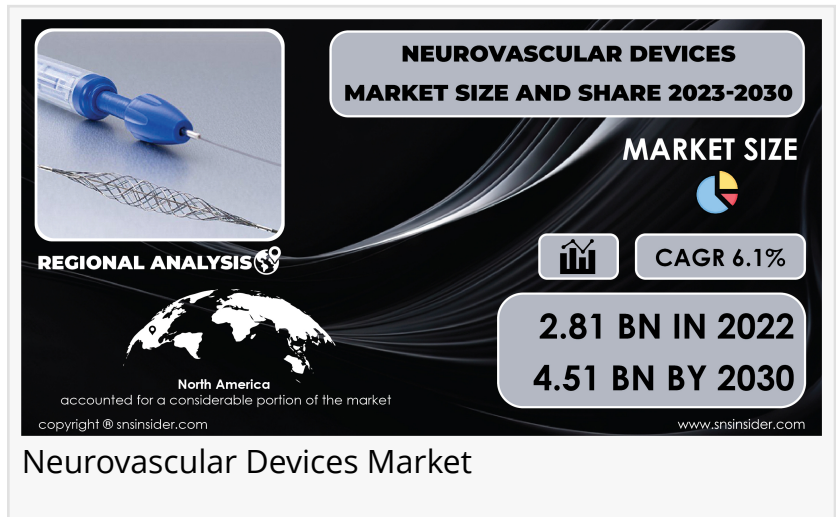


# Neurovascular Devices Market Size, Growth, Industry Analysis Report 2023-2030

*Neurovascular Devices Market to Hit USD 4.51 Billion by 2030 Driven by Growing Demand for Minimally Invasive Procedures*

AUSTIN, TEXAS, UNITED STATES, March 19, 2024 /EINPresswire.com/ --

According to SNS Insider, the Global [Neurovascular Devices Market](#) was valued at \$2.81 billion in 2022 and is projected to reach \$4.51 billion by 2030, growing at a CAGR of 6.1% during the forecast period.



The Neurovascular Devices Market Report provides a comprehensive analysis of the current market trends, growth drivers, challenges, and opportunities in the neurovascular devices industry. The report also includes insights into key market players, their product portfolios, recent developments, and strategies for market expansion. Additionally, it highlights the regulatory landscape governing neurovascular devices and the impact of technological advancements on market growth.

## Market Report Scope & Overview

The neurovascular devices market encompasses a wide array of medical devices designed to diagnose, treat, and manage disorders of the central nervous system and peripheral vascular system. This dynamic sector is characterized by continuous technological advancements aimed at enhancing patient outcomes and improving the quality of care provided by healthcare professionals. Neurovascular devices include a range of products such as neurostimulation devices, embolization coils, stents, catheters, and thrombectomy devices, among others. These devices are utilized in the treatment of various conditions, including ischemic stroke, cerebral aneurysms, arteriovenous malformations, and neurovascular tumors.

With aging populations and lifestyle factors contributing to the rise in conditions such as stroke and aneurysms, there is a growing demand for innovative medical devices that can provide

effective treatment options. Additionally, advancements in minimally invasive surgical techniques have led to a shift towards endovascular procedures, driving the adoption of neurovascular devices. As the neurovascular devices market continues to evolve, collaborations between healthcare providers, medical device manufacturers, and research institutions are expected to play a pivotal role in driving innovation and addressing unmet needs in neurovascular care.

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Major Key Players in the Neurovascular Devices Market:

- Johnson and Johnson Services Inc.
- Penumbra Inc.
- Microport Scientific Corporation
- Stryker
- Microvention Inc (Terumo Corporation)
- Codman Neuro (Integra Lifesciences)
- Medtronic

Technological Advancements and Rising Neurological Disorders Propel Neurovascular Devices Market Towards Significant Growth

The neurovascular devices market is poised for significant growth driven by several key factors. Firstly, advancements in technology have revolutionized neurovascular interventions, enabling more precise diagnoses and treatments of various neurological disorders such as stroke, aneurysms, and arteriovenous malformations (AVMs). Innovations such as stent retrievers, flow diverters, and embolic coils have greatly enhanced the efficacy and safety of neurovascular procedures, thereby expanding the market's potential. Moreover, the increasing prevalence of neurological disorders globally, coupled with an aging population, has heightened the demand for neurovascular devices.

Despite the promising growth prospects, the neurovascular devices market faces certain restraints that may impede its expansion. One significant challenge is the stringent regulatory approval process governing medical devices, which often entails rigorous testing and clinical trials. This can result in prolonged time-to-market for new products and escalate development costs, thereby hindering smaller companies' entry into the market. However, opportunities abound for market players to overcome these challenges. The increasing focus on research and development to introduce innovative solutions, along with strategic collaborations and partnerships, can help companies navigate regulatory hurdles and expand their market presence.

Impact of Recession

Amidst the ongoing recession, the neurovascular devices market experiences both positive and

negative impacts. On one hand, economic downturns typically lead to reduced healthcare spending, as individuals may postpone elective procedures or opt for cheaper treatment options. This could potentially constrain the growth of the neurovascular devices market as hospitals and healthcare facilities face budget constraints. However, on the other hand, the prevalence of neurological disorders often increases during periods of economic instability due to heightened stress levels and limited access to healthcare services. Consequently, there may be an increased demand for neurovascular devices such as stents, embolic coils, and thrombectomy devices to treat conditions like ischemic strokes and aneurysms.

#### Key Segments Covered in Neurovascular Devices Market Report:

##### By Device Type

- Cerebral Embolization and Aneurysm Coiling Devices
  - Embolic Coils
  - Liquid Embolic Agents
  - Flow Diverters
- Cerebral Angioplasty and Stenting Systems
  - Embolic Protection Devices
  - Carotid Artery Stents
- Neurothrombectomy Devices
  - Clot Retrieval Devices
  - Vascular Snares
  - Suction Devices
- Support Devices
  - Micro Guidewires
  - Micro Catheters

##### By Therapeutic Application

- Stroke
- Cerebral Artery Stenosis
- Cerebral Aneurysm
  - Aneurysmal Subarachnoid Hemorrhage
- Others

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#### Impact of Russia-Ukraine War

The Russia-Ukraine War presents a mixed bag of implications for the neurovascular devices

market. The conflict can disrupt global supply chains, affecting the production and distribution of medical devices, including neurovascular devices. Fluctuations in currency values and trade disruptions may also impact the cost of importing these devices, potentially leading to price hikes for consumers. Furthermore, geopolitical tensions may dampen investor confidence and contribute to market volatility, affecting the overall growth trajectory of the neurovascular devices market. However, amidst these challenges, there could be opportunities for market expansion in regions where healthcare infrastructure is strengthened to address the needs of conflict-affected populations.

## Regional Analysis

Regional analysis of the neurovascular devices market reveals diverse dynamics across different geographical areas. In developed regions such as North America and Europe, robust healthcare infrastructure, favorable reimbursement policies, and high adoption rates of advanced medical technologies contribute to substantial market share. These regions also witness significant investments in research and development, leading to continuous product innovations and technological advancements in neurovascular devices. In contrast, emerging economies in Asia-Pacific and Latin America present lucrative growth opportunities due to improving healthcare infrastructure, rising disposable incomes, and increasing prevalence of neurological disorders.

## Conclusion

In their report on the neurovascular devices market, SNS Insider covers a comprehensive analysis of market trends, growth drivers, challenges, and opportunities. The report delves into the impact of factors such as technological advancements, regulatory policies, demographic trends, and competitive landscape on market dynamics. Key segments, including aneurysm coiling & embolization devices, neurothrombectomy devices, and cerebral angioplasty & stenting systems, are analyzed in detail to provide insights into market size, growth potential, and regional trends.

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