

Asia Pacific Deep Brain Simulation Market Forecast to 2030 - Regional Analysis - by Product (Single Channel Deep Brain Stimulator, Dual Channel Deep Brain Stimulator, and Software and Accessories), Application (Parkinson's Disease, Tremor, Dystonia, Epilepsy, Alzheimer's Disease, and Others), and End User (Hospitals, Neurology Clinics, Ambulatory Surgical Centers, and Others)

<https://marketpublishers.com/r/A6D3AFB86469EN.html>

Date: October 2023

Pages: 91

Price: US\$ 3,000.00 (Single User License)

ID: A6D3AFB86469EN

Abstracts

The Asia Pacific deep brain simulation market is expected to grow from US\$ 98.35 million in 2022 to US\$ 188.04 million by 2030. It is estimated to grow at a CAGR of 8.4% from 2022 to 2030.

Technological Advancements and Approvals in Deep Brain Stimulation Drive Asia Pacific Deep Brain Simulation Market

Robotic implantation, multi-target stimulation, improved microelectrode designs, rechargeable pulse generators, and personalized, targeted programming are among the technological advancements in deep brain stimulation (DBS). Owing to these advancements, DBS devices show fewer side effects and improved efficacy and symptom relief in Parkinson's patients compared to traditional methods. Abbott's Infinity Deep Brain Stimulation System is a technologically advanced new DBS that helps the patients manage their symptoms. It is the first wireless iOS software DBS mobile platform that has offered efficient and personalized therapy management with reduced risk of side effects. According to the MGM Healthcare press release published in February 2020, MGM Healthcare, Tamil Nadu, performed its first deep brain stimulation

(DBS) for obsessive-compulsive disorder (OCD). Therefore, technological advancements in DBS are expected to create opportunities for the Asia Pacific deep brain stimulation market during the forecast period.

Asia Pacific Deep Brain Simulation Market Overview

China is home to the world's largest population of older adults. According to a study published in *The Lancet* titled "China's Aging Population: Crisis or Opportunity?" in 2019, people in China aged 60 or older were ~254 million. By 2040, that number is expected to rise to 402 million, ~28% of the population. These changes have profound public health implications in the country as the risk and burden of noncommunicable diseases increase along with the demand for health and social care systems. Parkinson's disease (PD) is a common neurodegenerative disease in the country. According to *ChinaDaily*, there were approximately 4 million Parkinson's patients in China as of February 2023, and ~1.7% of people over 65 years have been diagnosed with the disease. According to a study discussed in the *Journal of Health, Population, and Nutrition*, the number of people with Alzheimer's disease in China is ~6 million, with dementia rates among 65-, 75-, and 85-year-olds being 5%, 11.5%, and 30%, respectively. Deep brain stimulation (DBS) of the subthalamic nucleus (STN) is effective in the treatment of Parkinson's disease (PD). With advancements in DBS hardware, researchers have developed several novel programming technologies, of which remote programming is widely used in China. Since 2018, we have been performing remote programming for patients suffering from PD using PINS products (PINS Medical, Ltd., Beijing, China). For patients with advanced Parkinson's disease (over a 15-year time horizon), DBS is considered to be a highly effective treatment option. However, DBS remains a significant economic burden on the patient when not reimbursed, unlike in any other developed country. In China, the surgery cost is mainly covered by the patient's health insurance, but the cost of DBS hardware is only partially covered, which can hamper the growth of the market in the country.

Asia Pacific Deep Brain Simulation Market Revenue and Forecast to 2030 (US\$ Million)

Asia Pacific Deep Brain Simulation Market Segmentation

The Asia Pacific deep brain simulation market is segmented into product, application, end user, and country.

Based on product, the Asia Pacific deep brain simulation market is segmented into single channel deep brain stimulator, dual channel deep brain stimulator, and software

and accessories. In 2022, the dual channel deep brain stimulator segment registered the largest share in the Asia Pacific deep brain simulation market.

Based on application, the Asia Pacific deep brain simulation market is segmented into Parkinson's disease, tremor, dystonia, epilepsy, Alzheimer's disease, and others. In 2022, the Parkinson's disease segment registered the largest share in the Asia Pacific deep brain simulation market.

Based on end user, the Asia Pacific deep brain simulation market is segmented into hospitals, neurology clinics, ambulatory surgical centers, and others. In 2022, the hospitals segment registered the largest share in the Asia Pacific deep brain simulation market.

Based on country, the Asia Pacific deep brain simulation market is segmented into China, Japan, India, South Korea, Australia, and the Rest of Asia Pacific. In 2022, China segment registered the largest share in the Asia Pacific deep brain simulation market.

Abbott Laboratories, Beijing PINS Medical Co Ltd, Boston Scientific Corp, Medtronic Plc, and SceneRay Co Ltd are some of the leading companies operating in the Asia Pacific deep brain simulation market.

Contents

1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights
- 2.2 Asia Pacific Deep Brain Stimulation Market, by Region (US\$ Million)

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. ASIA PACIFIC DEEP BRAIN SIMULATION MARKET LANDSCAPE

- 4.1 Overview
- 4.2 Asia Pacific PEST Analysis
- 4.3 Comparison Analysis
 - 4.3.1 Comparison of Deep Brain Stimulation and Lesioning Procedures
 - 4.3.2 Lesioning Procedures in Neurological Disorders
 - 4.3.3 Asia Pacific Deep Brain Stimulation Surgical Procedures Performed in 2022, By Country

5. ASIA PACIFIC DEEP BRAIN SIMULATION MARKET - KEY INDUSTRY DYNAMICS

- 5.1 Key Market Drivers:
 - 5.1.1 Rising Prevalence of Neurological Disorders
 - 5.1.2 Demand for Minimally Invasive Surgery
- 5.2 Market Restraints
 - 5.2.1 Side Effects Associated with Deep Brain Stimulation
- 5.3 Market Opportunities
 - 5.3.1 Technological Advancements and Approvals in Deep Brain Stimulation
- 5.4 Future Trends

- 5.4.1 Growing Research and Development Activities
- 5.5 Impact Analysis

6. DEEP BRAIN SIMULATION MARKET – ASIA PACIFIC MARKET ANALYSIS

- 6.1 Asia Pacific Deep Brain Simulation Market Revenue (US\$ Mn), 2022 – 2030

7. ASIA PACIFIC DEEP BRAIN SIMULATION MARKET – REVENUE AND FORECAST TO 2030 – BY PRODUCT

- 7.1 Overview
- 7.2 Asia Pacific Deep Brain Simulation Market Revenue Share, by Product 2022 & 2030 (%)
- 7.3 Single Channel Deep Brain Stimulator
 - 7.3.1 Overview
 - 7.3.2 Single Channel Deep Brain Stimulator: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)
- 7.4 Dual Channel Deep Brain Stimulator
 - 7.4.1 Overview
 - 7.4.2 Dual Channel Deep Brain Stimulator: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)
- 7.5 Software and Accessories
 - 7.5.1 Overview
 - 7.5.2 Software and Accessories: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)

8. ASIA PACIFIC DEEP BRAIN SIMULATION MARKET – REVENUE AND FORECAST TO 2030 – BY APPLICATION

- 8.1 Overview
- 8.2 Asia Pacific Deep Brain Simulation Market Revenue Share, by Application 2022 & 2030 (%)
- 8.3 Parkinson's Disease
 - 8.3.1 Overview
 - 8.3.2 Parkinson's Disease: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)
- 8.4 Tremor
 - 8.4.1 Overview
 - 8.4.2 Tremor: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to

2030 (US\$ Million)

8.5 Alzheimer's Disease

8.5.1 Overview

8.5.2 Alzheimer's Disease: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)

8.6 Dystonia

8.6.1 Overview

8.6.2 Dystonia: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)

8.7 Epilepsy

8.7.1 Overview

8.7.2 Epilepsy: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)

8.8 Others

8.8.1 Overview

8.8.2 Others: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)

9. ASIA PACIFIC DEEP BRAIN SIMULATION MARKET – REVENUE AND FORECAST TO 2030 – BY END USER

9.1 Overview

9.2 Asia Pacific Deep Brain Simulation Market Revenue Share, by End User 2022 & 2030 (%)

9.3 Hospitals

9.3.1 Overview

9.3.2 Hospitals: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)

9.4 Neurology Clinics

9.4.1 Overview

9.4.2 Neurology Clinics: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)

9.5 Ambulatory Surgical Centers

9.5.1 Overview

9.5.2 Ambulatory Surgical Centers: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)

9.6 Others

9.6.1 Overview

9.6.2 Others: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to

2030 (US\$ Million)

10. ASIA PACIFIC DEEP BRAIN SIMULATION MARKET - COUNTRY ANALYSIS

10.1 Overview

10.1.1.1 Asia Pacific Deep Brain Simulation Market by Country

10.1.1.2 China

10.1.1.2.1 Overview

10.1.1.2.2 China Deep Brain Simulation Market Revenue and Forecast to 2030

(US\$ Mn)

10.1.1.2.3 China Deep Brain Simulation Market, by Product

10.1.1.2.4 China Deep Brain Simulation Market, by Application

10.1.1.2.5 China Deep Brain Simulation Market, by End User

10.1.1.3 Japan

10.1.1.3.1 Overview

10.1.1.3.2 Japan Deep Brain Simulation Market Revenue and Forecast to 2030

(US\$ Mn)

10.1.1.3.3 Japan Deep Brain Simulation Market, by Product

10.1.1.3.4 Japan Deep Brain Simulation Market, by Application

10.1.1.3.5 Japan Deep Brain Simulation Market, by End User

10.1.1.4 India

10.1.1.4.1 Overview

10.1.1.4.2 India Deep Brain Simulation Market Revenue and Forecast to 2030 (US\$

Mn)

10.1.1.4.3 India Deep Brain Simulation Market, by Product

10.1.1.4.4 India Deep Brain Simulation Market, by Application

10.1.1.4.5 India Deep Brain Simulation Market, by End User

10.1.1.5 Australia

10.1.1.5.1 Overview

10.1.1.5.2 Australia Deep Brain Simulation Market Revenue and Forecast to 2030

(US\$ Mn)

10.1.1.5.3 Australia Deep Brain Simulation Market, by Product

10.1.1.5.4 Australia Deep Brain Simulation Market, by Application

10.1.1.5.5 Australia Deep Brain Simulation Market, by End User

10.1.1.6 South Korea

10.1.1.6.1 Overview

10.1.1.6.2 South Korea Deep Brain Simulation Market Revenue and Forecast to

2030 (US\$ Mn)

10.1.1.6.3 South Korea Deep Brain Simulation Market, by Product

- 10.1.1.6.4 South Korea Deep Brain Simulation Market, by Application
- 10.1.1.6.5 South Korea Deep Brain Simulation Market, by End User
- 10.1.1.7 Rest of Asia Pacific
 - 10.1.1.7.1 Overview
 - 10.1.1.7.2 Rest of Asia Pacific Deep Brain Simulation Market Revenue and Forecast to 2030 (US\$ Mn)
 - 10.1.1.7.3 Rest of Asia Pacific Deep Brain Simulation Market, by Product
 - 10.1.1.7.4 Rest of Asia Pacific Deep Brain Simulation Market, by Application
 - 10.1.1.7.5 Rest of Asia Pacific Deep Brain Simulation Market, by End User

11. PRE & POST COVID-19 IMPACT

- 11.1 Pre & Post Covid-19 Impact

12. ASIA PACIFIC DEEP BRAIN SIMULATION MARKET INDUSTRY LANDSCAPE

- 12.1 Overview
- 12.2 Growth Strategies in Deep Brain Stimulation Market
- 12.3 Organic Growth Strategies
 - 12.3.1 Overview
- 12.4 Inorganic Growth Strategies
 - 12.4.1 Overview

13. DEEP BRAIN SIMULATION MARKET, KEY COMPANY PROFILES

- 13.1 Abbott Laboratories
 - 13.1.1 Key Facts
 - 13.1.2 Business Description
 - 13.1.3 Products and Services
 - 13.1.4 Financial Overview
 - 13.1.5 SWOT Analysis
 - 13.1.6 Key Developments
- 13.2 Medtronic Plc
 - 13.2.1 Key Facts
 - 13.2.2 Business Description
 - 13.2.3 Products and Services
 - 13.2.4 Financial Overview
 - 13.2.5 SWOT Analysis
 - 13.2.6 Key Developments

13.3 Beijing PINS Medical Co Ltd

13.3.1 Key Facts

13.3.2 Business Description

13.3.3 Products and Services

13.3.4 Financial Overview

13.3.5 SWOT Analysis

13.3.6 Key Developments

13.4 Boston Scientific Corp

13.4.1 Key Facts

13.4.2 Business Description

13.4.3 Products and Services

13.4.4 Financial Overview

13.4.5 SWOT Analysis

13.4.6 Key Developments

13.5 SceneRay Co Ltd

13.5.1 Key Facts

13.5.2 Business Description

13.5.3 Products and Services

13.5.4 Financial Overview

13.5.5 SWOT Analysis

13.5.6 Key Developments

14. APPENDIX

14.1 About Us

14.2 Glossary of Terms

List Of Tables

LIST OF TABLES

Table 1. Asia Pacific Deep Brain Simulation Market Segmentation

Table 2. Comparison of Deep Brain Stimulation and Lesioning Procedures

Table 3. Asia Pacific Deep Brain Stimulation Surgical Procedures Performed in 2022, by Country.

Table 4. China Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn)
– Product

Table 5. China Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn)
– Application

Table 6. China Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn)
– End User

Table 7. Japan Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn)
– Product

Table 8. Japan Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn)
– Application

Table 9. Japan Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn)
– End User

Table 10. India Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn)
– Product

Table 11. India Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn)
– Application

Table 12. India Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn)
– End User

Table 13. Australia Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn) – Product

Table 14. Australia Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn) – Application

Table 15. Australia Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn) – End User

Table 16. South Korea Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn) – Product

Table 17. South Korea Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn) – Application

Table 18. South Korea Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn) – End User

Table 19. Rest of Asia Pacific Deep Brain Simulation Market Revenue And Forecast to

2030 (US\$ Mn) – Product

Table 20. Rest of Asia Pacific Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn) – Application

Table 21. Rest of Asia Pacific Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn) – End User

Table 22. Recent Organic Growth Strategies in Deep Brain Stimulation Market

Table 23. Recent Inorganic Growth Strategies in the Asia Pacific deep brain simulation market

Table 24. Glossary of Terms, Asia Pacific Deep Brain Simulation Market

List Of Figures

LIST OF FIGURES

- Figure 1. Asia Pacific Deep Brain Simulation Market Segmentation, By Country
- Figure 2. Asia Pacific - PEST Analysis
- Figure 3. Asia Pacific Deep Brain Simulation Market - Key Industry Dynamics
- Figure 4. Impact Analysis of Drivers and Restraints
- Figure 5. Asia Pacific Deep Brain Simulation Market Revenue (US\$ Mn), 2022 – 2030
- Figure 6. Asia Pacific Deep Brain Simulation Market Revenue Share, by Product 2022 & 2030 (%)
- Figure 7. Single Channel Deep Brain Stimulator: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)
- Figure 8. Dual Channel Deep Brain Stimulator: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)
- Figure 9. Software and Accessories: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)
- Figure 10. Asia Pacific Deep Brain Simulation Market Revenue Share, by Application 2022 & 2030 (%)
- Figure 11. Parkinson's Disease: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)
- Figure 12. Tremor: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)
- Figure 13. Alzheimer's Disease: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)
- Figure 14. Dystonia: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)
- Figure 15. Epilepsy: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)
- Figure 16. Others: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)
- Figure 17. Asia Pacific Deep Brain Simulation Market Revenue Share, by End User 2022 & 2030 (%)
- Figure 18. Hospitals: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)
- Figure 19. Neurology Clinics: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)
- Figure 20. Ambulatory Surgical Centers: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 21. Others: Asia Pacific Deep Brain Simulation Market – Revenue and Forecast to 2030 (US\$ Million)

Figure 22. Asia Pacific Deep Brain Simulation Market, By Country, 2022 (\$Mn)

Figure 23. Asia Pacific Deep Brain Simulation Market, By Key Countries, 2022 And 2030 (%)

Figure 24. China Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn)

Figure 25. Japan Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn)

Figure 26. India Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn)

Figure 27. Australia Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn)

Figure 28. South Korea Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn)

Figure 29. Rest of Asia Pacific Deep Brain Simulation Market Revenue And Forecast to 2030 (US\$ Mn)

Figure 30. Pre & Post Covid-19 Impact

Figure 31. Growth Strategies in Deep Brain Stimulation Market

I would like to order

Product name: Asia Pacific Deep Brain Simulation Market Forecast to 2030 - Regional Analysis - by Product (Single Channel Deep Brain Stimulator, Dual Channel Deep Brain Stimulator, and Software and Accessories), Application (Parkinson's Disease, Tremor, Dystonia, Epilepsy, Alzheimer's Disease, and Others), and End User (Hospitals, Neurology Clinics, Ambulatory Surgical Centers, and Others)

Product link: <https://marketpublishers.com/r/A6D3AFB86469EN.html>

Price: US\$ 3,000.00 (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/A6D3AFB86469EN.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