

Middle East & Africa Neurostimulation Devices Market Forecast to 2030 - Regional Analysis - by Product (Spinal Cord Stimulator, Deep Brain Stimulator, Sacral Nerve Stimulator, Vagus Nerve Stimulator, and Others), Application (Pain Management, Epilepsy, Urinary and Fecal Incontinence, Parkinson's Disease, and Others), and End User (Hospitals, Specialty Clinics, and Others)

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Abstracts

The Middle East & Africa neurostimulation devices market was valued at US\$ 160.90 million in 2022 and is expected to reach US\$ 273.31 million by 2030; it is estimated to register a CAGR of 6.8% from 2022 to 2030.

Rising Demand for Non-invasive Treatment Fuels Middle East & Africa Neurostimulation Devices Market

Neurostimulation is a rapidly evolving field that uses targeted electrical, mechanical, magnetic, or thermal stimulation of the nervous system to alter the properties of firing neuronal and internal neuronal connectivity to treat various neurological disorders. Noninvasive neurostimulation devices include electroconvulsive therapy (ECT), transcutaneous electrical nerve stimulation (TENS), transcranial electrical stimulation (TES), transcranial direct current stimulation (tDCS), transcranial alternating current stimulation (tACS), static magnetic stimulation, random sound stimulation, peripheral nerve stimulation, ultrasound, and focused ultrasound (FUS), including cranial nerve stimulation. Noninvasive neurostimulation techniques are the most developed in psychiatry. Patients and healthcare providers increasingly prefer noninvasive or

minimally invasive treatment options as they are convenient, painless, safe, and have minimal side effects. In addition, it is widely used in neurological diseases. Noninvasive treatments aim to improve the quality of life and reduce the impact of speech, swallowing, and cognitive problems. Therefore, growing demand for noninvasive treatments would significantly fuel the neurostimulation devices market growth in the future.

Middle East & Africa Neurostimulation Devices Market Overview

The Middle East & Africa neurostimulation devices market is segmented into the UAE, South Africa, Saudi Arabia, and the Rest of Middle East & Africa. The market for neurostimulation devices is estimated to have several growth opportunities during the forecast period due to a lack of awareness of neurological disorders and limited neurological services and facilities. In addition, the market is also expected to grow due to the increasing incidences of stroke across the region. The demand for neurostimulation devices in Saudi Arabia is expected to grow due to the high prevalence of neurological diseases among individuals. Stroke is becoming a severe cause of death across Saudi Arabia. The prevalence of stroke has been increasing significantly across the country.

Middle East & Africa Neurostimulation Devices Market Revenue and Forecast to 2030 (US\$ Million)

Middle East & Africa Neurostimulation Devices Market Segmentation

The Middle East & Africa neurostimulation devices market is segmented based on product, application, end user, and country.

Based on product, the Middle East & Africa neurostimulation devices market is segmented into spinal cord stimulator, deep brain stimulator, sacral nerve stimulator, vagus nerve stimulator, and others. The spinal cord stimulator segment held the largest market share in 2022.

In terms of application, the Middle East & Africa neurostimulation devices market is categorized into pain management, epilepsy, urinary and fecal incontinence, Parkinson's disease, and others. The pain management segment held the largest market share in 2022.

By end user, the Middle East & Africa neurostimulation devices market is segmented

into hospitals, specialty clinics, and others. The hospitals segment held the largest market share in 2022.

Based on country, the Middle East & Africa neurostimulation devices market is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. Saudi Arabia dominated the Middle East & Africa neurostimulation devices market share in 2022.

Medtronic Plc, Boston Scientific Corp, Abbott Laboratories, and LivaNova Plc are among the leading companies operating in the Middle East & Africa neurostimulation devices market.

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