

Neuromodulation Market - Boosts Growth To Reach \$4,342.50 Million By 2035

The growth of the global neuromodulation market size is majorly driven by the increase in prevalence of different types of neurological disorders.

WILMINGTON, DE, UNITED STATES, September 5, 2025 /EINPresswire.com/ -- The global [neuromodulation market](#) was valued at \$2,480.21 million in 2020, and is projected to reach \$4,342.50 million by 2030, growing at a CAGR of 6.2% from 2021 to 2030.

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The Neuromodulation Market is experiencing unprecedented growth as innovative therapies redefine the landscape of neurological disorder management. Neuromodulation techniques, including spinal cord stimulation, deep brain stimulation, and transcranial magnetic stimulation, offer non-invasive or minimally invasive approaches to modulating neural activity, providing relief for patients suffering from chronic pain, movement disorders, psychiatric conditions, and other neurological ailments. This market's expansion is fueled by the rising prevalence of chronic pain, increasing awareness of neuromodulation therapies, and advancements in technology that enhance treatment efficacy and patient outcomes.

Neuromodulation devices stimulate nerves with pharmaceutical agents, electrical signals, or other forms of energy by modulating abnormal neural pathway behavior caused by the disease process. Neuromodulation devices include, deep brain stimulation (DBS), sacral nerve stimulation (SNS), vagus nerve stimulation (VNS), and spinal cord stimulation (SCS). These neuromodulation devices are used in treatment of neurological disorders, such as epilepsy, tremor, urinary and fecal incontinence, depression, and dystonia.

Major market players covered in the report, such as -

- NeuroPace Inc,
- Boston Scientific Corporation,
- Bioventus Inc.,
- MicroTransponder,
- Abbott,
- MicroTransponder,

- Medtronic,
- Neuronetics,
- NeuroSigma,
- LivaNova PLC,
- Nevro Corporation

Key Benefits for Stakeholders -

- The report provides quantitative analysis of market segments, current trends, strategies and potential of neuromodulation market research to identify potential neuromodulation market opportunities in genetics.
- In-depth analysis of this sector helps identify current market opportunities.
- Market analysis and information related to key drivers, restraints and opportunities are provided.
- Porter's Five Forces Analysis identifies the capabilities of buyers and suppliers to enable stakeholders to make profitable business decisions and strengthen the network of buyers.
- The largest countries in each region are listed according to their contribution to the global market.
- Focusing on market players makes benchmarking easier and provides a clear understanding of the current market situation.
- The report includes regional and global neuromodulation market analysis, key players, market segments, application areas and Market growth strategies.

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North America is expected to witness the highest growth, in terms of revenue, owing to the rise in prevalence of epilepsy, the presence of key players, increase in R&D activities in neuromodulation devices, and increase in number of hospitals and diagnostic centers, in the region.

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Based on technology, the internal neuromodulation segment accounted for over four-fifths of the global market share in 2020 and is anticipated to rule the roost by 2030. However, the external neuromodulation segment would cite the fastest CAGR of 6.9% throughout the forecast period.

Based on biomaterial, the metallic biomaterials segment captured over four-fifths of the overall market share in 2020 and is likely to maintain its lead status through 2030. However, the ceramic biomaterials segment would grow at the highest CAGR of 6.9% during the forecast period.

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The neuromodulation market is expected to witness a significant growth in the coming years. This market has gained interest of the healthcare and medical sectors owing to increased prevalence of hypertension throughout the globe. Furthermore, the global neuromodulation market is segmented on the basis of product type, end user, and region. leading market players have been introducing various strategies to help enterprises move their on-premise models to on-demand models.

Frequently Asked Questions (FAQ) on the Neuromodulation Market:

1. Are neuromodulation therapies safe?
2. How effective are neuromodulation therapies in managing chronic pain?
3. What factors contribute to the growth of the neuromodulation market?

4. Are neuromodulation therapies covered by insurance?

5. What future innovations can we expect in the field of neuromodulation?

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