

Neurorehabilitation Devices Market Report by Product Type (Neurorobotic Devices, Wearable Devices, Non-Invasive Stimulators, Brain-Computer Interface), Application (Stroke, Multiple Sclerosis, Parkinson's Disease, Cerebral Palsy, and Others), End User (Hospitals and Clinics, Cognitive Care Centers, and Others), and Region 2023-2028

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Abstracts

The global neurorehabilitation devices market size reached US\$ 1.7 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 3.1 Billion by 2028, exhibiting a growth rate (CAGR) of 10.5% during 2022-2028.

Neurorehabilitation devices refer to the equipment used for examination of the brain and central nervous system (CNS). Some of the commonly used devices include neurorobotic systems, non-invasive brain stimulators, neuroprosthetics, brain-computer interfaces and wearable devices. These devices assist in the diagnosis and treatment of a disease, disorder or injury in the nervous system of the patient. They facilitate in re-learning motor skills and optimal recovery from neurological disorders, such as Parkinson's disease, and cardiovascular stroke. As a result, neurorehabilitation devices find extensive applications across various clinics, cognitive care and research institutes and healthcare centers.

Neurorehabilitation Devices Market Trends:

The increasing prevalence of neurological diseases, such as multiple sclerosis, Parkinson's disease and cerebral palsy, is one of the key factors driving the market growth. Moreover, the rising geriatric population, which is more susceptible to such ailments, is providing a thrust to the growth of the market. Neurorehabilitation devices aid in deploying diversified electric signals to multiple fibers of the spinal cord for the recovery of limb movements. Additionally, various technological advancements, such as

the gamification of rehabilitation activities through virtual reality (VR), robotics and artificial intelligence (AI), that aid in promoting recovery are acting as other growth-inducing factors. In line with this, the utilization of novel multi-electrode stimulation for the treatment of spinal cord injuries is also contributing to the market growth. Other factors, including rising healthcare expenditure capacities of the masses, along with extensive research and development (R&D) activities, are anticipated to drive the market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global neurorehabilitation devices market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product type, application and end user.

Breakup by Product Type:

Neurorobotic Devices

Wearable Devices

Non-Invasive Stimulators

Brain-Computer Interface

Breakup by Application:

Stroke

Multiple Sclerosis

Parkinson's Disease

Cerebral Palsy

Others

Breakup by End User:

Hospitals and Clinics

Cognitive Care Centers

Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others

Latin America
Brazil
Mexico
Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Biometrics Ltd, Bioness Inc., Bionik Laboratories Corp, BioXtreme Ltd., Boston Scientific Corporation, Ectron Ltd, Ekso Bionics, Hocoma AG (DIH International Limited), Kinestica, Kinova Inc., Medtronic plc, Saebo Inc and Tyromotion GmbH.

Key Questions Answered in This Report

1. What was the size of the global neurorehabilitation devices market in 2022?
2. What is the expected growth rate of the global neurorehabilitation devices market during 2023-2028?
3. What are the key factors driving the global neurorehabilitation devices market?
4. What has been the impact of COVID-19 on the global neurorehabilitation devices market?
5. What is the breakup of the global neurorehabilitation devices market based on the product type?
6. What is the breakup of the global neurorehabilitation devices market based on the application?
7. What is the breakup of the global neurorehabilitation devices market based on the end user?
8. What are the key regions in the global neurorehabilitation devices market?
9. Who are the key players/companies in the global neurorehabilitation devices market?

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