

Neurostimulation Devices Market Analysis By Product (Deep Brain, Gastric Electric, Gastric Electric, Spinal Cord, Sacral Nerve And Vagus Nerve Stimulation Device), By Application (Pain Management, Epilepsy, Essential Tremor, Urinary and Fecal Incontinence, Dystonia, Gastroparesis, Parkinson's Disease) And Segment Forecasts To 2020

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Abstracts

The global market for neurostimulation devices is expected to reach USD 8,791.8 million by 2020. The presence of high unmet medical needs with limited treatment options in disease segments such as epilepsy, Parkinson's disease and migraine is one of the highest impact rendering driver of the market. Other key drivers for this market include growing global base of geriatric population, growing use of neuromodulation as an add on therapy and the introduction of technological advancements such as the transdermal neuromodulation technology by Neurowave Medical Technologies and MRI safety enabled devices by Medtronic Inc.

Neuromodulation or the use of neurostimulation devices for therapeutic purposes is one of most promising healthcare technologies. The global neurostimulation devices market is expected to grow at a CAGR of 14.3% from 2013 to 2020 on account of future growth opportunities such as the presence of untapped markets in rapidly growing Asian and Latin American economies and the growing number of externally funded clinical programs working towards the development of new products (e.g. the National Institute for Health Research funded a research program initiated by the NIHR/Nottingham Hearing Biomedical Research Unit to develop neuromodulation devices for the treatment of tinnitus).

The global neurostimulation devices market was dominated by the spinal cord stimulation product segment in 2012. Its market accounted for over 55% of the total revenue in 2012 owing to factors such as the presence of relatively larger number of high efficacy exhibiting U.S. FDA approved products in this segment and the high global prevalence of chronic pain.

Further Key findings from the study suggest:

North America generated the maximum revenue for the market in 2012. Its contribution to the market in terms of revenue was calculated at approximately 65% in 2012. However, the Asia Pacific market is expected to grow at the fastest rate (at a CAGR of over 17% from 2013 to 2020) during the forecast period on account of the presence of high future growth opportunities in countries with rapidly growing economies such as India and China.

Neurostimulation devices market for pain management dominated the market in terms of revenue in 2012. Its market share was valued at over 65% in 2012

Key players of this market include Medtronic Inc., St. Jude Medical, Cyberonics Inc., Integra Life Sciences, Boston Scientific Corporation and others.

For the purpose of this study, Grand View Research has segmented the global neurostimulation devices market on the basis of application and region:

Neurostimulation Devices Product Outlook,

Deep Brain Stimulation Device

Gastric Electric Stimulation Device

Spinal Cord Stimulation Device

Sacral Nerve Stimulation Device

Vagus Nerve Stimulation Device

Neurostimulation Devices Application Outlook,

Pain Management

Epilepsy

Essential Tremor

Urinary and Fecal Incontinence

Dystonia

Gastroparesis

Parkinson's Disease

Others

Neurostimulation Devices Regional Outlook,

North America

Europe

Asia Pacific

Rest of the World

Contents

CHAPTER 1. EXECUTIVE SUMMARY

1.1. Neurostimulation Devices – Industry Summary and Critical Success Factors (CSFs)

CHAPTER 2. NEUROSTIMULATION DEVICES INDUSTRY OUTLOOK

2.1. Market Segmentation

2.2. Market Size and Growth Prospects

2.3. Neurostimulation devices Market Dynamics

2.4. Key Opportunities Prioritized

2.5. Industry Analysis - Porter's

2.6. Neurostimulation Devices - Company Market Share Analysis

2.7. Neurostimulation Devices Market PESTEL Analysis, 2012

CHAPTER 3. NEUROSTIMULATION DEVICES PRODUCT OUTLOOK

3.1. Deep Brain Stimulation Device

3.2. Gastric Electric Stimulation Device

3.3. Spinal Cord Stimulation Device

3.4. Sacral Nerve Stimulation Device

3.5. Vagus Nerve Stimulation Device

CHAPTER 4. NEUROSTIMULATION DEVICES APPLICATION OUTLOOK

4.1. Pain Management

4.2. Epilepsy

4.3. Essential Tremor

4.4. Urinary and Fecal Incontinence

4.5. Depression

4.6. Dystonia

4.7. Gastroparesis

4.8. Parkinson's Disease

4.9. Others

CHAPTER 5. NEUROSTIMULATION DEVICES REGIONAL OUTLOOK

5.1. North America

- 5.2. Europe
- 5.3. Asia Pacific
- 5.4. RoW

CHAPTER 6 COMPETITIVE LANDSCAPE

- 6.1 Medtronic Inc.
 - 6.1.1 Company Overview
 - 6.1.2 Financial Performance
 - 6.1.3 Product Benchmarking
 - 6.1.4 Strategic Initiatives
- 6.2 Codman and Shurtleff Inc.
 - 6.2.1 Company Overview
 - 6.2.2 Financial Performance
 - 6.2.3 Product Benchmarking
 - 6.2.4 Strategic Initiatives
- 6.3 Cervel Neurotech, Inc.
 - 6.3.1 Company Overview
 - 6.3.2 Financial Performance
 - 6.3.3 Product Benchmarking
 - 6.3.4 Strategic Initiatives
- 6.4 Cyberonics Inc.
 - 6.4.1 Company Overview
 - 6.4.2 Financial Performance
 - 6.4.3 Product Benchmarking
 - 6.4.4 Strategic Initiatives
- 6.5 Integra Life Sciences
 - 6.5.1 Company Overview
 - 6.5.2 Financial Performance
 - 6.5.3 Product Benchmarking
 - 6.5.4 Strategic Initiatives
- 6.6 St. Jude Medical
 - 6.6.1 Company Overview
 - 6.6.2 Financial Performance
 - 6.6.3 Product Benchmarking
 - 6.6.4 Strategic Initiatives
- 6.7 Nevro Corporation
 - 6.7.1 Company Overview
 - 6.7.2 Financial Performance

- 6.7.3 Product Benchmarking
- 6.7.4 Strategic Initiatives
- 6.8 Boston Scientific Corporation
 - 6.8.1 Company Overview
 - 6.8.2 Financial Performance
 - 6.8.3 Product Benchmarking
 - 6.8.4 Strategic Initiatives
- 6.9 Uroplasty Inc.
 - 6.9.1 Company Overview
 - 6.9.2 Financial Performance
 - 6.9.3 Product Benchmarking
 - 6.9.4 Strategic Initiatives
- 6.10 Neuronetics, Inc.
 - 6.10.1 Company Overview
 - 6.10.2 Financial Performance
 - 6.10.3 Product Benchmarking
 - 6.10.4 Strategic Initiatives
- 6.11 IntraPace Inc.
 - 6.11.1 Company Overview
 - 6.11.2 Financial Performance
 - 6.11.3 Product Benchmarking
 - 6.11.4 Strategic Initiatives

CHAPTER 7. METHODOLOGY AND SCOPE

- 7.1. Research Methodology
- 7.2. Research Scope & Assumption
- 7.3. List of Data Sources

List Of Tables

LIST OF TABLES

Neurostimulation Devices – Industry Summary & Critical Success Factors (CSFs)
Global Neurostimulation Devices Revenue, 2012 - 2020
Global Neurostimulation Devices Market Revenue by Region, (USD million), 2012 - 2020
Global Neurostimulation Devices Market Revenue by Segments, (USD million), 2012 - 2020
Global Neurostimulation Devices Market Revenue by Applications (USD million), 2012 - 2020
Global deep brain stimulators demand, by region, 2012 to 2020 (USD million)
Global gastric electric stimulators demand, by region, 2012 to 2020 (USD million)
Global spinal cord stimulators demand, by region, 2012 to 2020 (USD million)
Global vagus nerve stimulators demand, by region, 2012 to 2020 (USD million)
Global sacral nerve stimulators demand, by region, 2012 to 2020 (USD million)
Global neurostimulation devices for pain management demand, by region, 2012 to 2020 (USD million)
Global neurostimulation devices for epilepsy demand, by region, 2012 to 2020 (USD million)
Global neurostimulation devices for essential tremor demand, by region, 2012 to 2020 (USD million)
Global neurostimulation devices for urinary and fecal incontinence demand, by region, 2012 to 2020 (USD million)
Global neurostimulation devices for depression demand, by region, 2012 to 2020 (USD million)
Global neurostimulation devices for dystonia demand, by region, 2012 to 2020 (USD million)
Global neurostimulation devices for gastroparesis demand, by region, 2012 to 2020 (USD million)
Global neurostimulation devices for Parkinson's disease demand, by region, 2012 to 2020 (USD million)
Global neurostimulation devices for other diseases demand, by region, 2012 to 2020 (USD million)
North America neurostimulation devices demand, by products, (USD million), 2012 - 2020
North America neurostimulation devices demand, by applications, (USD million), 2012 - 2020

Europe neurostimulation devices demand, by products, (USD million), 2012 - 2020

Europe neurostimulation devices demand, by applications, (USD million), 2012 - 2020

Asia Pacific neurostimulation devices demand, by products, (USD million), 2012 - 2020

Asia Pacific neurostimulation devices demand, by applications, (USD million), 2012 - 2020

RoW neurostimulation devices demand, by products, (USD million), 2012 - 2020

RoW neurostimulation devices demand, by applications, (USD million), 2012 - 2020

Global Neurostimulation Devices Market - Competitive Landscape

List Of Figures

LIST OF FIGURES

Neurostimulation Devices Market Segmentation

Global Neurostimulation Devices Market Revenue, 2012 - 2020

Neurostimulation Devices Market Dynamics

Global population base over the age group of 60 years, 2010 and 2017 (million)

Global Parkinson's disease prevalence, 2013 and 2035 (million)

Neurostimulation Devices Company Market Share Analysis, 2012

Key Opportunities Prioritized

Industry Analysis - Porter's

Neurostimulation Devices PESTEL Analysis, 2012

Global neurostimulation devices revenue, by products, 2012 & 2020

Global deep brain stimulators demand, by region, 2012 to 2020 (USD million)

Approval (US FDA and European CE) status of key products: deep brain stimulators

Global gastric electric stimulators demand, by region, 2012 to 2020 (USD million)

Global spinal cord stimulators demand, by region, 2012 to 2020 (USD million)

Approval (US FDA and European CE) status of key products: spinal cord stimulators

Global vagus nerve stimulators demand, by region, 2012 to 2020 (USD million)

Approval (US FDA and European CE) status of key products: vagus nerve stimulators

Global sacral nerve stimulators demand, by region, 2012 to 2020 (USD million)

Approval (US FDA and European CE) status of key products: sacral nerve stimulators

Global neurostimulation devices revenue, by applications, 2012 & 2020

Global neurostimulation devices for pain management demand, by region, 2012 to 2020 (USD million)

Global neurostimulation devices for epilepsy demand, by region, 2012 to 2020 (USD million)

Global neurostimulation devices for essential tremor demand, by region, 2012 to 2020 (USD million)

Global neurostimulation devices for urinary and fecal incontinence demand, by region, 2012 to 2020 (USD million)

Global neurostimulation devices for depression demand, by region, 2012 to 2020 (USD million)

Global neurostimulation devices for dystonia demand, by region, 2012 to 2020 (USD million)

Global neurostimulation devices for gastroparesis demand, by region, 2012 to 2020 (USD million)

Global neurostimulation devices for Parkinson's disease demand, by region, 2012 to

2020 (USD million)

Global neurostimulation devices for other diseases demand, by region, 2012 to 2020
(USD million)

Neurostimulation devices revenue demand by region, 2012 & 2020

North America neurostimulation devices demand, by products, (USD million), 2012 -
2020

North America neurostimulation devices demand, by applications, (USD million), 2012 -
2020

Europe neurostimulation devices demand, by products, (USD million), 2012 - 2020

Europe neurostimulation devices demand, by applications, (USD million), 2012 - 2020

Asia Pacific neurostimulation devices demand, by products, (USD million), 2012 - 2020

Asia Pacific neurostimulation devices demand, by applications, (USD million), 2012 -
2020

RoW neurostimulation devices demand, by products, (USD million), 2012 - 2020

RoW neurostimulation devices demand, by applications, (USD million), 2012 – 2020

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