

Middle East & Africa 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 Middle East & Africa neurorehabilitation devices market was valued at US\$ 32.50 million in 2023 and is expected to reach US\$ 64.28 million by 2031; it is estimated to register a CAGR of 8.9% from 2023 to 2031.

Technological Advancements Bolster Middle East & Africa Neurorehabilitation Devices Market

Technological advancements in neurorehabilitation devices are improving patient outcomes, safety, and the overall efficiency of neurological disease management. Neuroolutions Inc., a Washington University startup company, developed a device called the IpsiHand Upper Extremity Rehabilitation System, which helps people disabled by stroke regain control over their arm and hand function by using their minds. In April 2021, the company received market authorization from the Food and Drug Administration (FDA) for its IpsiHand Upper Extremity Rehabilitation System, which leverages brain-computer interface (BCI) technology licensed by the university. In April 2024, India-based K Physio and Rehab Clinic announced the launch of the groundbreaking Advanced Exoskeletal Neuro Device, revolutionizing neurorehabilitation. The

device provides faster recovery for fully and partially paralyzed patients. In February 2023, MindMaze announced the US and EU launch of Izar, a "first-of-its-kind" US FDA-listed and CE-marked smart device for patients with impairment in hand motor function. The device is one of the most effective hand dexterity and strength treatments used in a wide range of neurological conditions.

Such technological developments are likely to bring new trends in the market during the forecast period.

Middle East & Africa Neurorehabilitation Devices Market Overview

The Middle East & Africa neurorehabilitation devices market is segmented into Saudi Arabia, South Africa, the UAE, and the Rest of Middle East & Africa and Saudi Arabia hold the largest market share. As per the "Rights and Wellbeing of Older Persons in Saudi Arabia" report, the number of people aged 60 or more is predicted to increase five-fold from 2020 to 2050, rising from 2 million (5.9% of the total population) to 10.5 million (23.7% of the population). Also, the number of people aged 80 or more is expected to reach 1.6 million, i.e., 4% of the total population by 2050. The prevalence rate of neurological diseases is high among older adults. As per an article titled "Assessing the perception of Parkinson's disease in Al-Ahsa, Saudi Arabia among the visitors of a public campaign: before and after survey," published in April 2024, the prevalence of Parkinson's disease (PD) in Saudi Arabia has been estimated to be 27 per 100,000 population. With aging, the likelihood of developing neurodegenerative conditions increases among people. This necessitates a robust rehabilitation framework to address the unique challenges faced by these individuals, including mobility issues, balance problems, and cognitive decline. Neurorehabilitation devices play a crucial role in improving the quality of life for people suffering from PD. These devices can assist with physical therapy, improve motor skills, and provide cognitive training.

Middle East & Africa Neurorehabilitation Devices Market Revenue and Forecast to 2031 (US\$ Million)

Middle East & Africa Neurorehabilitation Devices Market Segmentation

The Middle East & Africa neurorehabilitation devices market is categorized into product type, application, end user, and country.

By product type, the Middle East & Africa 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 Middle East & Africa neurorehabilitation devices market share in 2023.

In terms of application, the Middle East & Africa 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 Middle East & Africa neurorehabilitation devices market share in 2023.

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

Based on country, the Middle East & Africa neurorehabilitation devices market is segmented into Saudi Arabia, South Africa, the UAE, and the Rest of Middle East & Africa. Saudi Arabia segment held the largest share of Middle East & Africa 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 Middle East & Africa 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 Middle East & Africa 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 Middle East & Africa 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 Middle East & Africa market trends and outlook coupled with the factors driving the Middle East & Africa 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 - Middle East & Africa 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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