

Implantable Neurostimulation Devices Industry Research Report 2024

<https://marketpublishers.com/r/I48AE4C6E028EN.html>

Date: April 2024

Pages: 117

Price: US\$ 2,950.00 (Single User License)

ID: I48AE4C6E028EN

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 was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

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.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Implantable Neurostimulation Devices, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Implantable Neurostimulation Devices.

The report will help the Implantable Neurostimulation Devices manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, sales volume, and average price for the overall market and the sub-segments across the different segments, by company, by Type, by Application, and by regions.

The Implantable Neurostimulation Devices market size, estimations, and forecasts are provided in terms of sales volume (Units) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Implantable Neurostimulation Devices market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by

these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

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

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to

business. Specialists have also laid their focus on the upcoming business prospects.

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: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of

each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Implantable Neurostimulation Devices manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Implantable Neurostimulation Devices by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

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

Chapter 7: 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 8: 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 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces 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 11: The main points and conclusions of the report.

Chapter 11: The main points and conclusions of the report.

Contents

1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Global Market Growth Prospects
 - 2.2.1 Global Implantable Neurostimulation Devices Market Size (2019-2030) & (US\$ Million)
 - 2.2.2 Global Implantable Neurostimulation Devices Sales (2019-2030)
 - 2.2.3 Global Implantable Neurostimulation Devices Market Average Price (2019-2030)
- 2.3 Implantable Neurostimulation Devices by Type
 - 2.3.1 Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
 - 2.3.2 Spinal Cord Stimulation (SCS)
 - 2.3.3 Gastric Electric Stimulation (GES)
 - 2.3.4 Deep Brain Stimulation (DBS)
 - 2.3.5 Sacral Nerve Stimulation (SNS)
 - 2.3.6 Vagus Nerve Stimulation (VNS)
 - 2.3.7 Others
- 2.4 Implantable Neurostimulation Devices by Application
 - 2.4.1 Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)
 - 2.4.2 Pain Management
 - 2.4.3 Parkinson's Disease
 - 2.4.4 Urinary and Fecal Incontinence
 - 2.4.5 Epilepsy
 - 2.4.6 Gastroparesis
 - 2.4.7 Others

3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Implantable Neurostimulation Devices Market Competitive Situation by Manufacturers (2019 Versus 2023)
- 3.2 Global Implantable Neurostimulation Devices Sales (Units) of Manufacturers (2019-2024)
- 3.3 Global Implantable Neurostimulation Devices Revenue of Manufacturers (2019-2024)
- 3.4 Global Implantable Neurostimulation Devices Average Price by Manufacturers (2019-2024)
- 3.5 Global Implantable Neurostimulation Devices Industry Ranking, 2022 VS 2023 VS 2024
- 3.6 Global Manufacturers of Implantable Neurostimulation Devices, Manufacturing Sites & Headquarters
- 3.7 Global Manufacturers of Implantable Neurostimulation Devices, Product Type & Application
- 3.8 Global Manufacturers of Implantable Neurostimulation Devices, Date of Enter into This Industry
- 3.9 Global Implantable Neurostimulation Devices Market CR5 and HHI
- 3.10 Global Manufacturers Mergers & Acquisition

4 MANUFACTURERS PROFILED

- 4.1 Medtronic
 - 4.1.1 Medtronic Company Information
 - 4.1.2 Medtronic Business Overview
 - 4.1.3 Medtronic Implantable Neurostimulation Devices Sales, Revenue and Gross Margin (2019-2024)
 - 4.1.4 Medtronic Implantable Neurostimulation Devices Product Portfolio
 - 4.1.5 Medtronic Recent Developments
- 4.2 Boston Scientific
 - 4.2.1 Boston Scientific Company Information
 - 4.2.2 Boston Scientific Business Overview
 - 4.2.3 Boston Scientific Implantable Neurostimulation Devices Sales, Revenue and Gross Margin (2019-2024)
 - 4.2.4 Boston Scientific Implantable Neurostimulation Devices Product Portfolio
 - 4.2.5 Boston Scientific Recent Developments
- 4.3 St. Jude Medical (Abbott)
 - 4.3.1 St. Jude Medical (Abbott) Company Information
 - 4.3.2 St. Jude Medical (Abbott) Business Overview

4.3.3 St. Jude Medical (Abbott) Implantable Neurostimulation Devices Sales, Revenue and Gross Margin (2019-2024)

4.3.4 St. Jude Medical (Abbott) Implantable Neurostimulation Devices Product Portfolio

4.3.5 St. Jude Medical (Abbott) Recent Developments

4.4 LivaNova

4.4.1 LivaNova Company Information

4.4.2 LivaNova Business Overview

4.4.3 LivaNova Implantable Neurostimulation Devices Sales, Revenue and Gross Margin (2019-2024)

4.4.4 LivaNova Implantable Neurostimulation Devices Product Portfolio

4.4.5 LivaNova Recent Developments

4.5 Nevro

4.5.1 Nevro Company Information

4.5.2 Nevro Business Overview

4.5.3 Nevro Implantable Neurostimulation Devices Sales, Revenue and Gross Margin (2019-2024)

4.5.4 Nevro Implantable Neurostimulation Devices Product Portfolio

4.5.5 Nevro Recent Developments

4.6 NeuroPace

4.6.1 NeuroPace Company Information

4.6.2 NeuroPace Business Overview

4.6.3 NeuroPace Implantable Neurostimulation Devices Sales, Revenue and Gross Margin (2019-2024)

4.6.4 NeuroPace Implantable Neurostimulation Devices Product Portfolio

4.6.5 NeuroPace Recent Developments

4.7 Beijing Pins

4.7.1 Beijing Pins Company Information

4.7.2 Beijing Pins Business Overview

4.7.3 Beijing Pins Implantable Neurostimulation Devices Sales, Revenue and Gross Margin (2019-2024)

4.7.4 Beijing Pins Implantable Neurostimulation Devices Product Portfolio

4.7.5 Beijing Pins Recent Developments

4.8 Synapse Biomedical

4.8.1 Synapse Biomedical Company Information

4.8.2 Synapse Biomedical Business Overview

4.8.3 Synapse Biomedical Implantable Neurostimulation Devices Sales, Revenue and Gross Margin (2019-2024)

4.8.4 Synapse Biomedical Implantable Neurostimulation Devices Product Portfolio

4.8.5 Synapse Biomedical Recent Developments

5 GLOBAL IMPLANTABLE NEUROSTIMULATION DEVICES MARKET SCENARIO BY REGION

5.1 Global Implantable Neurostimulation Devices Market Size by Region: 2019 VS 2023 VS 2030

5.2 Global Implantable Neurostimulation Devices Sales by Region: 2019-2030

5.2.1 Global Implantable Neurostimulation Devices Sales by Region: 2019-2024

5.2.2 Global Implantable Neurostimulation Devices Sales by Region: 2025-2030

5.3 Global Implantable Neurostimulation Devices Revenue by Region: 2019-2030

5.3.1 Global Implantable Neurostimulation Devices Revenue by Region: 2019-2024

5.3.2 Global Implantable Neurostimulation Devices Revenue by Region: 2025-2030

5.4 North America Implantable Neurostimulation Devices Market Facts & Figures by Country

5.4.1 North America Implantable Neurostimulation Devices Market Size by Country: 2019 VS 2023 VS 2030

5.4.2 North America Implantable Neurostimulation Devices Sales by Country (2019-2030)

5.4.3 North America Implantable Neurostimulation Devices Revenue by Country (2019-2030)

5.4.4 U.S.

5.4.5 Canada

5.5 Europe Implantable Neurostimulation Devices Market Facts & Figures by Country

5.5.1 Europe Implantable Neurostimulation Devices Market Size by Country: 2019 VS 2023 VS 2030

5.5.2 Europe Implantable Neurostimulation Devices Sales by Country (2019-2030)

5.5.3 Europe Implantable Neurostimulation Devices Revenue by Country (2019-2030)

5.5.4 Germany

5.5.5 France

5.5.6 U.K.

5.5.7 Italy

5.5.8 Russia

5.6 Asia Pacific Implantable Neurostimulation Devices Market Facts & Figures by Country

5.6.1 Asia Pacific Implantable Neurostimulation Devices Market Size by Country: 2019 VS 2023 VS 2030

5.6.2 Asia Pacific Implantable Neurostimulation Devices Sales by Country (2019-2030)

5.6.3 Asia Pacific Implantable Neurostimulation Devices Revenue by Country

(2019-2030)

5.6.4 China

5.6.5 Japan

5.6.6 South Korea

5.6.7 India

5.6.8 Australia

5.6.9 China Taiwan

5.6.10 Indonesia

5.6.11 Thailand

5.6.12 Malaysia

5.7 Latin America Implantable Neurostimulation Devices Market Facts & Figures by Country

5.7.1 Latin America Implantable Neurostimulation Devices Market Size by Country: 2019 VS 2023 VS 2030

5.7.2 Latin America Implantable Neurostimulation Devices Sales by Country (2019-2030)

5.7.3 Latin America Implantable Neurostimulation Devices Revenue by Country (2019-2030)

5.7.4 Mexico

5.7.5 Brazil

5.7.6 Argentina

5.8 Middle East and Africa Implantable Neurostimulation Devices Market Facts & Figures by Country

5.8.1 Middle East and Africa Implantable Neurostimulation Devices Market Size by Country: 2019 VS 2023 VS 2030

5.8.2 Middle East and Africa Implantable Neurostimulation Devices Sales by Country (2019-2030)

5.8.3 Middle East and Africa Implantable Neurostimulation Devices Revenue by Country (2019-2030)

5.8.4 Turkey

5.8.5 Saudi Arabia

5.8.6 UAE

6 SEGMENT BY TYPE

6.1 Global Implantable Neurostimulation Devices Sales by Type (2019-2030)

6.1.1 Global Implantable Neurostimulation Devices Sales by Type (2019-2030) & (Units)

6.1.2 Global Implantable Neurostimulation Devices Sales Market Share by Type

(2019-2030)

6.2 Global Implantable Neurostimulation Devices Revenue by Type (2019-2030)

6.2.1 Global Implantable Neurostimulation Devices Sales by Type (2019-2030) & (US\$ Million)

6.2.2 Global Implantable Neurostimulation Devices Revenue Market Share by Type (2019-2030)

6.3 Global Implantable Neurostimulation Devices Price by Type (2019-2030)

7 SEGMENT BY APPLICATION

7.1 Global Implantable Neurostimulation Devices Sales by Application (2019-2030)

7.1.1 Global Implantable Neurostimulation Devices Sales by Application (2019-2030) & (Units)

7.1.2 Global Implantable Neurostimulation Devices Sales Market Share by Application (2019-2030)

7.2 Global Implantable Neurostimulation Devices Revenue by Application (2019-2030)

7.2.1 Global Implantable Neurostimulation Devices Sales by Application (2019-2030) & (US\$ Million)

7.2.2 Global Implantable Neurostimulation Devices Revenue Market Share by Application (2019-2030)

7.3 Global Implantable Neurostimulation Devices Price by Application (2019-2030)

8 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

8.1 Implantable Neurostimulation Devices Value Chain Analysis

8.1.1 Implantable Neurostimulation Devices Key Raw Materials

8.1.2 Raw Materials Key Suppliers

8.1.3 Implantable Neurostimulation Devices Production Mode & Process

8.2 Implantable Neurostimulation Devices Sales Channels Analysis

8.2.1 Direct Comparison with Distribution Share

8.2.2 Implantable Neurostimulation Devices Distributors

8.2.3 Implantable Neurostimulation Devices Customers

9 GLOBAL IMPLANTABLE NEUROSTIMULATION DEVICES ANALYZING MARKET DYNAMICS

9.1 Implantable Neurostimulation Devices Industry Trends

9.2 Implantable Neurostimulation Devices Industry Drivers

9.3 Implantable Neurostimulation Devices Industry Opportunities and Challenges

9.4 Implantable Neurostimulation Devices Industry Restraints

10 REPORT CONCLUSION

11 DISCLAIMER

I would like to order

Product name: Implantable Neurostimulation Devices Industry Research Report 2024

Product link: <https://marketpublishers.com/r/l48AE4C6E028EN.html>

Price: US\$ 2,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/l48AE4C6E028EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970