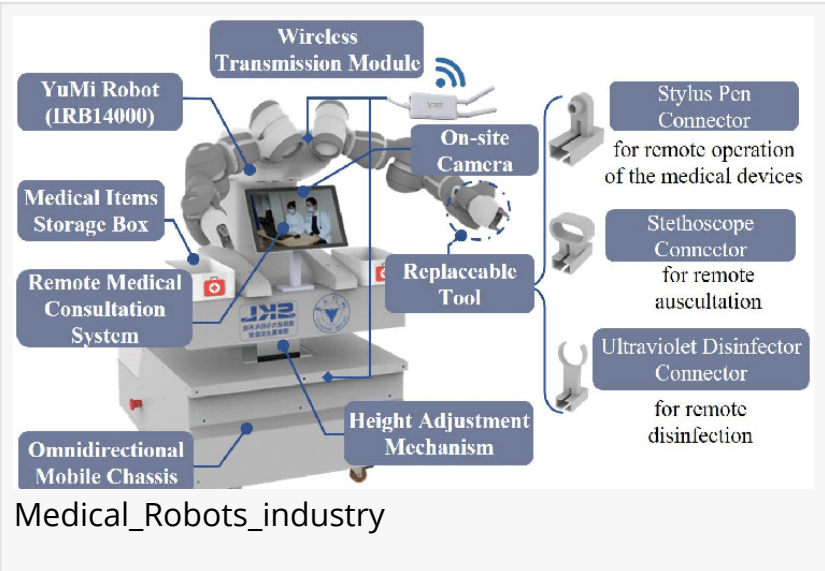


Medical Robots Market Size to Surpass USD 23.10 billion by 2030, exhibiting a 16.67% CAGR by 2030

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LUTON, BEDFORDSHIRE, UNITED KINGDOM, August 26, 2024 /EINPresswire.com/ -- The [Medical Robots](#) Market encompasses the development and deployment of robotic systems designed to assist in various medical procedures, including surgery, rehabilitation, and diagnostics. These advanced robots enhance precision, efficiency, and safety in healthcare delivery. Key segments include surgical robots, rehabilitation robots, and hospital logistics robots. Innovations in artificial intelligence, machine learning, and sensor technology drive market growth, enabling robots to perform complex tasks with minimal human intervention.



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The demand for medical robots is rising due to advancements in AI, growing surgical precision needs, and an aging population driving healthcare automation.”

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<https://exactitudeconsultancy.com/reports/10282/medical-robots-market/#request-a-sample>

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Intuitive Surgical, Stryker Corporation, Omnicell, BD Rowa, ARxIUM, Hocoma AG, Houston

Medical Robotics, Hansen Medical, Kerby Lester, Varian Medical Systems, Otto bock Healthcare, Kinova Robotics, Smith & Nephew, and others.

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In June 2021, ARxium launched a robot "RIVA" at the Lille University Hospital to prepare injectable chemotherapies.

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Key companies in the medical robotics market in emerging markets are expected to have significant development potential as a result of the rising use of robotic systems in surgeries. Due to rising medical tourism and an expanding target patient population, the number of surgical procedures conducted in emerging nations has been rising over the past ten years.

Emerging nations like India provide more affordable options for radiation treatment than do wealthy nations. Developing-country markets are distinguished by lower regulations and data requirements in addition to low treatment costs. Market participants for medical robots additionally believe that Asia Pacific regulatory frameworks are more flexible and conducive to business.

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The growing popularity of laparoscopic surgical procedures is propelling the global market for medical robots. Worldwide, there is a swift transition from open surgical procedures to minimally invasive surgical treatments due to the numerous clinical advantages of the latter. These benefits include reduced operation costs, shorter hospital stays, and fewer problems following surgery. The demand for medical robotic systems and the adoption of surgical robots worldwide were largely driven by the increased efficiency of surgical robots in performing laparoscopic surgical operations as well as the introduction of new and sophisticated procedure-specific robots to the market.

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Surgical Robots

Telemedicine Robots

Rehabilitation Robots

Non-Invasive Radiosurgery Robots

Pharmacy And Hospital Automation Robots

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Neurology

Cardiology

Orthopedic

Radiation Therapy

Laparoscopic

Physical Rehabilitation

Pharmacy

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Hospitals

Rehabilitation Centers

Ambulatory Surgical Centers (Ascs)

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North America which holds a substantial market share of approximately 45%. This dominance is primarily attributed to the region's advanced healthcare infrastructure, significant investment in research and development, and early adoption of cutting-edge medical technologies. The United States, in particular, stands at the forefront of medical robotics innovation, housing numerous

leading manufacturers and research institutions. North America's medical robots market is characterized by a high demand for surgical robots, rehabilitation robots, and hospital automation systems.

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Europe emerges as the second-largest market for medical robots, holding a market share of approximately 30%. The European market is driven by factors similar to North America, including well-established healthcare systems and a growing emphasis on technological advancements in medical care. Countries like Germany, France, and the United Kingdom are at the forefront of adopting and developing medical robotic technologies.

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Patient Registry Software Market -<https://exactitudeconsultancy.com/reports/10518/patient-registry-software-market>

The global patient registry software market is expected to grow at 11.5% CAGR from 2022 to 2029. It is expected to reach above USD 4 billion by 2029 from USD 1.5 billion in 2020.

Minimally Invasive Surgical Instruments Market-
<https://exactitudeconsultancy.com/reports/10193/minimally-invasive-surgical-instruments-market/>

The global minimally invasive surgical instruments market is expected to grow at 7.45% CAGR from 2022 to 2029. It is expected to reach above 35.33 USD billion by 2029 from 18.90 USD billion in 2020.

Pharmaceutical Contract Development and Manufacturing Market-
<https://exactitudeconsultancy.com/reports/31181/pharmaceutical-contract-development-and-manufacturing-market/>

The global pharmaceutical contract development and manufacturing market size was valued at USD 208.72 billion in 2023, and projected to reach USD 343.81 billion by 2030, with a CAGR of 7.39% from 2023 to 2030.

Marine adhesive Market-<https://exactitudeconsultancy.com/reports/15348/marine-adhesive-market/>

The global marine adhesive market is expected to grow at a 4.8% CAGR from 2022 to 2029, from USD 325 million in 2020.

Active Pharmaceutical Ingredients Market-

<https://exactitudeconsultancy.com/reports/40372/active-pharmaceutical-ingredients-market/>

The global active pharmaceutical ingredients market size is projected to grow from USD 197.55 billion in 2023 to USD 306.99 billion by 2030, exhibiting a CAGR of 6.5% during the forecast period.

Medical Electrodes Market-<https://exactitudeconsultancy.com/reports/9963/medical-electrodes-market>

The global medical electrodes market is expected to grow at a 4.45% CAGR from 2022 to 2029. It is expected to reach above 2.39 USD billion by 2029 from 1.35 USD billion in 2020.

Medication Management Market-<https://exactitudeconsultancy.com/reports/10373/medication-management-market/>

The global medication management market is expected to grow at 14.10% CAGR from 2022 to 2029. It is expected to reach above 5.43 USD billion by 2029 from 1.68 USD billion in 2020.

OTC Braces & Supports Market-<https://exactitudeconsultancy.com/reports/10472/otc-braces-supports-market/>

The global OTC braces & supports market size is USD 572 million in 2020 and is expected to grow till USD 1,030.51 million by 2029, at a Compounded annual growth rate (CAGR) of 6.90%.

Sterile Medical packaging Market-<https://exactitudeconsultancy.com/reports/19405/sterile-medical-packaging-market>

The sterile medical packaging market is expected to grow at 7.5% CAGR from 2022 to 2029. It is expected to reach above USD 70.36 Billion by 2029 from USD 39.79 Billion in 2020.

3D Printing Medical Devices Market-<https://exactitudeconsultancy.com/reports/7521/3d-printing-medical-devices-market/>

The global 3D Printing Medical Devices Market is projected to reach USD 7.92 Billion by 2029 from USD 2.07 Billion in 2020, at a CAGR of 16.1% from 2022 to 2029.

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<https://www.analytica.global/>

<https://bulletin.exactitudeconsultancy.com/>

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