Medical Robots Market by Type (Surgical Robot, Rehabilitation Robotics, Telemedicine, Assistive Robots, Orthotics, Prosthetics, Radio Surgery, Exoskeleton) & Application (Orthopedic, Neurology, Laparoscopy)- Global Forecasts to 2018

By MarketsandMarkets

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The global medical robots market over the forecast period of 2013 to 2018. Medical Robotic Systems Market was valued at $1,781 million in 2013 and is expected to reach $3,764 million by 2018, growing at a CAGR of 16.1% from 2013 to 2018. RNR presents analysis and discussion about medical robots market, its forecasts and more is now available in the global research report “Medical Robots Market by Type (Surgical Robot, Rehabilitation Robotics, Telemedicine, Assistive Robots, Orthotics, Prosthetics, Radio Surgery, Exoskeleton) & Application (Orthopedic, Neurology, Laparoscopy)- Global Forecasts to 2018”. This report can be ordered at ReportsnReports.com.

Over the years, the medical robotic market, which comprises surgical robots, rehabilitation robots, non-invasive radiosurgery robots, hospital and pharmacy robots, and other robotic systems, has witnessed various technological advancements. These advancements have led to a growth in the number of application areas of medical robotic systems. Medical robotic systems are used in neurology, orthopedics, laparoscopy, special education, and other areas.
The hospital and pharmacy robots segment is the fastest-growing segment of the medical robotics market. The increasing demand for telemedicine robots is likely to propel the growth of this market. Along with this, technological developments and increasing adoption of newer technologies by hospitals are some factors that are propelling the demand for hospital and pharmacy robots. The other major segment under hospital and pharmacy robots is the i.v. robots segment. i.v. robots are dispensing robots used in hospitals and pharmacies to accurately compound drug mixtures. These robots are used to administer safe, accurate, efficient, cost-effective, and ready-to-administer IV admixtures.

Factors such as an aging population, increasing spending power of the middle-class population, increasing number of private sector hospitals, advancements in endoscopic technologies, and expansions of rural healthcare facilities are also going to play a pivotal role in boosting the demand for medical robotics in the Asian region. China and Japan will be the focal point for the growth of medical robotics in the Asian market. Countries such as Singapore and Thailand are also expected to witness growth in this sector, owing to increasing government support. North America and Europe are both likely to witness an increasing demand for medical robotics owing to technological advancements as well as increased government support in both the geographies.
Row includes regions such as Latin America, Africa, the Middle East, and the Pacific countries. These markets are slated to grow at a steady pace owing to the increase in government healthcare spending as well as the increasing awareness levels of patients regarding robot-assisted minimally invasive surgeries.

The global medical robotic market witnesses high competitive intensity as there are many big and small firms with similar product offerings. These companies adopt various strategies (innovations, acquisitions, and geographic expansions related to endoscopy products) to increase their market shares and to establish a strong foothold in the global market. However, the high cost of medical robotic systems and the need for skilled professionals to operate these highly sophisticated medical robotic systems are factors that are limiting the use of advanced medical robotic systems.

The report extensively covers medical robotic systems (products and applications). A volume analysis of the market has also been provided by considering the average prices of instruments across geographies and years.

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The **mice model market** is highly competitive and has few major companies dominating the market. Players operating in the market strive hard to gain market visibility and a larger market share. Companies primarily focus on strategies such as agreements, partnerships, collaborations, joint ventures, and mice model out-licensing in order to increase their customer base. However, the stringent laws and regulations for the ethical use of laboratory animals are limiting the use of these mice models.

The report extensively covers mice models and services and mice care products used in a number of life sciences industries. Volume analysis of the market has not been provided due to wide variations in prices of mice models, which vary with different indications.

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