

Neuromuscular Transmission Monitor Market to surpass US\$ 2,625.1 Million by the year 2033 | Future Market Insights, Inc.

The USA leads in surgical innovation with cutting-edge neuromuscular transmission monitors ensuring patient safety and muscle relaxation during procedures.



NEWARK, DELAWARE, UNITED STATES OF AMERICA, November 2, 2023 /EINPresswire.com/ -- By 2033, it is anticipated that the size of the global [neuromuscular transmission monitor market](#) would be US\$ 2,625.1 million. In 2023, the market is projected to be valued at US\$ 1,879.7 million. A CAGR of 3.4% is anticipated throughout the 2023 to 2033 evaluation period.

The global prevalence of neuromuscular disorders is not uniform and can vary significantly. A handful of the common neuromuscular disorders include amyotrophic lateral sclerosis (ALS), muscular dystrophy, myasthenia gravis, and Charcot-Marie-Tooth disease.

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The prevalence of these and other neuromuscular disorders directly influences the demand for neuromuscular transmission monitors. These monitors are essential for diagnosing and monitoring the progression of the disorders, assessing treatment efficacy, and optimizing patient care. This includes neuromuscular transmission monitors, which are essential for diagnosing and monitoring patients with neuromuscular disorders.

Increased healthcare spending allows hospitals and clinics to adopt advanced and up-to-date medical equipment, including the latest neuromuscular transmission monitoring devices. Advancements in sensor technology and signal processing can lead to more precise and reliable measurements of neuromuscular function.

High-precision monitors are crucial for diagnosing and monitoring patients with neuromuscular disorders. User-friendly interfaces and touchscreens would make neuromuscular transmission monitors more accessible to healthcare professionals, reducing the learning curve and improving efficiency in clinical settings.

Key Takeaways from Neuromuscular Transmission Monitor Market Study:

By product, electrodes contributed around US\$ 245.5 million in 2022.

By technology, accelerography (ACG) contributed around US\$ 199.9 million in 2022.

By end user, hospitals contributed around US\$ 191.7 million in 2022.

By region, North America held the dominant share in the world in 2022, contributing around US\$ 658.1 million.

The United States is expected to surge at a CAGR of 1.7% by 2033.

The neuromuscular transmission monitor market is projected to reach a valuation of US\$ 2,625.1 million by 2033.

“Increasing awareness among healthcare professionals about the benefits of neuromuscular monitoring and educational efforts to promote its use has contributed to market growth,” opines Sabyasachi Ghosh Associate Vice President at Future Market Insights (FMI)

Competitive Landscape:

Companies specializing in medical device manufacturing would partner with research institutions or universities to jointly develop innovative neuromuscular transmission monitoring technologies. Leading companies are also focusing on mergers, partnerships, product developments, and new launches to expand their reach.

Key Companies Profiled:

GE HealthCare
B. Braun Melsungen AG
Xavant Technology
Drägerwerk AG & Co. KGaA
Nihon Kohden Corporation
Medtronic Plc.
RGB Medical Devices
Senzime AB
IdMed
Koninklijke Philips N.V.
Blink Device Company
Natus Medical Incorporated

For instance,

In June 2022, GE Healthcare and Medtronic signed a partnership agreement to enable access to personalized care by delivering advanced patient monitoring solutions on the CARESCAPE platform.

In November 2022, Xavant Technology received FDA approval for the expansion of the sensor technology in their STIMPOD range of Quantitative NMT Monitors to include electromyography (EMG).

In July 2020, a division of Ipsen, Ipsen Biopharmaceuticals, announced that the FDA authorized the use of Dysport (abobotulinumtoxinA) in juvenile patients on a larger scale.

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Neuromuscular Transmission Monitor Market Outlook by Category:

By Product:

Nerve Stimulating Devices/Monitors

Electrodes

Needle Electrode

Surface Electrode

Accessories

Sensors with Cables

Extension Cable

By Technology:

Accelerography (ACG)

Electromyography (EMG)

Mechanomyography (MMG)

Kinemyography (KMG)

By End-user:

Hospitals

Specialty Clinics

Ambulatory Surgical Centers

By Region:

North America
Latin America
East Asia
South Asia and Pacific
Western Europe
Eastern Europe
Middle East and Africa

Author By:

Sabyasachi Ghosh (Associate Vice President at Future Market Insights, Inc.) holds over 12 years of experience in the Healthcare, Medical Devices, and Pharmaceutical industries. His curious and analytical nature helped him shape his career as a researcher.

Identifying key challenges faced by clients and devising robust, hypothesis-based solutions to empower them with strategic decision-making capabilities come naturally to him. His primary expertise lies in areas such as Market Entry and Expansion Strategy, Feasibility Studies, Competitive Intelligence, and Strategic Transformation.

Holding a degree in Microbiology, Sabyasachi has authored numerous publications and has been cited in journals, including The Journal of mHealth, ITN Online, and Spinal Surgery News.

Explore FMI's related ongoing Coverage on Healthcare Market Insights Domain:

[Vital Signs Monitoring Devices Market Size](#): The global vital signs monitoring devices market is expected to cross US\$ 16 billion by 2033. The market is expected to grow at a CAGR of 8% from 2023 to 2033. The estimation in 2023 stands at US\$ 7.4 billion.

[Epilepsy Monitoring Devices Market Share](#): The epilepsy monitoring devices market size is projected to be valued at US\$ 523.26 million in 2023. Whereas the market is expected to rise to US\$ 894.63 million by 2033. The sales of epilepsy monitoring devices are likely to record a significant CAGR of 5.5% during the forecast period.

About Future Market Insights (FMI)

Future Market Insights, Inc. (ESOMAR certified, recipient of the Stevie Award, and a member of the Greater New York Chamber of Commerce) offers profound insights into the driving factors that are boosting demand in the market. FMI stands as the leading global provider of market intelligence, advisory services, consulting, and events for the Packaging, Food and Beverage, Consumer Technology, Healthcare, Industrial, and Chemicals markets. With a vast team of over 5000 analysts worldwide, FMI provides global, regional, and local expertise on diverse domains and industry trends across more than 110 countries.

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