

# **Global Interventional Neurology Devices Market Size study, by Product Type (Cerebral Balloon Angioplasty and Stenting Systems, Neurothrombectomy Devices, Aneurysm Coiling and Embolization Devices, Microcatheters, Guidewires) by Application (Artery Stenosis, Ischemic Strokes, Brain Aneurysm, Vein Stenosis, Others) and Regional Forecasts 2022-2032**

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## **Abstracts**

Global Interventional Neurology Devices Market is valued approximately USD XX billion in 2023 and is anticipated to grow with a growth rate of more than 8.97% over the forecast period 2024-2032. Interventional neurology devices are specialized implements utilized by neurologists and neurosurgeons to perform minimally invasive procedures targeting the brain, spinal cord, and related blood vessels. These devices encompass a range of tools such as neurovascular stents, embolic coils, catheters, embolization devices, neurothrombectomy devices, intracranial stents, neuroendovascular clipping devices, and flow diverters. They play a pivotal role in treating conditions like aneurysms, stroke, intracranial stenosis, and other vascular abnormalities. They offer advantages such as reduced recovery times and enhanced patient outcomes compared to traditional open surgeries. . The rapid development and adoption of neurovascular techniques and technologies is a major growth trend for the Global Interventional Neurology Devices Market. These developments include the introduction of cutting-edge tools including neurovascular stents, neurothrombectomy devices, and flow diverters, which aim to enhance patient outcomes and reduce the invasiveness of operations.

The rising prevalence of neurological disorders such as stroke, aneurysms, and brain tumors are major driving factor for the growth of the global interventional neurology

devices market. Additionally, advancement in technology leading to more effective and minimally invasive treatment options contribute to the market growth. Also, the increasing aging population is a significant driver as aged people are more prone to neurological conditions, which is prompting the market demand. Moreover, rising number of strategic initiatives by the industry players such as product reimbursement are poised to drive substantial market growth. For instance, In June 2021, The Roadsaver carotid stent system was reimbursed to Terumo France/Europe and MicroVention Europe as a result of the French National Authority for Health's (HAS) favorable evaluation, which emphasized the device's therapeutic value. Such strategic initiatives are expected to propel market expansion. Similarly, in September 2022, Penumbra, Inc., a global healthcare leader in innovative therapies, announced the CE Mark approval for its RED Reperfusion Catheters, now available across Europe. These catheters are integral to Penumbra's comprehensive Penumbra System, a mechanical aspiration thrombectomy solution designed to restore blood flow in patients with acute ischemic stroke (AIS). Furthermore, in March 2021, Innovative Cardiovascular Solutions (ICS) shared encouraging outcomes from European clinical cases employing the latest iteration of the EMBLOK Embolic Protection System during transcatheter aortic valve replacement (TAVR) procedures. However, high cost of devices and stringent regulatory scenario is likely to stifle market growth between 2022 and 2032.

The key regions considered for the global Interventional Neurology Devices Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, North America is recorded with dominating position in the Interventional Neurology Devices market with the highest number of market share owing to the rising prevalence of neurodegenerative conditions like Alzheimer's and Parkinson's, ongoing product innovations, and a growing preference for less invasive treatment options. The rising incidence of neurological disorders in the region is acting as a catalyzing factor for the Interventional Neurology Devices Market. As per NIH Trauma varying from a minor hit to the head to a deep wound to the brain cause traumatic brain injury (TBI). In the United States, an estimated 1.7 million individuals experience traumatic brain injuries annually, with higher prevalence witnessed among adolescents aged 15 to 19 and adults aged 65 and above. Furthermore, a recent investigation conducted by Heart & Stroke and published in the Canadian Journal of Neurological Sciences in 2022 underscored a rising pattern of 108,707 reported stroke cases annually in Canada, equating to almost one stroke occurring every five minutes. The market in Asia Pacific, on the other hand, is expected to grow at the fastest rate over the forecast period.

Major market player included in this report are:

Abbott Laboratories

B. Braun Melsungen AG  
Boston Scientific Corporation  
Johnson & Johnson  
Medtronic plc  
Merit Medical Systems, Inc.  
Penumbra, Inc.  
Stryker Corporation  
Terumo Corporation  
Integer Holdings Corporation

The detailed segments and sub-segment of the market are explained below:

#### By Product Type

Cerebral Balloon Angioplasty and Stenting Systems  
Neurothrombectomy Devices  
Aneurysm Coiling and Embolization Devices  
Micro-catheters  
Guidewires

#### By Application

Artery Stenosis  
Ischemic Strokes  
Brain Aneurysm  
Vein Stenosis  
Others

?

#### 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  
Middle East & Africa  
Saudi Arabia  
South Africa  
RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

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