

# **Neurology Monitoring Market Size, Trends, Analysis, and Outlook By Product (Magnetic Resonance Imaging (MRI) Devices, Electroencephalography devices, Cerebral Oximeters, Intracranial Pressure Monitors, Others), By Disease (Traumatic Brain Injury (TBI), Stroke, Sleep Disorders, Parkinson's Disease, Epilepsy, Others), by Country, Segment, and Companies, 2024-2032**

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## **Abstracts**

The global Neurology Monitoring market size is poised to register 6.1% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Neurology Monitoring market across By Product (Magnetic Resonance Imaging (MRI) Devices, Electroencephalography devices, Cerebral Oximeters, Intracranial Pressure Monitors, Others), By Disease (Traumatic Brain Injury (TBI), Stroke, Sleep Disorders, Parkinson's Disease, Epilepsy, Others)

The neurology monitoring market is poised for substantial growth owing to its essential role in critical care, epilepsy management, and neurological assessment, as well as the increasing demand for continuous monitoring solutions, portable EEG devices, and ambulatory neurodiagnostic technologies that enable real-time detection, diagnosis, and treatment optimization for patients with neurological conditions, traumatic brain injuries, and seizure disorders in hospital and ambulatory settings. With advancements in neurophysiology, wearable sensors, and cloud-based data analytics, there is a rising opportunity for neurology monitoring device manufacturers to offer integrated solutions that provide actionable insights, predictive analytics, and remote monitoring capabilities

for healthcare providers, neurologists, and caregivers while supporting early intervention, treatment decision-making, and patient engagement throughout the care continuum. Further, the expanding applications of neurology monitoring in intensive care units, epilepsy monitoring units, and home-based telemedicine platforms are driving market expansion further.

## Neurology Monitoring Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Neurology Monitoring market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Neurology Monitoring survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Neurology Monitoring industry.

## Key market trends defining the global Neurology Monitoring demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

## Neurology Monitoring Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Neurology Monitoring industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Neurology Monitoring companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

## Key strategies adopted by companies within the Neurology Monitoring industry

Leading Neurology Monitoring companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging

demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Neurology Monitoring companies.

### Neurology Monitoring Market Study- Strategic Analysis Review

The Neurology Monitoring market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

### Neurology Monitoring Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Neurology Monitoring industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three case scenarios- low case, reference case, and high case scenarios.

### Neurology Monitoring Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2032.

North America Neurology Monitoring Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Neurology Monitoring market segments. Similarly, Strong market demand is encouraging Canadian Neurology Monitoring companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Neurology Monitoring market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Neurology Monitoring Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Neurology Monitoring industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European Neurology Monitoring market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Neurology Monitoring Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Neurology Monitoring in Asia Pacific. In particular, China, India, and South East Asian Neurology Monitoring markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth

interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major countries in the APAC region.

**Latin America Neurology Monitoring Market Size Outlook-** Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

**Middle East and Africa Neurology Monitoring Market Size Outlook-** continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Neurology Monitoring market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Neurology Monitoring.

**Neurology Monitoring Market Company Profiles**

The global Neurology Monitoring market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Advanced Brain Monitoring Inc, Compumedics Ltd, Drägerwerk AG & Co. KGaA, GE Healthcare, Koninklijke Philips N.V., Masimo Corp, Medtronic plc, Natus Medical Inc, Nihon Kohden Corp, Siemens Healthineers AG.

**Recent Neurology Monitoring Market Developments**

The global Neurology Monitoring market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

**Neurology Monitoring Market Report Scope**

**Parameters: Revenue, Volume Price**

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

### Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

### Market Segmentation:

By Product

Magnetic Resonance Imaging (MRI) Devices

Electroencephalography devices

Cerebral Oximeters

Intracranial Pressure Monitors

Others

By Disease

Traumatic Brain Injury (TBI)

Stroke

Sleep Disorders

Parkinson's Disease

Epilepsy

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Advanced Brain Monitoring Inc

Compumedics Ltd

Drägerwerk AG & Co. KGaA

GE Healthcare

Koninklijke Philips N.V.

Masimo Corp

Medtronic plc

Natus Medical Inc

Nihon Kohden Corp

Siemens Healthineers AG

Formats Available: Excel, PDF, and PPT



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Advanced Brain Monitoring Inc

Compumedics Ltd

Drägerwerk AG & Co. KGaA

GE Healthcare

Koninklijke Philips N.V.

Masimo Corp

Medtronic plc

Natus Medical Inc

Nihon Kohden Corp

Siemens Healthineers AG.

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