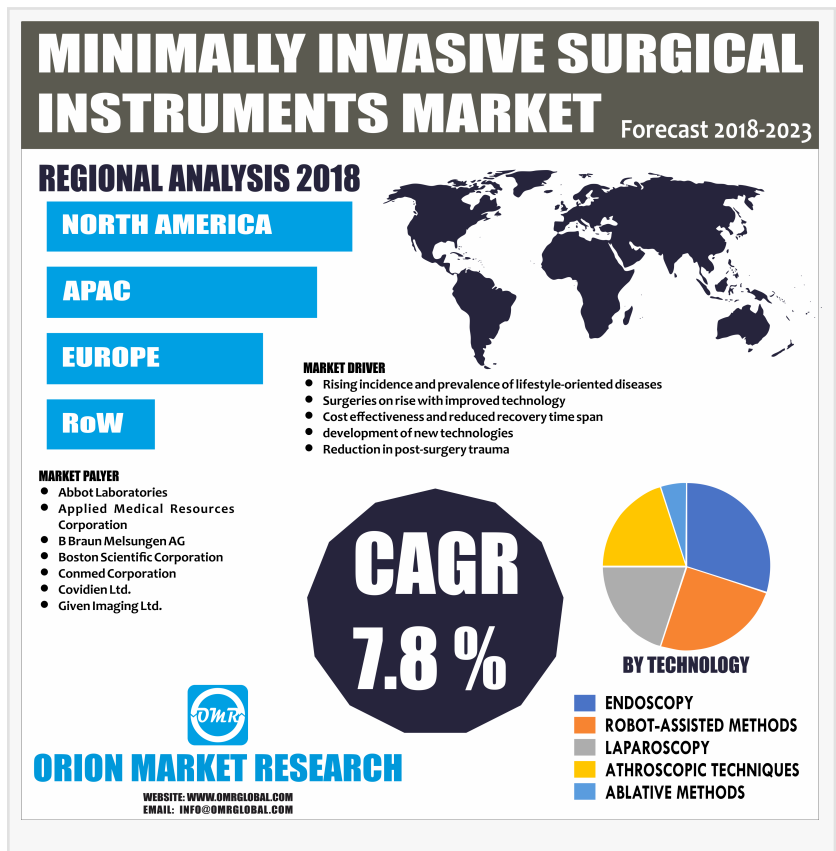


# Global Minimally Invasive Surgical Instruments Market Research and Forecast 2018-2023

*Global Minimally Invasive Surgical Instruments Market, Size, Share, Market Intelligence, Company Profiles, Market Trends, Strategy, Analysis, Forecast 2018-2023*

INDORE, INDIA, August 17, 2018 /EINPresswire.com/ -- According to OMR analysis the global minimally invasive surgical instruments market is growing significantly during the forecast period 2018-2023. The global minimally invasive surgical instruments market has been segmented on the basis of product, technology and applications. The report provides detailed & insightful chapters which includes market overview, key findings, strategic recommendations, market estimations, device regulations, market determinants, key company analysis, market insights, [company profiling](#), market segmentation, and geographical analysis.



Increasing prevalence of lifestyle oriented diseases such as [CVD](#) is driving the demand for minimally invasive surgical instruments market. According to WHO, CVD is the major cause of death globally and more people lost their lives due to CVD than any other cause. CVD has accounted around 17.7 million deaths in 2015. It represents 31% of all global deaths. Among these deaths, 7.4 million were occurred due to heart disease and 6.7 million due to stroke. More than three quarters of CVD deaths witnessed in low and middle income countries. Such prevalence of CVD leads the demand for minimally invasive surgical instruments for the treatment of patients with CVD. The advantage of minimally invasive cardiac surgery is extensive than the open-heart surgery. Open heart surgery requires 6-8 incision in the chest and might be needed temporary placement of a pacemaker to regulate patient's heartbeat.

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Rising prevalence of lifestyle-oriented diseases & technological innovations is fuelling minimally invasive surgical instruments market.”

OMR Analyst

Full report of Global Minimally Invasive Surgical Instruments Market is available at: <https://www.omrglobal.com/industry-reports/minimally-invasive-surgical-instruments-market/>

However, the minimally invasive cardiac surgery can be performed using robotic and involves one or more tiny incisions between ribs. Thereafter, surgical instruments coupled with small camera are placed through the incision. Then, the surgical tools are linked to the arms of robotics that is controlled by the surgeon with a computerized device. The instruments used in minimally invasive cardiac surgery include retractors, forceps, cutter instruments, stents and sutures. Additionally, minimally invasive cardiac surgery methods are used in atrial septal defect closure, aortic valve replacement, mitral valve repair and maze procedures to treat atrial fibrillation. There are several benefits associated with minimally invasive cardiac surgery as smaller incisions are involved in it. Moreover, it includes shorter hospital stays (generally 2-5 days), minimal risk of bleeding and infection, less scarring and pain and shorter recovery time.



The global minimally invasive surgical instruments market is segmented into product, technology and applications. Based on technology, robotic-assisted methods are gaining significant popularity and technological innovations have been observed which is increasing the effectiveness of this technology. Robot-assisted methods are used in several specialties, including head and neck surgery, urology, gynecologic oncology, cardiothoracic and gastrointestinal. For example, In Dec 2016, Cambridge consultants developed Axis robot to overcome challenges of current surgical robots, including the inability to act with extremely fragile and detailed tissues and large size of the robots. Like da Vinci surgical systems, Axis doesn't use rigid and long instruments, however, rely on flexible components results in the smaller size of the robot. Axis is designed to perform cataract surgery. It has flexible, tiny and worm-like arms and controlled with a joystick that offers tactile feedback. Additionally, it has an internal algorithm autopilot that keeps the surgeons who are guiding it to not make dumb mistakes. The system assimilates with real-time 3D imaging that provides an advanced level of robotic assistance. Posterior Capsule (PC) tears are the most common serious complications in the UK. Axis can reduce complications rates and develop patient outcomes.

The report covers:

Comprehensive research methodology of Global MIS Instruments Market.

This report also includes detailed and extensive market overview with Analyst insights & key market trends.

Exhaustive analysis of macro and micro factors influencing the market guided by key recommendations.

Analysis of regional regulations and other government policies impacting the Global MIS Instruments Market.

Insights about market determinants which are stimulating the Global MIS Instruments Market.

Detailed and extensive market segments with regional distribution of forecasted revenues.

Extensive profiles and recent developments of market players.

For related reports please visit: <https://www.omrglobal.com/reports-category/medical-devices/>

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