

UAE Neurology Devices - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029

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Report description:

The UAE neurology devices market is expected to register a CAGR of 4.8% during the forecast period.

Key Highlights

-The COVID-19 pandemic significantly impacted neurology care in UAE during the initial phase, which in turn impacted the usage of neurology devices as well. For instance, according to an article published by Hindawi in August 2021, a study was conducted in Abu Dhabi, UAE, which showed that the patients infected with COVID-19 often presented with neurological manifestations in the form of headache, dizziness, hyposmia, myalgia, peripheral neuropathy, acute cerebrovascular disease, and encephalopathy. The source also stated that neurological involvement could be due to virus-induced brain hypoxia, brain infection, or immune reaction. Thus, the COVID-19 pandemic significantly impacted the market initially; however, as the pandemic has currently subsided, neurology care is going back to normal in the UAE. Hence, the studied market is expected to have stable growth during the forecast period of the study.

-The key factors propelling the growth of the studied market are the increasing burden of neurological disorders, huge investments by private players in neurology devices, and the rising geriatric population in the country.

-The increasing incidence of neurological disorders like brain aneurysms, brain tumors, and epilepsy, among others, is the major factor driving the market growth. For instance, according to an article published by Multidisciplinary Digital Publishing Institute (MDPI) in June 2022, a study was conducted in UAE that stated that a brain aneurysm is a critical condition that mostly affects young adults and may cause life-threatening complications such as brain hemorrhage.

-Furthermore, patients with untreated unruptured aneurysms have 50% excess long-term mortality compared with the general population, and one of the most innovative treatment options for brain aneurysms is the use of a flow-diverting stent (FDS). Thus, the high burden of diseases such as brain aneurysms and the increasing use of neurology devices such as FDS are expected to boost market growth.

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-Furthermore, according to an article published by PubMed Central in November 2022, brain and central nervous system cancer was among the most common forms of cancer in the UAE. Thus, the high prevalence of such neurological disorders is expected to enhance the usage of neurological devices. Moreover, as these neurological diseases mostly occur in the elderly population, the rising geriatric population in the country is also expected to enhance market growth.

-Thus, the aforementioned factors, such as the rising prevalence of neurological disorders and the increasing research and development activities, are expected to boost the market growth during the forecast period of the study. However, the high cost of equipment is expected to impede the market growth.

UAE Neurology Devices Market Trends

Neurostimulation Devices Segment is Expected to Have a Significant Growth Over the Forecast Period

- Neurostimulation devices are considered implantable and programmable medical devices that deliver electrical stimulation effectively to specific parts of the patient's brain, spinal cord, or peripheral nervous system to help treat various conditions, including chronic pain and movement disorders, among others. Hence, with increasing incidences of various diseases such as overactive bladder and urinary incontinence, the neurostimulation devices segment is expected to grow during the forecast period.

- According to an article published by PubMed Central in December 2022, a study was conducted in UAE, which showed that the quality of life was affected in an estimated 90% of the patients suffering from urinary incontinence. Thus, the increasing burden of urinary incontinence is expected to boost the usage of nerve stimulation, as nerve stimulation is widely used in the treatment of urinary incontinence.

- Furthermore, according to an article published by Cureus in May 2022, a study was conducted in the UAE that examined the prevalence of urinary incontinence in women. It was found that the prevalence of urinary incontinence was 42.2% among women. Moreover, the rising adult and geriatric population in the country is also expected to boost segment growth, as these diseases are mainly associated with these age groups.

- Hence, the aforementioned factors, such as the rising prevalence of fecal incontinence and urinary incontinence and the rising adult and geriatric population, are expected to boost the segment growth during the forecast period of the study.

Neurosurgery Devices Segment is Expected to Have a Significant Growth During the Forecast Period

- Neurosurgery devices are devices that are used for the surgical treatment of various brain and spinal cord diseases. These devices are mainly used for the treatment of various neurological diseases such as dystonia, Alzheimer's disease, Parkinson's disease, and epilepsy, among others. The rising prevalence of such neurological disorders in the UAE and the rising geriatric population is expected to boost segment growth.

- According to an article published by the Multidisciplinary Digital Publishing Institute (MDPI) in August 2022, a study was conducted in UAE which showed that the prevalence rate of Parkinson's disease is high in the country, and there is high importance on early diagnosis, prompt treatment initiation, which has huge societal socio-economic impact, and healthcare burden. Thus, the high prevalence of Parkinson's disease in the country is expected to boost segment growth.

- Furthermore, According to a new study released by the Lancet Public Health in January 2022, the UAE and other Gulf countries are predicted to report the highest increases in the number of people living with dementia over the next 30 years worldwide. It was estimated that the UAE will see an increase of 1,795% in people suffering from dementia by 2050. Thus, the high number of dementia cases is expected to increase the prevalence of Alzheimer's disease in the region over the forecast period, thereby propelling market growth.

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- Hence, the aforementioned factors, such as the rising prevalence of Alzheimer's disease and Parkinson's disease and the rising geriatric population, are expected to boost the segment growth during the forecast period of the study.

UAE Neurology Devices Industry Overview

The UAE neurology devices market is moderately fragmented. There are market participants involved in R&D for the development of advanced simulation and neuromodulation techniques with minimally invasive procedures that are preferable to the patients. Furthermore, many private companies are showing great interest in developing novel neurological devices to earn huge profits. In the coming years, few other players are expected to enter the market. Some of the major players are Stryker Corporation, Medtronic PLC, Abbott Laboratories, Johnson and Johnson, and Smith & Nephew, among others.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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