

Global Neuroendoscopy Market: Key Drivers, Trends, Growth Opportunities & Forecast for 2025-2034

*The Business Research Company's
Neuroendoscopy Global Market Report
2025 – Market Size, Trends, And Global
Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED
KINGDOM, June 20, 2025
/EINPresswire.com/ -- The

[neuroendoscopy market size](#) has seen

robust growth in recent times from \$0.73 billion in 2024 to a projected \$0.79 billion in 2025, marking a healthy compound annual growth rate CAGR of 7.4%. This solid expansion during the historic period has been primarily fueled by factors such as technological advancements in endoscopic equipment, increased application of neuroendoscopy in pediatric neurosurgeries,



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growing awareness among both patients and surgeons about the benefits of neuroendoscopy, increased healthcare expenditure, and improved hospital infrastructure.

What Is Forecasted For The Neuroendoscopy Market In The Coming Years?

The neuroendoscopy industry is projected to see groundbreaking growth in the next few years. Expected to reach a convincing \$1.04 billion by 2029, representing a compound annual growth rate CAGR of 7.1%. The surge in

the forecast period is set to result from a rise in the integration of robotics in neuroendoscopy, heavy investment in neurosurgical research and development, the rise in demand for personalized and targeted neurological treatments, and increased adoption of advanced imaging technologies in endoscopy. Furthermore, we expect to see major advancements such as high-definition and 3D neuroendoscopic systems, integration of artificial intelligence in neuroendoscopy, the introduction of flexible and ultra-thin endoscopes for complex procedures, and innovation in minimally invasive surgical techniques.

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Why Is Neuroendoscopy Gaining Importance?

A significant growth driver for the neuroendoscopy market going forward is the escalating cases of brain tumors. These abnormal cell growths within the brain or central spinal canal can severely affect brain function and may necessitate surgical, radiological, or medical intervention depending on the type and location. Neuroendoscopy facilitates the treatment of brain tumors by enabling minimally invasive access to the brain, which allows for tumor removal or biopsy with reduced trauma, faster recovery, and fewer complications. In relation to this, clinical data from Cancer Australia, a government agency, reports the diagnosis of 1,924 new cases of brain cancer in the country in 2023, contributing to 1.2% of all new cancer cases and escalating the demand for neuroendoscopy.

Who Are The Key Players In The Neuroendoscopy Market?

The neuroendoscopy market is graced by several well-established brands including Medtronic plc, Stryker Corporation, Schindler Endoskopie Technologie GmbH, Carl Zeiss Meditec AG, Karl Storz SE & Co. KG, Integra LifeSciences Holdings Corporation, Natus Medical Incorporated, Aesculap AG, Richard Wolf GmbH, Brainlab AG, B. Braun Melsungen AG, and more.

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What Does Innovation Look Like In The Neuroendoscopy Market?

Companies operating in the neuroendoscopy market have their sights set on innovative advancements like the biportal endoscopic surgical system to enhance surgical precision, lower invasiveness, improve patient recovery times, and extend the range of treatable neurological conditions. US-based Joimax, for instance, launched the iLESSYS biportable endoscopic system for spinal surgery in October 2023 offering improved freedom of movement and precision through biportal access.

How Is The [Neuroendoscopy Market Segmented](#)?

The market focuses on various segments such as product, patient type, application, and end user. It further categorizes these into sub-segments that include various types of rigid neuroendoscopes, rigid fiberscopes, rigid videoscopes and flexible neuroendoscopes, among others.

What Does The Regional Landscape Of The Neuroendoscopy Market Look Like?

In 2024, North America proudly held the largest share of the neuroendoscopy market. However, the Asia-Pacific region is expected to exhibit the fastest growth in the forecast period. The market report delivers insights into various regions across the globe including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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