

Muscle Stimulator - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2029

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Report description:

The Muscle Stimulator Market is projected to register a CAGR of 3.5% during the forecast period.

The pandemic had a mild impact on the market as many respiratory muscle stimulators were launched, which were used to treat patients with COVID-19. For instance, Liberate Medical's VentFree Respiratory Muscle Stimulator received United States Food and Drug Administration emergency approval during the early pandemic. The device delivers stimulation in a non-invasive fashion, and the therapy can be initiated immediately at the start of ventilation and continued until patients are weaned off ventilation. Thus, COVID-19 has had a mild impact on the growth of the market. However, as the pandemic has currently subsided, the studied market is expected to have normal growth during the forecast period of the study.

Moreover, factors such as unhealthy diets and lack of fitness activities among the population result in musculoskeletal disorders, leading to market growth. The incidence of these disorders increases as the geriatric population is at more risk, and their number is drastically increasing.

For instance, according to the United Nations World Population Prospects 2022, the share of the global population aged 65 years or above is projected to rise from 10 percent in 2022 to 16 percent in 2050. The source also stated that by 2050, the number of persons aged 65 years or over worldwide is projected to be more than twice the number of children under age 5 and about the same as the number of children under age 12. Since the older population is prone to neuromuscular diseases, it is expected to generate the need for muscle stimulator devices for treatment, thereby driving the market's growth.

Moreover, according to an article published by the Journal of Family Medicine and Primary Care in June 2022, musculoskeletal disorders constitute 1,194 prevalent cases per 100,000 among children aged 5 to 19 years in India every year. Hence, the high

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prevalence of musculoskeletal disorders among children in India is expected to drive the adoption of muscle stimulators for treatment, which drives the growth of the studied market.

Furthermore, the launch of several technologically advanced products is boosting the market growth. For instance, in December 2021, CUTERA, INC., announced the launch of the next generation of truSculpt flex. The new truSculpt flex+ rapid treatment mode takes Cutera's proprietary Multi-Directional Stimulation to the next level offering the same toning, firming and strengthening results in a fraction of the treatment time.

Thus, the abovementioned factors such as the rising prevalence of neuromuscular disorders coupled with the increasing geriatric population, and the rising product launches are expected to boost the market growth. However, the presence of cost-efficient alternative therapies, and stringent regulatory policies and safety concerns are expected to hinder market growth.

Muscle Stimulator Market Trends

Neurological Disorders Segment is Expected to Have a Significant Market Share During the Forecast Period

Neurological disorders such as Parkinson's disease, dystonia, dementia, and Alzheimer's disease are often treated with the help of electrical stimulators. Factors such as the rising prevalence of neurological diseases and the rising usage of muscle stimulators for the treatment of neurological conditions are expected to boost segment growth

For instance, according to an article published by International Parkinson and Movement Disorder Society in July 2022, a study was conducted in Sweden, which showed that the pooled prevalence of cervical dystonia was 11.75 per 100,000 people in Sweden. Thus, the high prevalence of dystonia in such countries is expected to boost segment growth.

Furthermore, according to an article published by Frontiers in January 2023, a study was conducted in Argentina, which showed that there is a normal decline in spatial memory related to ageing in older people, and this is dramatically increased in neuropathological conditions such as Alzheimer's disease (AD). This indicates that the high burden of Alzheimer's Disease (AD) in the elderly population of the country is expected to create opportunities for market players to market electrical stimulator devices for the early screening and treatment of AD, thereby propelling the market growth. Moreover, the rising research funding for neurological disorders is also expected to boost segment growth, as it will help in the development of new electric stimulators.

Hence, the aforementioned factors, such as the rising prevalence of various neurological disorders, are expected to boost the segment growth during the forecast period of the study.

North America is Expected to Hold a Significant Share in the Market in the Forecast Period

North America is expected to hold a significant market share due to the growing healthcare expenditure for innovation and development of medical devices, increasing musculoskeletal disorders, and the presence of a well-established healthcare infrastructure.

For instance, according to an article published by ScienceDirect in March 2022, a study was conducted in Mexico which showed that the prevalence rate of Parkinson's disease in the urban parts of Mexico ranged from 2.1% in the 65-69-year-old age group to 11.9% in 75-79-year-old age group. Thus, the high prevalence of Parkinson's disease in the country is expected to boost segment growth.

Furthermore, the launches in the region are also expected to boost the market growth. For instance, in March 2021, the United States Food and Drug Administration (FDA) authorised the marketing of a new device called Portable Neuromodulation Stimulator

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(PoNS), which is indicated for use as a short-term treatment of gait deficits due to mild to moderate symptoms from multiple sclerosis (MS). The device is intended to be used by prescription only as an adjunct to a supervised therapeutic exercise program in patients 22 years of age and older.

Thus, the above mentioned factors such as the rising prevalence of various neurological diseases and the increasing product launches are expected to accelerate the market growth in the region during the forecast period.

Muscle Stimulator Industry Overview

The muscle stimulator market is fragmented and consists of several major players. In terms of market share, few of the major players are currently dominating the market. Some of the companies currently dominating the market are Beurer, NeuroMetrix Inc., Enovis (DJO, LLC), EMS Physio Ltd, Zynex Medical, BioMedical Life Systems, and Omron Healthcare Inc.

Additional Benefits:

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

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