

Neurorehabilitation Devices Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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Abstracts

The global neurorehabilitation devices market size reached US\$ 1.5 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 3.0 Billion by 2027, exhibiting a growth rate (CAGR) of 12.26% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

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 2022-2027. 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:

How has the global neurorehabilitation devices market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global neurorehabilitation devices market?

What are the key regional markets?

What is the breakup of the market based on the product type?

What is the breakup of the market based on the application?

What is the breakup of the market based on the end user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global neurorehabilitation devices market and who are the key players?

What is the degree of competition in the industry?

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