

Rehabilitation Robotics Market Forecast 2025: Comprehensive Insights on Market Size, Trends, and Competitive Landscape

The Business Research Company's Rehabilitation Robotics Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034

LONDON, GREATER LONDON, UNITED KINGDOM, January 30, 2025
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The <u>rehabilitation robotics market</u> has experienced rapid growth in recent years. It is projected to expand from \$1.48 billion in 2024 to \$1.82 billion in 2025, reflecting a compound annual growth rate (CAGR) of 23.4%. The growth during the historic period can be attributed to the expansion of rehabilitation and physical therapy services, rising demand for precise and targeted therapy, an increasing aging population with chronic conditions, advancements in robotic rehabilitation devices, and regulatory standards for medical device safety.

How Big Is the Global Rehabilitation Robotics Market Expected to Grow, and What Is Its Annual Growth Rate?

The rehabilitation robotics market is projected to experience significant growth in the coming years, reaching \$4.05 billion by 2029 at a compound annual growth rate (CAGR) of 22.1%. The anticipated growth can be attributed to the development of customized rehabilitation robotics tailored to specific patient needs, the integration of AI and machine learning in therapy, the emergence of sustainable and cost-effective rehabilitation solutions, the expansion of telerehabilitation and remote monitoring, and the increasing adoption of rehabilitation robotics in sports medicine. Key trends expected during this period include regulatory compliance in robotic rehabilitation safety, the advancement of smart and adaptive rehabilitation solutions, personalized rehabilitation programs with progress tracking, enhanced transparency in rehabilitation robotics data and outcomes, and the integration of virtual reality and gamification in therapy.

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What Is Driving the Growth of the Rehabilitation Robotics Market?

The increasing prevalence of strokes, injuries, and neurological disorders is expected to drive the growth of the rehabilitation robotics market during the forecast period.

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Which Leading Companies Are Driving The Growth Of The Rehabilitation Robotics Market Share?

Major companies operating in the rehabilitation robotics market include Myomo Inc., Bionik Laboratories Corporation, Hocoma AG, Cyberdyne Inc., ReWalk Robotics Ltd.

What Are The Key Trends Driving The Growth Of The <u>Rehabilitation Robotics Market Size</u>? Leading companies in the rehabilitation robotics market are investing in and expanding their presence by establishing robotic-assisted neurorehabilitation centers. These specialized medical facilities leverage advanced robotic technology to aid individuals in their neurorehabilitation and recovery journey.

How Is the Global Rehabilitation Robotics Market Segmented?

The rehabilitation robotics market covered in this report is segmented –

- 1) By Type: Exoskeleton Robots, Therapeutic Robots, Assistive Robots, Prosthetic Robots
- 2) By Patient Type: Adult, Pediatrics
- 3) By Part: Lower Extremity, Upper Extremity
- 4) By Application: Gait Therapy, Limb Mobility
- 5) By End User: Rehabilitation Centers, Hospitals

Subsegments:

- 1) By Exoskeleton Robots: Lower Limb Exoskeletons, Upper Limb Exoskeletons, Full-Body Exoskeletons, Powered and Passive Exoskeletons
- 2) By Therapeutic Robots: Robotic Rehabilitation Devices for Stroke Patients, Robotic Systems for Gait Training, Robotic Hand Rehabilitation Devices, Interactive Therapeutic Robots for Cognitive Therapy
- 3) By Assistive Robots: Robotic Mobility Aids (e.g., robotic wheelchairs), Companion Robots for Emotional Support, Robots for Daily Living Assistance (e.g., feeding, dressing)
- 4) By Prosthetic Robots: Robotic Prosthetic Limbs, Bionic Hands and Arms, Smart Prosthetics with Sensory Feedback

The Leading Region in the Rehabilitation Robotics Market is: North America was the largest region in the rehabilitation robotics market in 2024. North America is expected to be the fastest-growing region during the forecast period.

What Is the Rehabilitation Robotics Market?

Rehabilitation robotics is a branch of robotics focused on developing robots that assist individuals in recovering from physical trauma. These automated machines are designed to enhance mobility for individuals with impaired physical function, helping them regain movement and improve their quality of life.

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