patient's cancer. As the number of cancer cases increases, the demand for the robotic-assisted surgery system increases, thereby driving the market growth. For instance, as per the IARC estimations, the number of new cancer cases is estimated to be 530,863 by 2030. This number is likely to be raised to 579,388 by 2040.

Hence, considering the rise in demand for robotic-assisted surgeries and the increase in chronic diseases such as cancer, the robotic-assisted surgery system segment is anticipated to witness growth in the market over the forecast period.

#### France Minimally Invasive Surgery Devices Market Competitor Analysis

The France minimally invasive surgery devices market is fragmented in nature due to the presence of several companies operating globally as well as regionally. The competitive landscape includes an analysis of a few international as well as local companies which hold market shares and are well known. Some of the major players in the France minimally invasive surgery devices market are Terumo Corporation, Karl Storz GmbH, Olympus Corporation, General Electric Company (GE Healthcare), and Dragerwerk AG & Co., and KGaA among others.

Additional Benefits:

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

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