

# Intracranial Stents Market Report by Type (Self-Expanding Stents, Balloon Expanding Stents, Stent-Assisted Coil Embolization), Application (Intracranial Stenosis, Brain Aneurysm), End User (Hospitals, Ambulatory Surgery Centers), and Region 2023-2028

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# **Abstracts**

The global intracranial stents market size reached US\$ 380.7 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 774.8 Million by 2028, exhibiting a growth rate (CAGR) of 12.6% during 2022-2028. The rising prevalence of various cerebrovascular disorders, rapidly growing geriatric population, and shifting preference among patients and healthcare providers towards non-invasive and minimally invasive procedures represent some of the key factors driving the market. Intracranial stents refer to small, tubular medical devices that are made from biocompatible materials such as nitinol or stainless steel, specifically designed for treating various cerebrovascular conditions in a less invasive way. They are characterized by improved compatibility with multiple imaging techniques, allowing precise navigation through blood vessels and are therefore deployed at the target site, with various sizes and configurations available to accommodate individual anatomical features. They are most commonly installed within narrowed or weakened blood vessels in the brain to provide structural support and restore blood flow. By maintaining vessel patency, they provide enhanced blood flow to the brain which helps in reducing the risk of stroke and other complications associated with restricted or damaged blood vessels. Intracranial stents find extensive applications in surgeries and procedures such as angioplasty or endovascular coiling, to treat various conditions including intracranial aneurysms or stenosis. Some of the advantages provided by intracranial stents include long-term support to blood vessels, shorter recovery times, and reduced hospital stays. Intracranial Stents Market Trends:

The global market is primarily driven by the rising prevalence of various cerebrovascular



disorders such as cerebral aneurysms and strokes. This can be attributed to the rapidly growing geriatric population that is more susceptible to developing these ailments. In line with this, continual technological advancements in intracranial stent production resulting in innovative and advanced products with improved flexibility, navigability, and radial strength are fueling the market. Moreover, an enhanced emphasis on early diagnosis and treatment of neurological conditions is propelling the demand for effective treatment solutions, which in turn is resulting in a higher uptake of intracranial stents. Also, the shifting preference among patients and healthcare providers towards non-invasive and minimally invasive procedures with shorter recovery times is acting as a significant growth-inducing factor for the market. In addition to this, favorable reimbursement policies for intracranial stent procedures by government agencies and private insurance providers in several countries is creating a positive market outlook. The market is further fueled by various strategic collaborations, merger and acquisitions (M&As) and partnerships among key players to expand their market presence. Apart from this, numerous innovations in medical imaging technologies, such as magnetic resonance imaging (MRI), computed tomography (CT), and angiography are impacting the market positively. Some of the other factors contributing to the market include rapid urbanization, rising healthcare expenditure, upgradation of hospital infrastructure, particularly in developing countries and extensive research and development (R&D) activities.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global intracranial stents market, along with forecasts at the global, regional, and country levels from 2023-2028. Our report has categorized the market based on type, application and end user.

Type Insights:

**Self-Expanding Stents** 

**Balloon Expanding Stents** 

Stent-Assisted Coil Embolization

The report has provided a detailed breakup and analysis of the intracranial stents market based on the type. This includes self-expanding stents, balloon expanding stents, and stent-assisted coil embolization. According to the report, self-expanding stents represented the largest segment.

Application Insights:

Intracranial Stenosis

Brain Aneurysm

The report has provided a detailed breakup and analysis of the intracranial stents market based on the application. This includes intracranial stenosis and brain aneurysm. According to the report, intracranial stenosis represented the largest



segment.

End User Insights:

Hospitals

**Ambulatory Surgery Centers** 

A detailed breakup and analysis of the intracranial stents market based on the end user has also been provided in the report. This includes hospitals and ambulatory surgery centers. According to the report, hospitals accounted for the largest market share.

Regional Insights:

North America

**United States** 

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

**United Kingdom** 

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, North America was the largest market for intracranial stents. Some of the factors driving the North America intracranial stents market included growing geriatric population, continual



technological advancements, shifting preference towards non-invasive and minimally invasive procedures, high healthcare expenditure, etc.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global intracranial stents market. Detailed profiles of all major companies have been provided. Some of the companies covered include Acandis GmbH, Balt Group, Medtronic Public Limited Company, MicroPort Scientific Corporation, Phenox GmbH, Stryker Corporation, Terumo Corporation, etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report. Key Questions Answered in This Report:

How has the global intracranial stents market performed so far, and how will it perform in the coming years?

What are the drivers, restraints, and opportunities in the global intracranial stents market?

What is the impact of each driver, restraint, and opportunity on the global intracranial stents market?

What are the key regional markets?

Which countries represent the most attractive intracranial stents market?

What is the breakup of the market based on the type?

Which is the most attractive type in the intracranial stents market?

What is the breakup of the market based on the application?

Which is the most attractive application in the intracranial stents market?

What is the breakup of the market based on the end user?

Which is the most attractive end user in the intracranial stents market?

What is the competitive structure of the global intracranial stents market?

Who are the key players/companies in the global intracranial stents market?



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