

# **Global Nerve Monitoring System Market Size study & forecast, by Technology (Electromyography (EMG), Electroencephalography (EEG), Electrocorticography (ECOG), Evoked Potential (EP)) by Application (Neurosurgery, Spine Surgery, ENT Surgery, Cardiovascular Applications, Other Applications), by End User (Hospitals and Surgical Centers, Ambulatory Surgical Centers) and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Nerve Monitoring System Market is valued approximately USD XXX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. Nerve monitoring systems are medical devices that are used during surgery to monitor the integrity and function of nerves. These systems work by detecting and measuring the electrical signals that are transmitted by nerves during surgery. During certain surgical procedures, such as those that involve the removal or manipulation of tumors, nerves can be inadvertently damaged, which can lead to permanent loss of function or paralysis. Nerve monitoring systems are designed to help prevent such damage by providing real-time feedback to the surgeon about the location and function of nerves in the area being operated on. The key factor driving the market growth is growing use of nerve monitoring in trauma cases, rising availability of medical reimbursements for nerve monitoring, and clinical benefits associated with nerve monitoring procedures is anticipated to support the market growth during forecast period.

However, the rising continues development by market players in nerve monitoring system is anticipated to influence the market growth. For instance, in April 2022, the

level 1 FREEDOM clinical trial series was started by Stimwave Technologies. Peripheral nerve stimulation (PNS) responses in patients with chronic pain are monitored over the course of time in the FREEDOM clinical trial series, which comprises of multi-center, prospective, randomized clinical trials. Additionally, increased clinical studies in the field of nerve monitoring and rising investment in research and development in nerve monitoring system is projected to create the lucrative opportunity for the market during forecast period. However, the limited awareness about nerve monitoring among healthcare professionals' stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Nerve Monitoring System Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is the dominating region across the world in terms of market share, owing to the clinical benefits associated with nerve monitoring procedures and the growing use of nerve monitoring in trauma cases. In addition, increasing product launches in the region. Whereas, Asia Pacific is also anticipated to exhibit highest growth rate over the forecast period, owing to factors such as increase in surgical procedures, growing research and development activities and cohesive government initiative in the region would create lucrative growth prospects for the Nerve Monitoring System market across Asia Pacific region.

Major market player included in this report are:

Medtronic (Ireland)  
NuVasive (US)  
Nihon Kohden (Japan)  
Bovie Medical (US)  
Natus Medical (US)  
Checkpoint Surgical (US)  
Magstim (UK)  
Inomed (Germany)  
Erbe Elektromedizin (Germany)  
Dr. Langer Medical (Germany)

Recent Developments in the Market:

In Feb. 2022, InterStim X, a personalized device to administer sacral neuromodulation (SNM) therapy, was granted the thumbs-up by the US Food and Drug Administration (FDA).

Global Nerve Monitoring System Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Technology, Application, End User, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology:

Electromyography (EMG)

Electroencephalography (EEG)

Electrocorticography (ECOG)

Evoked Potential (EP)

By Application:

Neurosurgery

Spine Surgery

ENT Surgery

Cardiovascular Applications

Other Applications

By End User:

Hospitals and Surgical Centers

Ambulatory Surgical Centers

By Region:

North America

U.S.

Canada

Europe

UK  
Germany  
France  
Spain  
Italy  
ROE  
Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
RoLA  
Rest of the World

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