

# **Neuroendovascular Coil Market Report by Product Type (Guglielmi Detachable Coils (GDCs), Matrix Coils), Indication (Ruptured Aneurysm, Unruptured Aneurysm), Application (Tumor Surgery, Medical Teaching, and Others), End User (Hospitals, Ambulatory Surgical Centers (ASCs), Stroke Centers, and Others), and Region 2024-2032**

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## **Abstracts**

The global neuroendovascular coil market size reached US\$ 999.9 Million in 2023. Looking forward, IMARC Group expects the market to reach US\$ 1,260.9 Million by 2032, exhibiting a growth rate (CAGR) of 2.5% during 2024-2032.

Neuroendovascular coiling is a minimally invasive endovascular treatment which is performed to block the blood flow in a blood vessel in the brain. It is essential to treat an aneurysm, a bulge caused by weakness in the wall of a blood vessel, which can rupture due to rising pressure and bleed into the brain. The symptoms of a ruptured aneurysm generally include sudden onset of a severe headache, nausea, vomiting, blurred or double vision, and seizure. In neuroendovascular coiling, a surgeon tightly packs the aneurysm with detachable platinum coils that promote blood clotting and reduce pressure on the outer wall. Neuroendovascular coiling is becoming popular across the globe as it incurs less cost and lowers the risk for the patients.

Several advances have been made in the neuroendovascular coil technology in terms of shape, length and bioactivity. Besides this, significant progress has been made in intracranial stents to improve their deployment and delivery. Surgeons have started integrating intracranial stents with the coil technology to treat aneurysms and reduce issues related to recurrence. Moreover, endovascular coiling is being considered a

better surgical technique than clipping regarding postoperative complications, favorable outcomes and rehabilitation. Other than this, various market players are investing in the introduction of technologically advanced products. For instance, in 2018, Cerenovus, a division of the Johnson & Johnson Medical Devices Companies, launched the Galaxy G3 Mini embolic coil which is designed to have an irregular shape to enable the device to fill open spaces in cerebral aneurysms.

IMARC Group's latest report provides a deep insight into the global neuroendovascular coil market covering all its essential aspects. This ranges from macro overview of the market to micro details of the industry performance, recent trends, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc. This report is a must-read for entrepreneurs, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the neuroendovascular coil market in any manner.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global neuroendovascular coil market report, along with forecasts at the global and regional level from 2024-2032. Our report has categorized the market based on product type, indication, application, and end user.

#### Breakup by Product Type:

- Guglielmi Detachable Coils (GDCs)
- Matrix Coils

#### Breakup by Indication:

- Ruptured Aneurysm
- Unruptured Aneurysm

#### Breakup by Application:

- Tumor Surgery
- Medical Teaching
- Others

#### Breakup by End User:

Hospitals  
Ambulatory Surgical Centers (ASCs)  
Stroke Centers  
Others

#### Breakup by Region:

North America  
Europe  
Asia Pacific  
Middle East and Africa  
Latin America

#### Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Medtronic, Stryker Corporation, DePuy Synthes, Penumbra, Johnson & Johnson Services Inc., Terumo Corporation, Cardinal Health, Boston Scientific Corporation, Cook Medical Incorporated, Balt Extrusion, EndoShape, etc.

#### Key Questions Answered in This Report:

How has the global neuroendovascular coil market performed so far and how will it perform in the coming years?

What are the key regional markets in the global neuroendovascular coil industry?

What has been the impact of COVID-19 on the global neuroendovascular coil industry?

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

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

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

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

What are the various stages in the value chain of the global neuroendovascular coil industry?

What are the key driving factors and challenges in the global neuroendovascular coil industry?

What is the structure of the global neuroendovascular coil industry and who are the key players?

What is the degree of competition in the neuroendovascular coil industry?

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