

Global Implantable Neurostimulation Devices Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

<https://marketpublishers.com/r/GFB8D39D0040EN.html>

Date: April 2024

Pages: 132

Price: US\$ 3,950.00 (Single User License)

ID: GFB8D39D0040EN

Abstracts

Neurostimulation is a therapeutic activation of part of the nervous system using microelectrodes. The electrodes are used to interface with excitable tissue in order to either restore sensation, such as a cochlear implant for hearing, or control an organ, such as a heart pacemaker.

Neurostimulation technology improves the life quality of those who are severely paralyzed or suffering from profound losses to various sense organs. It serves as the key part of neural prosthetics for hearing aids, artificial vision, artificial limbs, and brain-machine interfaces. In the case of neural stimulation, mostly an electrical stimulation is utilized and charge-balanced biphasic constant current waveforms of capacitive coupled charge injection approaches are adopted. Alternatively, the transcranial magnetic stimulation has been proposed as a non-invasive method in which a magnetic field causes neurostimulation.

Neurostimulation devices are implantable devices that help in the therapeutic activation of the nervous systems. These devices deliver electrical stimulation to the brain and nervous systems for the treatment of various types of neurological disorders such as pain, epilepsy, Parkinson's disease, depression, obsessive-compulsive disorder, dystonia, and tremors. These devices target specific areas of the brain or spinal cord by blocking the pain messages before they reach the brain.

According to APO Research, The global Implantable Neurostimulation Devices market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

Global Implantable Neurostimulation Devices key players include Medtronic, Boston Scientific, St. Jude Medical (Abbott), etc. Global top three manufacturers hold a share over 75%.

North America is the largest market, with a share over 80%, followed by Europe, and Asia (Ex.China), both have a share about 10 percent.

In terms of product, Spinal Cord Stimulation (SCS) is the largest segment, with a share over 55%. And in terms of application, the largest application is Pain Management, followed by Parkinson's Disease, Epilepsy, Urinary and Fecal Incontinence, etc.

This report presents an overview of global market for Implantable Neurostimulation Devices, sales, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Implantable Neurostimulation Devices, also provides the sales of main regions and countries. Of the upcoming market potential for Implantable Neurostimulation Devices, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Implantable Neurostimulation Devices sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Implantable Neurostimulation Devices market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by Type and by Application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Implantable Neurostimulation Devices sales, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including Medtronic, Boston Scientific, St. Jude Medical (Abbott), LivaNova, Nevro, NeuroPace, Beijing Pins and

Synapse Biomedical, etc.

Implantable Neurostimulation Devices segment by Company

Medtronic

Boston Scientific

St. Jude Medical (Abbott)

LivaNova

Nevro

NeuroPace

Beijing Pins

Synapse Biomedical

Implantable Neurostimulation Devices segment by Type

Spinal Cord Stimulation (SCS)

Gastric Electric Stimulation (GES)

Deep Brain Stimulation (DBS)

Sacral Nerve Stimulation (SNS)

Vagus Nerve Stimulation (VNS)

Others

Implantable Neurostimulation Devices segment by Application

Pain Management

Parkinson's Disease

Urinary and Fecal Incontinence

Epilepsy

Gastroparesis

Others

Implantable Neurostimulation Devices segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.

4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Implantable Neurostimulation Devices market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Implantable Neurostimulation Devices and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Implantable Neurostimulation Devices.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Provides an overview of the Implantable Neurostimulation Devices market, including product definition, global market growth prospects, market size, sales, and average price forecasts (2019-2030).

Chapter 2: Provides the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Detailed analysis of Implantable Neurostimulation Devices manufacturers competitive landscape, price, sales and revenue market share, latest development plan, merger, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Sales of Implantable Neurostimulation Devices in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the market development, future development prospects, market space of each country in the world.

Chapter 7: Revenue of Implantable Neurostimulation Devices in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the market development, future development prospects, market space of each country in the world.

Chapter 8: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights of the report

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