

# Technology Trends In Surgical Robotic Products

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## Abstracts

### Brief About Benchmarking

The report comprises the technology adoption trends in the global surgical robotics market and the contribution of the key players of the market in the evolution of robotic surgery. The special report signifies the current capabilities and development potential of robotic surgery systems. It helps to identify the spectrum of new surgical robotic systems, developed by both medical device companies and robotic laboratories, which is changing the current paradigm and creating a more competitive market.

### Product Objectives

Technology trend helps to understand the most adopted technologies and the technology focus of the key surgical robotics manufacturers. The special report also gives an understanding of the various clinical utilities of the commercialized systems and the impact of new entrants in the further evolution of surgical procedures.

The new-entrants, as well as relatively smaller yet growing companies, can track how the prominent players of the global surgical robotics market are strategizing, to expand clinical utilities of their proprietary systems. Companies can choose to trace the most adopted technologies and the emerging technologies to get a competitive edge and align the strategic plans in-line with the technology trends.

### Business Benefits

- 1) Be cognizant of the technologies in different phases like innovation, early adoption, disillusionment, lift off to mass adoption, and sustainable growth
- 2) Be informed about the prospective competitors gaining an edge and progressing

rapidly through technological advancement

- 3) Understand the preferences of healthcare professionals towards different cutting-edge technologies and advanced features
- 4) How different manufacturers are emphasizing on the R&D and new product development
- 5) Which competitors are approaching the expansion of clinical applications and product development, and where does the priority lie
- 6) Companies can fine-tune business efforts and further technological progression based on the evaluation
- 7) The report also acts as an indicator to decide on best-suited companies for investments, prospecting, and strategic alliance

How the companies were selected

The companies were chosen based on multiple parameters, such as financial strength, revenue growth, product portfolio, global presence, and recent developments, among others. The report also considers the relatively small global or regional companies which are driving the market growth with technological developments and product innovations.

The companies which have been considered to profile are

Intuitive Surgical Inc.

Corindus Vascular Robotics Inc.

Accuray Incorporated

Zimmer Biomet Holdings Inc.

TransEnterix, Inc.

Stereotaxis, Inc.

Titan Medical Inc.

Restoration Robotics

Medtronic plc

Stryker Corporation

Renishaw plc

KUKA AG

THINK Surgical, Inc.

Synaptive Medical

Medrobotics Corporation

Auris Health, Inc.

SRI International

CMR Surgical Ltd

Applied Dexterity

Meere Company

## How we evaluated and analyzed

The 20 players of the global surgical robotics market were screened on the basis of the revenue, global presence, product capability and differentiation, clinical applications, and inorganic and organic growth strategies. The product portfolio, clinical application, and technology adoption were mapped for all enlisted companies. The seven potential technologies were chosen on the basis of their commercial viability, and adoption by both the manufacturers and end-users. Quantitative and qualitative data for each technology was gathered from secondary sources like annual reports, product brochures, investors presentations, white papers, and research articles, among others.

Besides taking into account the qualitative data, the technology trend analysis also considered the information regarding the number of installations of the surgical robots, and the number of surgeries performed. Thus, both qualitative and quantitative data was used to draw a conclusive and insightful analysis pertaining to the technology trends in the global surgical robotics market.

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