

Neuromodulation Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

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The future of the neuromodulation market looks promising with opportunities in applications, such as spinal cord stimulation, deep brain stimulation, sacral nerve stimulation, vagus nerve stimulation, gastric electrical stimulation, transcutaneous electrical nerve stimulation, transcranial magnetic stimulation, and respiratory electrical stimulation. The global neuromodulation market is expected to grow with a CAGR of 7%-9% from 2020 to 2025. The major drivers for this market are increasing research and development activities in neurology and growing prevalence of neurological disorders.

A total of XX figures / charts and XX tables are provided in this more than 150-pages report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global neuromodulation market report, please download the report brochure.

In this market, internal neuromodulation is the largest technology of neuromodulation, whereas wastewater is the largest application. Growth in various segments of the neuromodulation market are given below:

The study includes trends and forecast for the global neuromodulation market by technology, biomaterial, application, and region as follows:

By Technology [Value (\$ Million) shipment analysis for 2014 – 2025]:

Internal Neuromodulation

Spinal Cord Stimulation

Deep Brain Stimulation

Vagus Nerve Stimulation

Sacral Nerve Stimulation

Gastric Electrical Stimulation

External Neuromodulation

Transcutaneous Electrical Nerve Stimulation (TENS)

Transcranial Magnetic Stimulation (TMS)

Respiratory Electrical Stimulation (RES)

By Biomaterial [Value (\$ Million) shipment analysis for 2014 – 2025]:

Metallic Biomaterials

Polymeric Biomaterials

Ceramic Biomaterials

By Application [Value (\$ Million) shipment analysis for 2014 – 2025]:

Spinal Cord Stimulation

Deep Brain Stimulation

Sacral Nerve Stimulation

Vagus Nerve Stimulation

Gastric Electrical Stimulation

Transcutaneous Electrical Nerve Stimulation

Transcranial Magnetic Stimulation

Respiratory Electrical Stimulation

By Region [Value (\$ Million) shipment analysis for 2014 – 2025]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Spain

German

France

Asia Pacific

China

India

Japan

The Rest of the World

Brazil

Some of the neuromodulation model companies profiled in this report include Medtronic, Boston Scientific, Abbott, LivaNova, Synapse Biomedical, Nevro, NeuroSigma, NeuroPace, Neuronetics, and BioControl Medical.

Lucintel forecasts that internal neuromodulators will remain the largest product segment over the forecast period due to rising prevalence of neurological disorders, increasing research into expanding the applications of neuromodulation, and awareness of neurodegenerative disorders.

Within this market, deep brain stimulation will remain the largest application segment over the forecast period due to the rising incidence of generic diseases and growing R&D activity for neuromodulation applications.

North America will remain the largest region over the forecast period due to rise in geriatric population, their vulnerability for neurological disorders, increase in incidence of neurological diseases, such as Alzheimer's and Parkinson's diseases, and the increase in awareness of the safety and efficacy of neurostimulator devices in the region.

Features of the Global Neuromodulation Market

Market Size Estimates: Global neuromodulation market size estimation in terms of value (\$M) shipment.

Trend and Forecast Analysis: Market trends (2014-2019) and forecast (2020-2025) by various segments.

Segmentation Analysis: Global neuromodulation market size by various segments, such as technology, biomaterial, and application in terms of value.

Regional Analysis: Global neuromodulation market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different technology, biomaterial, application, and region for the global neuromodulation market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the global neuromodulation market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global neuromodulation market by technology (internal neuromodulation (spinal cord stimulation, deep brain stimulation, vagus nerve stimulation, sacral nerve stimulation, and gastric electrical stimulation) and external neuromodulation (transcutaneous electrical nerve stimulation (TENS), transcranial magnetic stimulation (TMS), and respiratory electrical stimulation (RES))), biomaterial (metallic biomaterials, polymeric biomaterials, and ceramic biomaterials), application (spinal cord stimulation, deep brain stimulation, sacral nerve stimulation, vagus nerve stimulation, gastric electrical stimulation, transcutaneous electrical nerve stimulation, transcranial magnetic stimulation, and respiratory electrical stimulation), and region (North America, Europe, Asia Pacific, and Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the global neuromodulation market?

Q.5 What are the business risks and threats to the global neuromodulation market?

Q.6 What are the emerging trends in this neuromodulation market and the reasons behind them?

Q.7 What are some changing demands of customers in this neuromodulation market?

Q.8 What are the new developments in this neuromodulation market? Which companies are leading these developments?

Q.9 Who are the major players in this neuromodulation market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this neuromodulation market, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M&A activities did take place in the last five years in the global neuromodulation market?

Report Scope

Key Features Description

Base Year for Estimation 2019

Trend Period

(Actual Estimates) 2014-2019

Forecast Period 2020-2025

Pages More than 150

Market Representation / Units Revenue in US \$ Million

Report Coverage Market Trends & Forecasts, Competitor Analysis, New Product Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments Technology (Internal Neuromodulation (Spinal Cord Stimulation, Deep Brain Stimulation, Vagus Nerve Stimulation, Sacral Nerve Stimulation, and Gastric Electrical Stimulation) and External Neuromodulation (Transcutaneous Electrical Nerve Stimulation (TENS), Transcranial Magnetic Stimulation (TMS), and Respiratory Electrical Stimulation (RES))), Biomaterial (Metallic Biomaterials, Polymeric Biomaterials, and Ceramic Biomaterials), and Application (Spinal Cord Stimulation, Deep Brain Stimulation, Sacral Nerve Stimulation, Vagus Nerve Stimulation, Gastric Electrical Stimulation, Transcutaneous Electrical Nerve Stimulation, Transcranial Magnetic Stimulation, and Respiratory Electrical Stimulation)

Regional Scope North America (USA, Mexico, and Canada), Europe (United Kingdom, Spain, Germany, and France), Asia (China, India, and Japan), and ROW (Brazil)

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