

Asia Pacific Neurorehabilitation Devices Market Forecast to 2031- Regional Analysis - by Product Type (Neurorobotic System, Brain Computer Interface, Non- invasive Stimulators, and Wearable Devices), Application (Stroke, Traumatic Brain Injury, Spinal Cord Injury, Parkinson's Disease, Cerebral Palsy, and Others), and End User (Rehabilitation Centers, Hospitals and Clinics, and Home Care)

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Abstracts

The Asia Pacific neurorehabilitation devices market was valued at US\$ 445.40 million in 2023 and is expected to reach US\$ 1,399.71 million by 2031; it is estimated to register a CAGR of 15.4% from 2023 to 2031.

Strategic Initiatives by Market Players Boost Asia Pacific Neurorehabilitation Devices Market

Strategic initiatives taken by market players, such as mergers, acquisitions, partnerships, and collaborations, are likely to accelerate innovation, develop expertise, and expand market reach.

In April 2022, Blackrock Neurotech partnered with Phantom Neuro, a neurotech startup, to carry out R&D for Phantom Neuro's patent-pending Phantom X system, which offers patients highly accurate, almost real-time control of current and next-generation assistive devices, such as prosthetics and exoskeletons. This R&D partnership allows Phantom to use Blackrock's decades of experience in neurotechnology and develop biocompatible implantable sensors to complement and bolster the Phantom X platform.

In December 2022, Ekso Bionics—a leader in exoskeleton technology for medical use—announced the acquisition of the Human Motion and Control (“HMC”) Business Unit from Parker Hannifin Corporation. This acquisition will enhance Ekso’s product portfolio and improve its strategic relationships with commercial and research partners such as Vanderbilt University. The partnership with Vanderbilt is expected to enhance its research capabilities and product development.

Thus, the strategic initiatives taken by the market players are likely to create lucrative opportunities for the neurorehabilitation market in the near future.

Asia Pacific Neurorehabilitation Devices Market Overview

The increasing incidences of neurological diseases coupled with the aging population drive the demand for effective rehabilitation solutions. Parkinson's disease (PD) is a common neurodegenerative disease in the country. According to China Daily, there were ~4 million patients suffering from PD in China as of February 2023, and ~1.7% of people over 65 years have been diagnosed with the disease. Neurorehabilitation devices are crucial in managing the symptoms of Parkinson's disease, which is characterized by both motor and non-motor challenges that significantly affect patients' quality of life. These devices help enhance motor function, improve gait and balance, and facilitate daily activities in patients.

Technological developments in robotics and strategic efforts by companies are expected to hold potential growth opportunities for the market in China during the forecast period.

Asia Pacific Neurorehabilitation Devices Market Revenue and Forecast to 2031 (US\$ Million)

Asia Pacific Neurorehabilitation Devices Market Segmentation

The Asia Pacific neurorehabilitation devices market is categorized into product type, application, end user, and country.

By product type, the Asia Pacific neurorehabilitation devices market is segmented into neurorobotic system, brain computer interface, non-invasive stimulators, and wearable devices. The brain computer interface segment held the largest share of the Asia Pacific neurorehabilitation devices market share in 2023.

In terms of application, the Asia Pacific neurorehabilitation devices market is segmented into stroke, traumatic brain injury, spinal cord injury, Parkinson's disease, cerebral palsy, and others. The stroke segment held the largest share of the Asia Pacific neurorehabilitation devices market share in 2023.

By end user, the Asia Pacific neurorehabilitation devices market is segmented into rehabilitation centers, hospitals & clinics, and home care. The hospitals & clinics segment held the largest share of the Asia Pacific neurorehabilitation devices market share in 2023.

Based on country, the Asia Pacific neurorehabilitation devices market is segmented into China, Japan, India, Australia, South Korea, and the Rest of Asia Pacific. China segment held the largest share of Asia Pacific neurorehabilitation devices Market in 2023.

Abbott Laboratories; BIONIK; BioXtreme Ltd; Blackrock Microsystems Inc; Ekso Bionics Holdings Inc; EMOTIV; Hocoma AG; Medtronic Plc; Renishaw Plc; and Tyromotion GmbH are some of the leading companies operating in the Asia Pacific neurorehabilitation devices market.

Reason to buy

Save and reduce time carrying out entry-level research by identifying the growth, size, leading players, and segments in the Asia Pacific neurorehabilitation devices market.

Highlights key business priorities to assist companies to realign their business strategies.

The key findings and recommendations highlight crucial progressive industry trends in the Asia Pacific neurorehabilitation devices market, thereby allowing players across the value chain to develop effective long-term strategies.

Develop/modify business expansion plans by using substantial growth offering developed and emerging markets.

Scrutinize in-depth Asia Pacific market trends and outlook coupled with the factors driving the Asia Pacific neurorehabilitation devices market, as well as

those hindering it.

Enhance the decision-making process by understanding the strategies that underpin commercial interest with respect to client products, segmentation, pricing, and distribution.

The List of Companies - Asia Pacific Neurorehabilitation Devices Market

Abbott Laboratories

BIONIK

BioXtreme Ltd

Blackrock Microsystems Inc

Ekso Bionics Holdings Inc

EMOTIV

Hocoma AG

Medtronic Plc

Renishaw Plc

Tyromotion GmbH

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