
Description: Robotics technology is a dynamic and transformative area in the field of medicine because it offers the precision and control that minimally invasive procedures require. Robotics is now being used in gall bladder surgery, heartburn and gastro esophageal reflux correction and endoscope positioning. As the technology is largely getting integrated with the medical field, the use and demand of robot assisted surgical systems is increasing both in developing and developed economies.

The report “Global Robotic Surgery Market” provides an in-depth analysis of the global market for medical robotics, global spending on robotic systems along with a focus on application of da Vinci system worldwide. The major trends, growth drivers as well as issues being faced by the industry are being presented in this report. The major players in the industry, Intuitive Surgical, Accuray and Hansen Medical are being profiled.

The key factors driving the growth of the robotic surgery market are rising incidence of chronic and infectious disease, rising healthcare expenditure, growth in minimally invasive surgery (MIS), growth in robotic surgical procedures, ageing population and technological developments. Some of the noteworthy trend and developments of this industry are expanding use of robots in general surgery, emerging differentiation and changing technology landscape. However, the expansion of global robotic surgery market is hindered by high implementation cost and regulatory risk.

By combining SPSS Inc.’s data integration and analysis capabilities with our relevant findings, we have predicted the future growth of the industry. We employed various significant variables that have an impact on this industry and created regression models with SPSS Base to determine the future direction of the industry. Before deploying the regression model, the relationship between several independent or predictor variables and the dependent variable was analyzed using standard SPSS output, including charts, tables and tests.

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