

# **Global Surgical Robots Market Size study, by Product type (instruments & accessories, robotic systems, services), Application (general surgery, gynecological surgery, orthopedic surgery, urological surgery, neurosurgery, other applications), End use (hospitals, ambulatory surgery centers) and Regional Forecasts 2021-2027**

<https://marketpublishers.com/r/G3AD1AF1498EN.html>

Date: May 2021

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G3AD1AF1498EN

## **Abstracts**

Global Surgical Robots Market is valued approximately USD 5.44 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 17.6 % over the forecast period 2021-2027. Robotic surgery is a type of minimally invasive surgery during which doctors use very small surgical instruments that fit into a patient's body through a series of tiny incisions. Also, used for a number of different procedures including Coronary artery bypass, cutting away cancer tissue from sensitive parts of the body such as blood vessels, nerves, or important body organs, gallbladder removal, etc. Demand for minimally invasive surgeries, growing technologies, highly advanced visualization capabilities, rising investment in advance health infrastructure has led the adoption of Surgical Robots Market across the forecast period. As highly advanced visualization capabilities that provide surgeons with a superior view of the operating area, using HD cameras to illustrate microscopic structures. For instance, as per IBEF the total health care budget US\$ 30.70 billion in 2021 in India, as per NHS budget Health and Social Care in England was ?212.1 billion in 2020/21. However, high cost of robotic systems impedes the growth of the market over the forecast period of 2021-2027. Also, with the increasing prevalence of injuries and increasing penetration of surgical robots in ASCs (Ambulatory surgery centers) the adoption & demand for Surgical Robots is likely to increase.

The main regions of Asia Pacific, North America, Europe, Latin America, and the Rest of the World are considered in the geographical study of the global surgical robots market. North America is the leading region across the world in terms of market share owing to availability of funding for R&D in surgical robots in this region and the increasing adoption of surgical robots for pediatric surgeries. While Asia-Pacific is also anticipated to exhibit highest growth rate over the forecast period 2021-2027. Factors responsible for this growth are rising disposable income, rising incidences of injuries and improving healthcare infrastructure would create lucrative growth prospects for the Surgical Robots market across Asia-Pacific region.

Major market player included in this report are:

INTUITIVE SURGICAL  
STRYKER CORPORATION  
MEDTRONIC  
SMITH & NEPHEW  
ZIMMER BIOMET  
ASENSUS SURGICAL  
CORINDUS VASCULAR ROBOTIC  
RENISHAW  
AVATERAMEDICAL GMBH  
CMR SURGICAL

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

INSTRUMENTS & ACCESSORIES  
ROBOTIC SYSTEMS SERVICES

By Application:

GENERAL SURGERY  
GYNECOLOGICAL SURGERY  
ORTHOPEDIC SURGERY  
UROLOGICAL SURGERY

NEUROSURGERY

OTHER APPLICATIONS

By End Use:

HOSPITALS

AMBULATORY SURGERY CENTERS

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Surgical Robots Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

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