

Nerve Repair & Regeneration Market by Products (Neuromodulation Devices (Deep Brain Stimulation, Vagus Nerve Stimulation), Biomaterials (Nerve Conduits, Nerve Wraps), Application (Neurorrhaphy, Nerve Grafting, Stem Cell Therapy) - Global Forecast to 2027

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Abstracts

The global nerve repair & regeneration market is expected to reach USD 11.6 billion by 2027 from USD 6.5 billion in 2022, at a CAGR of 12.1%. The growth in this market is driven by increasing research expenditure on the neurological disorders by the government, the increasing R&D investments by the market players into the neuromodulation and neurostimulation devices and the biomaterials. Also, the expanding geriatric population base drives the growth of the market by placing more demand of the nerve repair and regeneration products.

“The biomaterial as segment is anticipated to grow at the fastest growth rate during the forecast period.”

Based on product type, the nerve repair and regenerations market is segmented into neurostimulation and neuromodulation devices and biomaterials. The biomaterials segment is expected to register the highest CAGR which is driven by the research investments, and R&D expenditure by the government and market players.

“The internal neurostimulation and neuromodulation segment is accounted for the largest share during the analysis period.”

Based on the neurostimulation and neuromodulation application, the nerve repair &

regeneration market is segmented the neurostimulation and neuromodulation devices market is segmented into internal neurostimulation and neuromodulation applications and external neurostimulation and neuromodulation applications. The internal neurostimulation neuromodulation segment is held the largest share during the forecast period owing to the rising cases of nerve related injuries and the high incidence of neurological disorders.

“Asia Pacific is estimated to register the highest CAGR during the study period. North America is expected to dominate the market share”

In this report, the nerve repair & regeneration market is segmented into four major regional segments, namely, North America, Europe, Asia Pacific, and the Rest of the World (Middle East & Africa and Latin America). In 2021, North America held the largest share of the market owing to the presence of the leading players and advanced healthcare infrastructure.

The market in Asia Pacific is projected to grow at the highest growth rate during the forecast period owing to the massive population base, increasing economical growth, improving healthcare infrastructure and healthcare expenditure, high prevalence of the neurologic diseases and the rising demand

Breakdown of primary supply-side interviews, by company type, designation, and region:

By Company Type: Tier 1 (32%) , Tier 2 (44%), and Tier 3 (24%)

By Designation: C-level (30%), Director-level (34%), and Others (36%)

By Region: North America (50%), Europe (32%), AsiaPacific (10%), and Rest of the World (8%)

List of players profiled in this report:

Medtronic, plc. (Ireland)

Boston Scientific Corporation (US),

Abbott Laboratories (US)

Axogen Corporation (US)

Baxter (US)

LivaNova PLC (UK)

Integra LifeSciences (US)

Neuronetics Inc. (US)

Nevro Corp (US)

NeuroPace Inc. (US)

Polyganics (Netherlands)

Soterix Medical Inc (US)

Synapse Biomedical Inc. (US)

Aleva Neurotherapeutics SA (Switzerland)

Collagen Matrix Inc. (US)

KeriMedical (Switzerland)

BioWaveGO USA (US)

NeuroSigma Inc. (US)

tVNS Technologies GmbH (Germany)

GiMer Medical (Taiwan)

Checkpoint Surgical Inc. (US)

Renishaw PLC (UK)

Alafair Biosciences, Inc. (US)

electroCore, Inc. (US)

Research Coverage

This report studies the nerve repair & regeneration market based on product, application and region. The report also analyzes factors (such as drivers, restraints, opportunities, and challenges) affecting the market growth. It evaluates the opportunities and challenges in the market for stakeholders and provides details of the competitive landscape for market leaders. The report also studies micromarkets with respect to their growth trends, prospects, and contributions to the total nerve repair & regeneration market. The report forecasts the revenue of the market segments with respect to four major regions.

Reasons to Buy the Report:

The report provides insights on the following pointers:

Market Penetration: Comprehensive information on the nerve repair and regeneration offered by the top 16 players in the market. The report analyzes the nerve repair & regeneration market by product and region

Market Development: Comprehensive information about lucrative emerging markets. The report analyzes the markets for various nerve repair and regeneration across key geographic regions

Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the nerve repair & regeneration market

Competitive Assessment: In-depth assessment of market shares and strategies of the leading players in the nerve repair & regeneration market

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*Details on Business overview, Products offered, Recent developments, MNM Views, Key strengths/right to win, Strategic choices made, and Weaknesses and competitive threats might not be captured in case of unlisted companies.

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