

# **Global Rehabilitation Robots Market Size study&Forecast, byType (Therapy Robots, Exoskeleton) by Extremity (Upper Body, Lower Body), by End-use (Hospitals & Clinics, senior care facilities, Homecare Settings)and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Rehabilitation Robots Market is valued at approximately USD 226.0 million in 2021 and is anticipated to grow with a healthy growth rate of more than 17.3% over the forecast period 2022-2029. Rehabilitation Robots is an automated machines for physically impaired persons. These robots enhance productivity and support clinicians. There are basically two types of robots designed to help people with various medical conditions. The robot enables patients to practice movements by giving them support. This is a complex therapy which involves psychological and physical dimensions. Additionally, the growing age of people is increasing the number of medical conditions in individuals boosting the need for rehabilitation robots.

According to the report by the World Health Organization, 723,184 million people of the total population were aged 65 and above in 2020. The Increasing incidence of spinal cord injuries and stroke cases among aged people is fueling the demand for rehabilitation robots. According to the World Health Organization (WHO), 250,000 to 500,000 people suffer from spinal cord injuries every year worldwide, this leads to the increasing number of patients using exoskeletons. Increasing penetration of automated machines in the medical sector is also spotted as another growth factor. Rehabilitation robot therapy is complex but useful for patients with motor disorders. Rehabilitation centers in various hospitals were established with robotics. For Instance, InMotion Arm robotic system was established in Kindred Hospital.. Incorporation of AI andML is also opening new opportunities for the rehabilitation market. Moreover, rising expenditure in the healthcare sector is leading to technological advancements further boosting the

demand in the market. However, the high cost of Rehabilitation Robots stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Rehabilitation Robots Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the robot industry with the largest revenue share of 47.0%. The growing disabled population and increasing spinal cord disorders are fueling the market. According to the Center for disease control and prevention, one-fourth of the population had some form of disease. Asia Pacific is expected to be the fastest-growing region over the forecast period due to the increasing geriatric population the need for rehabilitation robots is growing. Moreover, growing initiatives by market players in technological developments through mergers and acquisitions are anticipated to boost the growth of the regional industry. The industries are also offering funds for R&D to develop advanced products.

Major market player included in this report are:

Tyromotion GmbH  
Life Science Robotics ApS  
Hocoma AG (DIH International Ltd.)  
Rex Bionics Ltd  
Kinova Inc.  
Rehab-Robotics Company Limited  
ReWalk Robotics Ltd  
Ekso Bionics Holdings Inc.  
Cyberdyne Inc.  
Bionik Laboratories Corporation

Recent Developments in the Market:

In January 2019, Bionik Laboratories Corporation launched a robotic system, In Motion ARM for people with mobility impairments. It is an improved robotic system with principles of motor learning.

In January 2018, Food and Drug Administration approved Cyberdyne Inc. for the sale of a new exoskeleton in licensed medical facilities in the U.S

Global Rehabilitation Robots Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Type, Extremity, End-use, Region  
Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World  
Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Type offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Therapy Robots

Exoskeleton

By Extremity:

Upper Body

Lower Body

By End-use:

Hospitals & Clinics

Senior care facilities

Homecare Settings

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan  
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Rest of the World

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