

# **Global Deep Brain Stimulation Market: Analysis By Product (Dual Channel and Single Channel), By Application (Parkinson's Disease, Essential Tremor, Dystonia, Epilepsy and Others), By End Use (Hospitals, Neurology Clinics, Ambulatory Surgical Clinics and Research Centers), By Region Size and Trends with Impact of COVID-19 and Forecast up to 2029**

<https://marketpublishers.com/r/GFCA4C065977EN.html>

Date: June 2024

Pages: 153

Price: US\$ 2,250.00 (Single User License)

ID: GFCA4C065977EN

## **Abstracts**

Deep brain stimulation (DBS) is a neurosurgical procedure that involves implanting electrodes and a neurostimulator in the brain to deliver electrical impulses to specific areas responsible for movement and other neurological functions. The procedure is designed to treat various movement disorders and neuropsychiatric conditions, such as Parkinson's disease, essential tremor, dystonia, obsessive-compulsive disorder, and epilepsy. The global deep brain stimulation market value stood at US\$1.31 billion in 2023 and is expected to reach US\$2.56 billion by 2029.

The continuous growth of the global deep brain stimulation (DBS) market can be attributed to several key factors driving its adoption and expansion. An increasing prevalence of conditions like Parkinson's disease, essential tremor, and epilepsy, coupled with rising awareness among patients and healthcare providers about the benefits of DBS, has expanded its patient pool. According to WHO, a major study released by The Lancet Neurology shows that, in 2021, more than 3 billion people worldwide were living with a neurological condition. Further, ongoing research and clinical trials exploring new applications of DBS in psychiatric disorders such as depression and obsessive-compulsive disorder are opening up new avenues for growth.

Moreover, improvements in DBS device design, including smaller and more durable implants, contribute to better patient outcomes and reduced complications, further driving market expansion. Supportive regulatory frameworks and reimbursement policies in key markets facilitate greater accessibility to DBS treatments, fostering market growth globally. The market is expected to grow at a CAGR of 11.89% over the projected period of 2024-2029.

#### Market Segmentation Analysis:

**By Product:** The report provides bifurcation of the global deep brain stimulation market into two segments namely, dual channel and single channel. The dual channel segment of the global deep brain stimulation (DBS) market holds the highest share and is expected to be the fastest growing, due to its ability to offer enhanced therapeutic benefits through precise and customizable stimulation patterns across multiple brain regions. This capability is crucial for effectively managing complex neurological disorders like Parkinson's disease and essential tremor. Technological advancements in dual channel DBS systems, including improved implants and programming software, further bolster their attractiveness to healthcare providers seeking optimal treatment outcomes for their patients.

**By Application:** The report provides bifurcation of the global deep brain stimulation market into five segments namely, Parkinson's disease, essential tremor, epilepsy, dystonia and others. Parkinson's disease segment dominates the market due to its established efficacy in alleviating motor symptoms such as tremors, rigidity, and bradykinesia. The treatment's success in improving patients' quality of life and reducing medication dependency has driven its widespread adoption. On the other hand, epilepsy is expected to be the fastest-growing segment in the forecasted period due to several factors, such as increasing prevalence of drug-resistant epilepsy cases globally, advancements in neuroimaging techniques facilitating better patient selection for DBS, and ongoing development of closed-loop DBS systems that can detect and respond to seizure activity in real-time.

**By End Use:** The report provides the bifurcation of the global deep brain stimulation market into four segments namely, hospitals, neurology clinics, ambulatory surgical clinics and research centers. Hospitals held the highest share in the market and is expected to be the fastest-growing segment in the forecasted period. Hospitals are equipped with specialized infrastructure and resources required for performing complex neurosurgical procedures like DBS, facilitated by advanced operating rooms and highly trained neurology and neurosurgery teams. They serve as central hubs for treating

complex neurological conditions such as Parkinson's disease and essential tremor, where DBS is a pivotal treatment option. Furthermore, hospitals provide comprehensive care through integrated multidisciplinary teams, ensuring patients receive thorough evaluation, precise surgical intervention, and ongoing management.

**By Region:** The report bifurcates the global deep brain stimulation market into four regions namely, North America, Europe, Asia Pacific, and Rest of the World. North America is the largest region of the deep brain stimulation market and presents a promising landscape due to its advanced healthcare infrastructure, significant investments in medical research, and a large patient population affected by neurological disorders. The region's strong focus on technological innovation has led to the development of DBS devices with enhanced efficacy and safety profiles, such as improved targeting capabilities and longer battery life. Additionally, favorable regulatory frameworks and robust reimbursement policies support widespread adoption of DBS therapies. These factors collectively create a conducive environment for the growth of the DBS market in North America, making it a leader in both innovation and treatment outcomes for neurological and movement disorders.

Asia Pacific stands out as the fastest-growing region in the deep brain stimulation sector due to aging population, urbanization, and increasing disposable income. An aging population contribute to a rising prevalence of neurological disorders such as Parkinson's disease and essential tremor, driving demand for advanced treatment options like DBS. Secondly, improving healthcare infrastructure and increasing healthcare expenditure are expanding access to specialized neurological care, including DBS therapies. Thirdly, growing awareness among healthcare providers and patients about the efficacy of DBS in managing neurological conditions is accelerating adoption rates. Additionally, ongoing technological advancements and investments in research and development are fostering innovation in DBS technologies, further propelling market growth in the Asia Pacific region.

#### Global Deep Brain Stimulation Market Dynamics:

**Growth Drivers:** The global deep brain stimulation market growth is predicted to be supported by numerous growth drivers such rise in the geriatric population, increasing prevalence of neurological disorders, expanding indications for DBS, growing healthcare infrastructure, increasing demand for minimally invasive surgery, growing awareness and acceptance and regulatory approvals and funding, etc. Initially, DBS was primarily used for managing Parkinson's disease and essential tremor. However, ongoing research and clinical trials have demonstrated its efficacy in treating a wider

range of neurological and psychiatric conditions like Tourette syndrome, chronic pain, depression, and even Alzheimer's disease. This broadening of indications means that more patients with diverse medical conditions can benefit from DBS, increasing its overall market demand. Additionally, as the list of approved indications for DBS grows, insurance companies and national healthcare systems are more likely to cover these procedures. Expanded insurance coverage reduces the financial burden on patients, making DBS more accessible and further boosting its market growth.

**Challenges:** However, the market growth would be negatively impacted by various challenges such as potential side effects associated with DBS surgery, presence of alternative procedures, high cost, etc. The high cost of deep brain stimulation (DBS) procedures and devices poses a significant barrier to access, particularly for patients in less affluent regions or those lacking adequate insurance coverage. The expense encompasses several components: initial surgical implantation of electrodes and the neurostimulator; post-operative care, including monitoring and adjustment of stimulation settings; and potential replacement surgeries for device components over time, as batteries and leads may need to be replaced periodically. These costs can accumulate substantially, making DBS a financially prohibitive option for many patients.

**Trends:** The market is projected to grow at a fast pace during the forecasted period, due to market trends like telemedicine, automated deep brain stimulation, closed-loop brain stimulation, rechargeable devices with longer battery life, tapping into emerging markets, miniaturized DBS devices etc. The development of rechargeable DBS devices with longer battery life represents a significant advancement in neurosurgery, offering improved patient outcomes, enhanced therapy management, reduced healthcare costs, convenience, and technological reliability. Traditional DBS devices often require surgical procedures to replace depleted batteries, typically every three to five years. Rechargeable DBS systems, however, extend the battery life significantly, sometimes lasting up to 15 years or more. This advancement reduces the frequency of replacement surgeries, lowering the risk of complications and associated healthcare costs. These devices are poised to expand the applications of DBS and further improve the quality of care for patients with neurological disorders.

#### Impact Analysis of COVID-19 and Way Forward:

The COVID-19 pandemic had a significant impact on the global deep brain stimulation (DBS) market, primarily due to disruptions in healthcare services and prioritization of COVID-19 patients. Elective procedures, including DBS surgeries for conditions like Parkinson's disease, were often postponed to conserve resources and minimize virus

transmission risks. This led to a reduction in the number of DBS procedures performed globally, delaying treatments for patients in need.

Post-COVID, the deep brain stimulation market is expected to stabilize after experiencing fluctuations during the pandemic. As elective surgeries resume and deferred patients seek treatment, there is expected to be a surge in demand for DBS procedures. Technological advancements, including smaller and more efficient devices, improved targeting techniques, and the introduction of advanced features like rechargeable implantable pulse generators and personalized programming, will enhance treatment outcomes and patient satisfaction. The shift towards telemedicine and remote DBS programming has become integral in maintaining therapy continuity.

#### Competitive Landscape and Recent Developments:

The global market is dominated by few of the key companies owing to their strong product portfolio, and key strategic decisions. These include a group of 3 key companies with wider geographic presence and persistent R&D, resulting in a strong product portfolio. The market is highly consolidated in nature, with three major players operating in the market i.e. Boston Scientific Corp., Medtronic and Abbott.

The key players in the global deep brain stimulation market are:

Abbott  
Medtronic Plc  
Boston Scientific Corporation  
Renishaw plc  
Zimmer Biomet  
Aleva Neurotherapeutics  
Newronika  
SceneRay Co., Ltd.

Some of the strategies among key players in the market are new launch, mergers, acquisitions, and collaborations. In July 2023, Boston Scientific Corp. made an announcement regarding the FDA approval of its Vercise Neural Navigator 5 Software. This software, when integrated with the Vercise Genus DBS systems, is poised to provide clinicians with essential data for optimizing treatment for individuals living with Parkinson's disease or essential tremor. Also, in September 2022, Aleva Neurotherapeutics received CE-mark approval for its magnetic resonance imaging (MRI) labelling for the directSTIM DBS system, allowing the technology to be used in a

full-body MRI environment across Europe.

## Contents

### 1. EXECUTIVE SUMMARY

### 2. INTRODUCTION

#### 2.1 Deep Brain Stimulation: An Overview

##### 2.1.1 Definition of Deep Brain Stimulation

##### 2.1.2 Deep Brain Stimulation Process for Parkinson's and Essential Tremor

##### 2.1.3 Comparison of Deep Brain Stimulation and Lesioning Procedures

#### 2.2 Deep Brain Stimulation Segmentation: An Overview

##### 2.2.1 Deep Brain Stimulation Segmentation

### 3. GLOBAL MARKET ANALYSIS

#### 3.1 Global Deep Brain Stimulation Market: An Analysis

##### 3.1.1 Global Deep Brain Stimulation Market: An Overview

##### 3.1.2 Global Deep Brain Stimulation Market by Value

##### 3.1.3 Global Deep Brain Stimulation Market by Product (Dual Channel and Single Channel)

##### 3.1.4 Global Deep Brain Stimulation Market by Application (Parkinson's Disease, Essential Tremor, Dystonia, Epilepsy and Others)

##### 3.1.5 Global Deep Brain Stimulation Market by End Use (Hospitals, Neurology Clinics, Ambulatory Surgical Clinics and Research Centers)

##### 3.1.6 Global Deep Brain Stimulation Market by Region (North America, Europe, Asia Pacific, Rest of the World)

#### 3.2 Global Deep Brain Stimulation Market: Product Analysis

##### 3.2.1 Global Deep Brain Stimulation Market: Product Overview

##### 3.2.2 Global Dual Channel Deep Brain Stimulation Market by Value

##### 3.2.3 Global Single Channel Deep Brain Stimulation Market by Value

#### 3.3 Global Deep Brain Stimulation Market: Application Analysis

##### 3.3.1 Global Deep Brain Stimulation Market by Application: An Overview

##### 3.3.2 Global Parkinson's Disease Deep Brain Stimulation Market by Value

##### 3.3.3 Global Essential Tremor Deep Brain Stimulation Market by Value

##### 3.3.4 Global Dystonia Deep Brain Stimulation Market by Value

##### 3.3.5 Global Epilepsy Deep Brain Stimulation Market by Value

##### 3.3.6 Global Others Deep Brain Stimulation Market by Value

#### 3.4 Global Deep Brain Stimulation Market: End Use Analysis

##### 3.4.1 Global Deep Brain Stimulation Market: End Use Overview

- 3.4.2 Global Hospitals Deep Brain Stimulation Market by Value
- 3.4.3 Global Neurology Clinics Deep Brain Stimulation Market by Value
- 3.4.4 Global Ambulatory Surgical Clinics Deep Brain Stimulation Market by Value
- 3.4.5 Global Research Centers Deep Brain Stimulation Market by Value

## **4. REGIONAL MARKET ANALYSIS**

### 4.1 North America Deep Brain Stimulation Market: An Analysis

- 4.1.1 North America Deep Brain Stimulation Market: An Overview
- 4.1.2 North America Deep Brain Stimulation Market by Value
- 4.1.3 North America Deep Brain Stimulation Market by Product (Dual Channel and Single Channel)
- 4.1.4 North America Dual Channel and Single Channel Deep Brain Stimulation Market by Value
- 4.1.5 North America Deep Brain Stimulation Market by Application (Parkinson's Disease, Essential Tremor, Dystonia, Epilepsy and Others)
- 4.1.6 North America Deep Brain Stimulation Market Application by Value
- 4.1.7 North America Deep Brain Stimulation Market by End Use (Hospitals, Neurology Clinics, Ambulatory Surgical Clinics and Research Centers)
- 4.1.8 North America Deep Brain Stimulation Market End Use by Value
- 4.1.9 North America Deep Brain Stimulation Market by Region (The US, Canada and Mexico)
- 4.1.10 The US Deep Brain Stimulation Market by Value
- 4.1.11 Canada Deep Brain Stimulation Market by Value
- 4.1.12 Mexico Deep Brain Stimulation Market by Value

### 4.2 Europe Deep Brain Stimulation Market: An Analysis

- 4.2.1 Europe Deep Brain Stimulation Market: An Overview
- 4.2.2 Europe Deep Brain Stimulation Market by Value
- 4.2.3 Europe Deep Brain Stimulation Market by Region (Germany, UK, France, Italy, Spain and Rest of Europe)
- 4.2.4 Germany Deep Brain Stimulation Market by Value
- 4.2.5 UK Deep Brain Stimulation Market by Value
- 4.2.6 France Deep Brain Stimulation Market by Value
- 4.2.7 Italy Deep Brain Stimulation Market by Value
- 4.2.8 Spain Deep Brain Stimulation Market by Value
- 4.2.9 Rest of Europe Deep Brain Stimulation Market by Value

### 4.3 Asia Pacific Deep Brain Stimulation Market: An Analysis

- 4.3.1 Asia Pacific Deep Brain Stimulation Market: An Overview
- 4.3.2 Asia Pacific Deep Brain Stimulation Market by Value



4.3.3 Asia Pacific Deep Brain Stimulation Market by Region (China, Japan, India, South Korea and Rest of Asia Pacific)

4.3.4 China Deep Brain Stimulation Market by Value

4.3.5 Japan Deep Brain Stimulation Market by Value

4.3.6 India Deep Brain Stimulation Market by Value

4.3.7 South Korea Deep Brain Stimulation Market by Value

4.3.8 Rest of Asia Pacific Deep Brain Stimulation Market by Value

4.4 Rest of the World Deep Brain Stimulation Market: An Analysis

4.4.1 Rest of the World Deep Brain Stimulation Market: An Overview

4.4.2 Rest of the World Deep Brain Stimulation Market by Value

## **5. IMPACT OF COVID-19**

5.1 Impact of COVID-19 on Global Deep Brain Stimulation Market

5.2 Post COVID-19 Impact on Global Deep Brain Stimulation Market

## **6. MARKET DYNAMICS**

6.1 Growth Drivers

6.1.1 Increase in the Global Geriatric Population

6.1.2 Growing Healthcare Expenditure

6.1.3 Increasing Prevalence of Neurological Disorders

6.1.4 Expanding Indications for DBS

6.1.5 Increasing Demand for Minimally Invasive Surgery

6.1.6 Growing Awareness and Acceptance

6.1.7 Regulatory Approvals and Funding

6.2 Challenges

6.2.1 High Cost of Treatment

6.2.2 Risks Associated with Deep Brain Stimulation

6.2.3 Presence of Alternative Procedures

6.3 Market Trends

6.3.1 Telemedicine: Remote Programming

6.3.2 Automated Deep Brain Stimulation

6.3.3 Closed-Loop Deep Brain Stimulation

6.3.4 Rechargeable Devices with Longer Battery Life

6.3.5 Tapping Into Emerging Markets

6.3.6 Miniaturized DBS Devices

## **7. COMPETITIVE LANDSCAPE**

7.1 Global Deep Brain Stimulation Market: Competitive Landscape

7.2 Global Deep Brain Stimulation Market Players: Product Comparison

## **8. COMPANY PROFILES**

### 8.1 Abbott

8.1.1 Business Overview

8.1.2 Operating Segments

8.1.3 Business Strategies

### 8.2 Medtronic plc

8.2.1 Business Overview

8.2.2 Operating Segments

8.2.3 Business Strategy

### 8.3 Boston Scientific Corporation

8.3.1 Business Overview

8.3.2 Operating Segments

8.3.3 Business Strategy

### 8.4 Renishaw plc

8.4.1 Business Overview

8.4.2 Operating Segments

8.4.3 Business Strategy

### 8.5 Zimmer Biomet

8.5.1 Business Overview

8.5.2 Operating Segments

8.5.3 Business Strategy

### 8.6 Aleva Neurotherapeutics

8.6.1 Business Overview

8.6.2 Business Strategy

### 8.7 Newronika

8.7.1 Business Overview

8.7.2 Business Strategy

### 8.8 SceneRay Co., Ltd.

8.8.1 Business Overview

## **12. LIST OF FIGURES**

Figure 1: Deep Brain Stimulation Process for Parkinson's and Essential Tremor

Figure 2: Deep Brain Stimulation Segmentation

Figure 3: Global Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Billion)

Figure 4: Global Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Billion)

Figure 5: Global Deep Brain Stimulation Market by Product; 2023 (Percentage, %)

Figure 6: Global Deep Brain Stimulation Market by Application; 2023 (Percentage, %)

Figure 7: Global Deep Brain Stimulation Market by End Use; 2023 (Percentage, %)

Figure 8: Global Deep Brain Stimulation Market by Region; 2023 (Percentage, %)

Figure 9: Global Dual Channel Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 10: Global Dual Channel Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Billion)

Figure 11: Global Single Channel Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 12: Global Single Channel Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 13: Global Parkinson's Disease Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 14: Global Parkinson's Disease Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Billion)

Figure 15: Global Essential Tremor Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 16: Global Essential Tremor Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 17: Global Dystonia Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 18: Global Dystonia Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 19: Global Epilepsy Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 20: Global Epilepsy Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 21: Global Others Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 22: Global Others Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 23: Global Hospitals Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 24: Global Hospitals Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 25: Global Neurology Clinics Deep Brain Stimulation Market by Value;

2020-2023 (US\$ Million)

Figure 26: Global Neurology Clinics Deep Brain Stimulation Market by Value;

2024-2029 (US\$ Million)

Figure 27: Global Ambulatory Surgical Clinics Deep Brain Stimulation Market by Value;

2020-2023 (US\$ Million)

Figure 28: Global Ambulatory Surgical Clinics Deep Brain Stimulation Market by Value;

2024-2029 (US\$ Million)

Figure 29: Global Research Centers Deep Brain Stimulation Market by Value;

2020-2023 (US\$ Million)

Figure 30: Global Research Centers Deep Brain Stimulation Market by Value;

2024-2029 (US\$ Million)

Figure 31: North America Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 32: North America Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 33: North America Deep Brain Stimulation Market by Product; 2023 (Percentage, %)

Figure 34: North America Dual Channel and Single Channel Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 35: North America Dual Channel and Single Channel Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 36: North America Deep Brain Stimulation Market by Application; 2023 (Percentage, %)

Figure 37: North America Deep Brain Stimulation Market Application by Value; 2020-2023 (US\$ Million)

Figure 38: North America Deep Brain Stimulation Market Application by Value; 2024-2029 (US\$ Million)

Figure 39: North America Deep Brain Stimulation Market by End Use; 2023 (Percentage, %)

Figure 40: North America Deep Brain Stimulation Market End Use by Value; 2020-2023 (US\$ Million)

Figure 41: North America Deep Brain Stimulation Market End Use by Value; 2024-2029 (US\$ Million)

Figure 42: North America Deep Brain Stimulation Market by Region; 2023 (Percentage, %)

Figure 43: The US Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 44: The US Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 45: Canada Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 46: Canada Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 47: Mexico Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 48: Mexico Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 49: Europe Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 50: Europe Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 51: Europe Deep Brain Stimulation Market by Region; 2023 (Percentage, %)

Figure 52: Germany Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 53: Germany Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 54: UK Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 55: UK Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 56: France Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 57: France Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 58: Italy Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 59: Italy Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 60: Spain Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 61: Spain Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 62: Rest of Europe Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 63: Rest of Europe Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 64: Asia Pacific Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 65: Asia Pacific Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 66: Asia Pacific Deep Brain Stimulation Market by Region; 2023 (Percentage, %)

Figure 67: China Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 68: China Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 69: Japan Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 70: Japan Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 71: India Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 72: India Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 73: South Korea Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 74: South Korea Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 75: Rest of Asia Pacific Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Figure 76: Rest of Asia Pacific Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 77: Rest of the World Deep Brain Stimulation Market by Value; 2020-2023 (US\$ Million)

Million)

Figure 78: Rest of the World Deep Brain Stimulation Market by Value; 2024-2029 (US\$ Million)

Figure 79: Global Percentage of Population Aged 65 Years Or Over; 2022, 2030 & 2050 (Percentage, %)

Figure 80: Health Expenditure per capita by Countries; 2021 and 2022 (US\$ per capita)

Figure 81: Abbott Sales by Segments; 2023 (Percentage, %)

Figure 82: Medtronic plc Net Sales by Segment: 2023 (Percentage, %)

Figure 83: Boston Scientific Corp. Net Sales by Segment: 2023 (Percentage, %)

Figure 84: Renishaw plc Revenue by Segment: 2023 (Percentage, %)

Figure 85: Zimmer Biomet Net Sales by Segment: 2023 (Percentage, %)

Table 1: Comparison of Deep Brain Stimulation and Lesioning Procedures

Table 2: Global Deep Brain Stimulation Market Players by Product Comparison

## I would like to order

Product name: Global Deep Brain Stimulation Market: Analysis By Product (Dual Channel and Single Channel), By Application (Parkinson's Disease, Essential Tremor, Dystonia, Epilepsy and Others), By End Use (Hospitals, Neurology Clinics, Ambulatory Surgical Clinics and Research Centers), By Region Size and Trends with Impact of COVID-19 and Forecast up to 2029

Product link: <https://marketpublishers.com/r/GFCA4C065977EN.html>

Price: US\$ 2,250.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GFCA4C065977EN.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