

# Global Robotic Surgery Market Report - Size & Growth at a CAGR of 17.4% by 2028, Forecast By Zion Market Research

*The global Robotic Surgery Market is projected to reach USD 19.7 billion by 2028, a 17.4% CAGR between 2022 and 2028.*

DEERFIELD BEACH, FLORIDA, UNITED STATES, August 31, 2022

/EINPresswire.com/ -- Global Robotic Surgery was valued at \$6.35B in 2021 and is projected to generate a revenue of \$19.7B by 2028 while growing at a CAGR of 17.4% during the forecast period.



The [Global robotic surgery market](#) is expected to reach USD 19.7 billion by 2028 from USD 6.35 billion in 2021, with a compound annual growth rate (CAGR) of around 17.4 % throughout the forecast period. Robotic surgery is a kind of minimally invasive surgery in which surgical

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*Zion Market Research*

procedures are carried out by robots. These robotic devices, which are controlled by doctors and comprise miniature surgical instruments mounted on robotic arms, enable surgeons to perform operations precisely. The use of surgical robotic systems, which include tools, add-ons, software, and services, enables doctors to carry out a variety of minimally invasive procedures, including orthopedic, neurological, cardiac, gynecological, and other procedures. Robotic systems give doctors the ability to

automate surgery, which increases efficiency during the procedure and reduces post-operative problems. Additionally, they enable surgeons in working on inaccessible body areas by providing accurate representations of body components and improving dexterity.

The study also provides a summary of many other significant areas, such as the financial performance of the key companies, a SWOT analysis, a product portfolio, and the most recent

changes in strategic planning.

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## Market Growth

The advantages connected with robotic surgeries such as lesser incisions, fewer cuts, lower scarring, reduced discomfort, greater safety, quicker recovery times, and significant cost savings, are driving up demand for minimally invasive surgeries (MIS) globally. These benefits are enhanced by robotic minimally invasive surgery, which provides improved precision, repeatability, manageability, and effectiveness. The surgical success rate in the IRDG group was almost 98 percent; this was significantly higher than the CLDG (conventional laparoscopic distal gastrectomy) group, which taken into account for 89.5 percent success rate, as per a recent article on the contrast of surgical results among conventional laparoscopic and integrated robotic surgery for distal gastrectomy. All of these factors are likely to drive the global robotic surgery market.

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## Market Segmentation Overview

Robotic surgery, also known as robot-assisted surgery, enables medical professionals to carry out a variety of intricate treatments with greater accuracy, adaptability, and control than is feasible with traditional methods. Robotic surgery is frequently related to minimally invasive surgery, which involves operations done through small incisions. It may also be employed sometimes during various types of open surgery. A camera arm and motorized arms with surgical tools attached are part of the most popular clinical robotic surgical system. While sitting at a computer panel next to the operating table, the surgeon manages the arms. A high-definition, enlarged, 3D image of the surgical site is provided to the surgeon through the console. Other members of the team who assist with the procedure are under the surgeon's direction.

Some key players of the global Robotic Surgery Market are:

Stryker Corporation  
Medrobotics  
Smith & Nephew  
TransEnterix Surgical Inc.  
Renishaw plc.  
Intuitive Surgical  
Medtronic

THINK Surgical Inc.  
Zimmer Biomet.

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This report segments the global Robotic Surgery Market into:

Global Robotic Surgery Market: By Component

Systems  
Accessories  
Services

Global Robotic Surgery Market: By Surgery Type

Gynecology Surgery  
Urology Surgery  
Neurosurgery  
Orthopedic Surgery  
General Surgery  
Other Surgeries

Global Robotic Surgery Market: Regional Analysis

North America  
The U.S.  
Canada  
Europe  
France  
The UK  
Spain  
Germany  
Italy  
Rest of Europe  
Asia Pacific  
China  
Japan  
India  
South Korea  
Southeast Asia  
Rest of Asia Pacific  
Latin America

Brazil  
Mexico  
Rest of Latin America  
Middle East & Africa  
GCC  
South Africa  
Rest of Middle East & Africa

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Contact Us:

Rushikesh Dorge  
Zion Market Research  
+ +1 855-465-4651  
[rushieksh.d@zionmarketresearch.com](mailto:rushieksh.d@zionmarketresearch.com)

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