

# Neurovascular Devices Market by Disease Pathology (Cerebral Aneurysm (Emboloc coils), Ischemic Stroke (Clot retrievers, Aspiration, Microcatheters), AVM (Liquid Embolic Agents), End User (Hospitals), & Region - Global Forecast to 2028

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## Abstracts

The global neurovascular devices market is projected to reach USD 5.5 Billion by 2028 from USD 3.6 Billion in 2023, at a CAGR of 8.7% during the forecast period. The increase in the demand for neurovascular devices market is driven by the increasing population proportion at a risk of developing various neurovascular diseases such as Ischemic stroke, cerebral aneurysms owing to the growing prevalence of hypertension, diabetes, and obesity. However, high cost of neuro-interventional procedures and associated products and shortage of skilled neurologists across emerging countries are likely to hamper the growth of market.

“Ischemic stroke segment accounted for the highest CAGR during the forecast period”

Based on disease pathology, the neurovascular devices market is segmented into cerebral aneurysm, ischemic strokes, carotid artery stenosis, arteriovenous malformations & fistulas, and other disease pathologies (includes cavernous malformations and moyamoya disease). The ischemic stroke segment to grow at a higher CAGR owing to increasing incidence of ischemic stroke and increase in the mechanical thrombectomy procedures.

“The Hospitals & surgical centers segment accounted for the largest market share in the neurovascular devices market, by end user, during the forecast period”

Based on end user, the neurovascular devices market is segmented into hospitals &

surgical centers, ambulatory care centers, and research laboratories and academic institutes. The hospital & surgical centers captured the largest share of neurovascular devices market during the forecast period attributed to the increasing hospitalization of target patient population, rising volume of neurovascular surgeries, and upgradation in the infrastructure of hospitals in developing nations along with the availability of technological advance neurovascular treatment devices in these settings.

“The North America segment accounted for the highest market share in the neurovascular devices market, by region, during the forecast period”

Based on the region, the global neurovascular devices market is categorized into North America, Europe, Asia Pacific, Latin America, and Middle East & Africa. North America is expected to witness a high market share during the forecast period. This can be attributed to the factors such as strong adoption of endovascular treatment procedures for the ischemic stroke, cerebral aneurysm, and arteriovenous malformation, availability of R& D investments for development of novel neurovascular devices, strong foothold of key players in region, and favorable reimbursement policy for neurovascular treatment procedures.

Breakdown of supply-side primary interviews, by company type, designation, and region:

By Company Type: Tier 1 (30%), Tier 2 (45%), and Tier 3 (25%)

By Designation: C-level (20%), Director-level (20%), and Others (45%)

By Region: North America (40%), Asia- Pacific (30%), Europe (20%), Latin America (7%) and Middle East & Africa(3%)

Prominent companies include Stryker (US), Johnson & Johnson (US), Medtronic (Ireland), Terumo Corporation (Japan), Penumbra, Inc. (US), MicroPort Scientific Corporation (China), Kaneka Corporation (Japan), BALT (France), Perflow Medical Ltd. (Israel), Phenox GmbH (Germany), Sensome (France), Evasc (Canada), Rapid Medical (Israel), Asahi Intecc Co., Ltd (Japan), Acandis GmbH (Germany), Medikit Co. Ltd. (Japan), Imperative Care (US), Lepu Medical Technology(Beijing)Co., Ltd. (China), Cerus Endovascular Inc. (USA), and Zylox-Tonbridge Medical Co., Ltd (China)

## Research Coverage

*Neurovascular Devices Market by Disease Pathology (Cerebral Aneurysm (Emboloc coils), Ischemic Stroke (Clot re...*

This research report categorizes the neurovascular devices market by disease pathology (cerebral aneurysm, ischemic strokes, carotid artery stenosis, arteriovenous malformations & fistulas, and other disease pathologies), by end user (hospitals & surgical centers, ambulatory care centers, and research laboratories and academic institutes), and region (North America, Europe, Asia Pacific, Latin America, and Middle East & Africa). The scope of the report covers detailed information regarding the major factors, such as drivers, restraints, challenges, and opportunities, influencing the growth of the neurovascular devices market. A detailed analysis of the key industry players has been done to provide insights into their business overview, solutions, and services; key strategies; Contracts, partnerships, agreements. new product & service launches, mergers and acquisitions, and recent developments associated with the neurovascular devices market. Competitive analysis of upcoming startups in the neurovascular devices market ecosystem is covered in this report.

#### Key Benefits of Buying the Report:

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall neurovascular devices market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and to plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

#### The report provides insights on the following pointers:

Analysis of key drivers (rising incidence of neurovascular diseases, increasing neurovascular procedures, availability of medical reimbursement, and expansion of healthcare infrastructure across emerging nations), restraints (high neurovascular procedural & related devices cost and shortage of skilled neurosurgeon in emerging countries ), opportunities (increase in the preference of minimally invasive neurosurgical procedures and rising R&D activities in neurovascular therapies), and challenges (stringent regulatory approval process for neurovascular treatment devices) influencing the growth of the neurovascular devices market

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the

neurovascular devices market.

**Market Development:** Comprehensive information about lucrative markets – the report analyses the neurovascular devices market across varied regions.

**Market Diversification:** Exhaustive information about new products, untapped geographies, recent developments, and investments in the neurovascular devices market

**Competitive Assessment:** In-depth assessment of market shares, growth strategies and service offerings of leading players like Stryker (US), Johnson & Johnson (US), Medtronic (Ireland), Terumo Corporation (Japan), Penumbra, Inc. (US), MicroPort Scientific Corporation (China), among others in the neurovascular devices market strategies.

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