

# Surgical Robots - Global Market Outlook (2020-2028)

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## Abstracts

According to Statistics MRC, the Global Surgical Robots Market is accounted for \$5.44 billion in 2020 and is expected to reach \$22.78 billion by 2028 growing at a CAGR of 19.6% during the forecast period. The rise in funding for medical robot research, technological advancements and increasing adoption of surgical robots are driving the market growth. However, the high cost of robotic systems and lack of skilled professionals are hampering the growth of the market.

Surgical robots are advanced medical devices with robotic arms and instruments attached to them. Robotic surgery is a type of minimally invasive surgery which utilizes robotics for performing surgical procedures. These robotic systems are operated by surgeons and consist of miniaturized surgical instruments which are mounted on robotic arms, thus allowing surgeons to perform the surgeries precisely.

Based on the end user, the hospitals segment is going to have lucrative growth during the forecast period due to the high number of inpatient visits, an increasing number of surgical procedures, improving and better hospital infrastructure and skilled healthcare personnel in the developed regions and developing infrastructure the scenario in emerging economies. By geography, North America is going to have high growth during the forecast period owing to the availability of funding for R&D in surgical robots in this region and the increasing adoption of surgical robots for pediatric surgeries in Canada and general surgery procedures in the US.

Some of the key players profiled in the Surgical Robots Market include Verb Surgical, Titan Medical, Auris Health, Stryker Corporation, Medtronic, Renishaw, Preceyes BV, OMNIlife Science, Microsure, avateramedical GmbH, CMR Surgical, Medrobotics Corporation, Intuitive Surgical, Corindus Vascular Robotics, Zimmer Biomet, Smith & Nephew, Asensus Surgical, Think Surgical and China National Scientific Instruments And Materials Corporation (CSIMC).

## Surgery Types Covered:

Urological Surgery

Transplant

ENT (Ear, Nose, and Throat) Surgery

Spinal Surgery

Robotic Radiosurgery System

General Surgery

Orthopedic Surgery

Neurosurgery

Laparoscopy

Interventional Cardiology

Head and Neck Surgery

Gynecological Surgery

Thoracic Surgery

Gastrointestinal

Radical Prostatectomy

Endometriosis

Colorectal Surgery

Heart Surgery

#### Control Mechanisms Covered:

Direct Telemanipulator

Computer Control

#### Products and Services Covered:

Instruments and Accessories

Robotic Systems

Services (Maintenance & Upgradation)

#### Mode of Applications Covered:

Minimal Invasive

Open Surgery

#### Brands Covered:

ROSA

CyberKnife

Mako Rio

Robodoc

DA Vinci Surgical System

Renaissance

Artas

### Applications Covered:

Adults

Geriatrics

Pediatrics

### End Users Covered:

Ambulatory Surgery Centers

Hospitals

### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

## Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

## South America

Argentina

Brazil

Chile

Rest of South America

## Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

## What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025 and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

## Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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