

Orthopedic Surgical Robots Growth Rate, Key Drivers, Restraints, Future Trends, Opportunities, And Challenges Till 2029

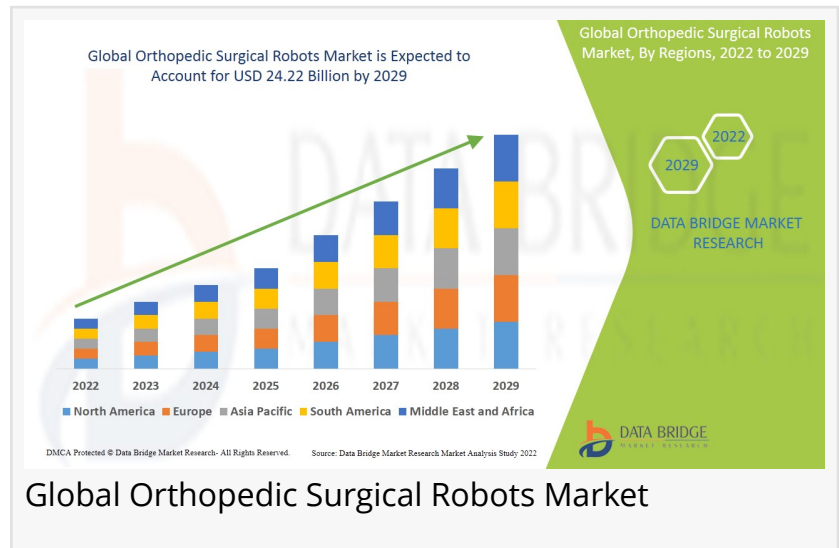
Orthopedic Surgical Robots Market Overview: Market Share, Growth Rate, Recent and Future Trends, Growth Factors and Leading Manufacturers by Top segments

PUNE, MAHARASHTRA, INDIA, June 21, 2022 /EINPresswire.com/ -- The comprehensive [Orthopedic Surgical Robots](#) market research report

uncovers different industry verticals such as company profile, contact details of manufacturer, product specifications, geographical scope, production value, market structures, recent developments, revenue analysis, market shares, and possible sales volume of the company. Not to mention, in this competitive market place, market research report has a very central role to play by offering important and consequential market insights for the business. The market insights obtained through the finest [Orthopedic Surgical Robots market](#) report eases the understanding of the market landscape, related issues that may interrupt in the future, and ways to position specific brand brilliantly.

The trustworthy Orthopedic Surgical Robots business report provides a profound overview of product specification, technology, product type and production analysis considering major factors such as revenue, cost, and gross margin. The data and information collected to produce this top-notch market report has been derived from the trusted sources such as company websites, white papers, journals, and mergers etc. This report includes basic, secondary and advanced information related to the global status, recent trends, market size, sales volume, market share, growth, future trends analysis, segment and forecasts from 2022 - 2029. All the parameters of an important Orthopedic Surgical Robots report can be explored to analyse market status, market share, growth rate, future trends, market drivers, opportunities, challenges, risks, entry barriers, sales channels, and distributors.

Global Orthopedic Surgical Robots Market was valued at USD 6.4 billion in 2021 and is expected



to reach USD 24.22 billion by 2029, registering a CAGR of 18.1% in 2022-2029. The market report curated by the Data Bridge Market Research team includes in-depth expert analysis, patient epidemiology, pipeline analysis, pricing analysis, and regulatory framework.

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Some of the major players operating in the orthopedic surgical robots market are

Intuitive Surgical (U.S.)
Stryker (U.S.)
Medtronic (Ireland)
Smith+Nephew (UK)
Zimmer Biomet (U.S.)
Asensus Surgical US Inc., (U.S.)
Corindus Inc., (U.S.)
Renishaw plc (UK)
Auris Health Inc., (U.S.)
Think Surgical Inc., (U.S.)
Johnson & Johnson Services, Inc. (U.S.)
CMR Surgical Ltd. (U.S.)
Preceyes BV (Netherlands)
Microsure (Netherlands)
Titan Medical Inc., (Canada)
Avateramedical GmbH (Germany)
Medicaroid Corporation (Japan)

Global Orthopedic Surgical Robots Market Definition

Orthopedic surgical robots are designed to aid orthopedic surgeons in performing medical procedures. Orthopedic sports may be conducted with greater precision and accuracy with the help of these robots. Orthopedic surgical robots can perform bone-related scientific activities that aren't readily visible. Orthopedic surgical robots are typically small in size and are operated scientifically by hospital therapy professionals.

Drivers

Growing Requirement Of Orthopaedic Surgical Robots

The growing usage of orthopedic surgical robots for utilization in orthopedic and other minimally invasive surgeries is the most significant factor driving the growth for this market. The mounting pace of the aged and geriatric population prone to such diseases also bolsters the market's overall growth.

Additionally, the precisions and accuracy rendered by the surgical robotics while operating the crucial body parts such as spinal injury and neurological disorders surgeries are also expected to accelerate the market's overall growth. Furthermore, the expanding healthcare sector is also expected to fuel market growth. Moreover, the surging awareness amongst patients and the physicians regarding the advantages associated with the robotics surgery owing to the popularity of precision and minimal invasive parameters also cushions the market's growth within the forecasted period.

Opportunities

Growing Funding and Other Advancements

Moreover, the imputing technological pace advancing in medical robotics or surgical robotics are estimated to generate lucrative opportunities for the market. Surge in funding for medical robot research and increased government initiatives to support orthopedic surgeries by providing reimbursements and compensation will further offer numerous growth opportunities for the market.

Post Covid-19 Impact on Orthopedic Surgical Robots Market

The global impact of the COVID-19 epidemic on the world's population and economy has been disastrous. Healthcare systems have been severely strained as a result of the pandemic. The orthopedic surgical robots market was largely industry impacted by the outbreak of COVID-19. The imposition of the lockdown and social distancing restrictions by the government to curb the COVID-19 pandemic outbreak which led to halt of various operations, supply chain disruptions, stifling business growth, technology event cancellations, suspensions of new developments and has affected the overall production and sales, limiting the industry's expansion. The pandemic has resulted in a temporary restriction on elective surgeries all over the world, resulting in the cancellation of elective procedures all over the world, having a negative impact on the global economy. To reduce the risk of transmission and conserve healthcare resources for COVID-19 patients, healthcare institutions and providers have been told to halt elective surgical operations and medical examinations.

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Recent Developments

In January 2021, Stryker announced the acquisition of OrthoSensor, Inc., a privately held firm based in Dania Beach, Florida, created in 2007. OrthoSensor, Inc. is a pioneer in the digital progression of musculoskeletal care and complete joint replacement sensor technologies. Stryker's acquisition of OrthoSensor allows it to provide surgeons with comprehensive data-

driven solutions that cover the continuum of care. Since 2011, OrthoSensor's market-leading VERASENSE™ intraoperative sensor has been coupled with Stryker's Triathlon® Knee System to produce a unique knee balancing solution. This technology will increase the robotic workflow by providing a complete data-driven feedback mechanism, complementing Stryker's category-leading Mako SmartRobotics™.

In January 2021, TransEnterix's Intelligent Surgical Unit, which adds AI-based capabilities and enables machine vision capabilities to TransEnterix's Senhance robotic surgery system, has achieved CE Mark clearance.

[Orthopedic Surgical Robots Market Scope](#)

Component

Systems

Accessories and Instruments

Products

Mako surgical systems

ROBODOC Surgical Systems

NAVIO Surgical System

T-Solution One Surgical System

Others

End Use

Hospitals

Ambulatory Surgical Centers

Others

Application

Orthopedic Surgery

Neurosurgery

General Surgery

Gynecology Surgery

Urologic Surgery

Knee Surgery

Hip Surgery

Others

Orthopedic Surgical Robots Market Regional Analysis/Insights

The orthopedic surgical robots market is analyzed and market size insights and trends are provided by country, component, products, end use and application as referenced above.

The countries covered in the orthopedic surgical robots market report are U.S., Canada and Mexico in North America, Germany, France, U.K., Netherlands, Switzerland, Belgium, Russia, Italy, Spain, Turkey, Rest of Europe in Europe, China, Japan, India, South Korea, Singapore, Malaysia, Australia, Thailand, Indonesia, Philippines, Rest of Asia-Pacific (APAC) in the Asia-Pacific (APAC), Saudi Arabia, U.A.E, South Africa, Egypt, Israel, Rest of Middle East and Africa (MEA) as a part of Middle East and Africa (MEA), Brazil, Argentina and Rest of South America as part of South America.

North America dominates the orthopedic surgical robots market because of the region's high prevalence advanced healthcare infrastructure and aged population .

Asia-Pacific is expected to witness significant growth during the forecast period of 2022 to 2029 due to the focus of various established market players to expand their presence and the rising number of surgeries in this particular region.

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