

# Stereotactic Surgery Devices - Market Insights, Competitive Landscape and Market Forecast-2026

<https://marketpublishers.com/r/SAED7A55CFD5EN.html>

Date: January 2022

Pages: 100

Price: US\$ 4,750.00 (Single User License)

ID: SAED7A55CFD5EN

## Abstracts

This report can be delivered to the clients within 7-10 Business Days

Stereotactic Surgery Devices Market By Product Type (Gamma Knife, Linear Particle Accelerators, Proton Therapy Systems, And Stereotactic Systems), By End User (Hospitals, Ambulatory Surgical Centers, And Others), and by geography is expected to grow at a steady CAGR forecast till 2026 owing to increasing prevalence of various cancers and movement disorders such as parkinson's disease

Global Stereotactic Surgery Devices Market is projected to grow at a 5.37% CAGR during the forecast period from 2021 to 2026. The demand for stereotactic surgery devices is primarily witnessing an increase due to the rising incidence of various cancers such as brain cancers, increasing prevalence of movement disorders such as Parkinson's disease, growing popularity of minimally invasive stereotactic radiosurgery and radiotherapy, and innovation in product development thereby contributing in the growth of the stereotactic surgery devices market during the forecast period from 2021-2026.

Stereotactic Surgery Devices Market Dynamics:

One of the key factors influencing the growth of the stereotactic surgery devices market is the increase in the incidence of brain and spinal cord cancers. For instance, the data provided in the GLOBOCAN study by the International Agency for Research on Cancer and the World Health Organization, in 2020, there were about 308102 new cases of brain and central nervous system cancers across the globe. Brain tumors can be deadly in nature and are often treated with stereotactic surgery which makes use of linear particle accelerators, proton beam therapy among others. Therefore, the increase in the

incidence of brain and CNS cancers is projected to result in the growing demand for stereotactic surgery products, thereby contributing in the growth of the stereotactic surgery devices market during the forecast period from 2021-2026.

Moreover, the rising prevalence of movement disorders such as Parkinson's disease is also driving the demand for stereotactic surgery devices in the market. As per the data provided by the International Parkinson and Movement Disorders Society, in 2020, it was estimated that approximately 9.4 million people suffered from Parkinson's disease globally. This was reported to be higher than the previously reported six million cases in 2016. Stereotactic radiosurgery is considered as the choice of treatment in patients with complaints of tremors associated with movement disorders wherein pharmacological management has not been beneficial in controlling the symptoms. Therefore, this may indicate that the growing patient population of Parkinson's disease may result in the higher demand for stereotactic surgery devices thereby boosting the stereotactic surgery devices market growth during the forecast period (2021-2026).

Moreover, advantages associated with these devices such as targeting of surgically inaccessible lesions is further expected to aid in the growth of the global stereotactic surgery devices market.

However, stringent regulatory requirements for product approvals and high cost of the devices may restrict the stereotactic surgery devices market growth.

In addition to the previously mentioned factors, the stereotactic surgery devices market witnessed a period of temporary setback owing to the imposing of the lockdown restrictions as necessary measures to contain the COVID-19 spread. One of the major steps during this was the categorization of medical procedures based on urgency and the suspension of numerous elective procedures and outpatient consultations which reduced the demand for stereotactic surgery devices in the market as the healthcare system guidelines across the globe temporarily focused all their efforts on the management of COVID-19 patient load during the initial lockdown period, thereby limiting the market growth for a short time. Nevertheless, the market for stereotactic surgery devices is in the recovery phase with the resumption of activities across various arenas including healthcare services owing to the approval and administration of numerous COVID-19 vaccines across the globe, thereby presenting a positive future outlook for the stereotactic surgery devices market during the forecast period.

**Stereotactic Surgery Devices Market Segment Analysis:**

Stereotactic Surgery Devices Market by Product Type (Gamma Knife, Linear Particle Accelerators, Proton Therapy Systems, and Stereotactic Systems), by End User (Hospitals, Ambulatory Surgical Centers, and Others), and by Geography (North America, Europe, Asia-Pacific, and Rest of the World)

In the product segment of the stereotactic surgery devices market, the linear particle accelerators product category is expected to account for a significant revenue share during the forecast period. This can be ascribed to their advantageous features of the devices such as the higher accuracy of the field of irradiation, a uniform radiation field for larger lesions, higher radiation energy, more versatile settings for different collimator sizes, and possibility of the LINAC devices being more affordable technologies compared to other product types. Furthermore, linear accelerators also help in the radio surgical treatment of the extra cranial lesions.

Therefore, the advantages offered by the LINACs in stereotactical radiosurgery and radiotherapy treatments are predicted to contribute in the increasing demand for the LINACs thereby driving the growth of the overall stereotactic surgery devices market during the forecast period.

North America is expected to dominate the Overall Stereotactic Surgery Devices Market:

Among all the regions, North America is expected to account for the largest share in the stereotactic surgery devices market. Owing to key growth factors such as rising prevalence of cancers such as lung cancer, increasing number of cases associated with trigeminal neuralgia, and rising government initiatives regarding disease treatment awareness, the North America Stereotactic Surgery Devices Market is slated to register positive growth. Moreover, sophisticated healthcare infrastructure, high disposable income, new product approvals, and increased awareness have also been influential factors in the market growth in this region.

One of the key factors driving the growth of the United States stereotactic surgery devices market is the rising prevalence of various cancers such as lung cancer. According to the data provided by the American Cancer Society, in 2021, approximately 235,760 new cases of lung cancer and approximately 131,880 deaths from lung cancer are estimated to occur in the country. Stereotactic radiosurgery is recommended treatment method for lung cancer in patients who cannot have surgery because of age, lung disease, or heart disease. Therefore, the presence of large patient population suffering from lung cancer correlates to the more people opting for stereotactic

radiosurgery due to its minimally invasive nature which would in turn influence the demand for stereotactic surgery devices, thereby resulting in growing product demand supporting the growth of the United States stereotactic surgery devices market.

Moreover, according to the data provided by National Organization, trigeminal neuralgia near about 10,000-15,000 new cases occur each year in the United States even though the exact incidence is unknown. Trigeminal neuralgia is a form of neuropathic pain and can be extremely debilitating for patients. As per the International Radio Surgery Association, between 50 and 78 percent of people with TN who are treated with Gamma Knife radiosurgery report 'excellent' pain relief within a few weeks following the procedure. Therefore, the positive effect of stereotactic surgery in the treatment of trigeminal neuralgia is expected to contribute to the demand for stereotactic surgery devices in the United States, thereby boosting the growth of the United States stereotactic surgery devices market as well as the North America stereotactic surgery devices market during the forecast period.

#### Stereotactic Surgery Devices Market Key Players:

Some of the key market players operating in the stereotactic surgery devices market includes Elekta AB, Accuray Incorporated, Ion Beam Applications S.A., Mevion Medical Systems, Varian Medical Systems, Inc (Siemens Healthineers), inomed Medizintechnik GmbH, adeor medical AG, Bramsys Indústria e Comércio Ltda., Micromar Indústria e Comércio Ltda., Mizuho Medical Co. Ltd., Shinva Medical Instrument Co., Ltd, Panacea Medical Technologies Pvt. Ltd., Sumitomo Heavy Industries, Ltd, Hitachi Co. Ltd, and others.

#### Recent Developmental Activities in Stereotactic Surgery Devices Market:

In October 2021, Ion Beam Applications SA announced the launch of the first online platform dedicated to proton therapy in the world.

In June 2021, NaviNetics Inc received the premarket product approval from the US Food and Drug Administration for their NaviNeticsD1 Stereotactic System.

In June 2021, Elekta AB received the product approval from the US FDA for their linear accelerator-based Elekta harmony radiation therapy system.

#### Key Takeaways from the Stereotactic Surgery Devices Market Report Study

? Market size analysis for current stereotactic surgery devices market size (2020), and market forecast for 5 years (2021-2026)

? The effect of the COVID-19 pandemic on this market is significant. To capture and analyze suitable indicators, our experts are closely watching the stereotactic surgery devices market.

? Top key product/services/technology developments, merger, acquisition, partnership, joint venture happened for last 3 years

? Key companies dominating the Global Stereotactic Surgery Devices Market.

? Various opportunities available for the other competitor in the Stereotactic Surgery Devices Market space.

? What are the top performing segments in 2020? How these segments will perform in 2026.

? Which is the top-performing regions and countries in the current stereotactic surgery devices market scenario?

? Which are the regions and countries where companies should have concentrated on opportunities for stereotactic surgery devices market growth in the coming future?

Target Audience who can be benefited from this Stereotactic Surgery Devices Market Report Study

? Stereotactic Surgery Devices products providers

? Research organizations and consulting companies

? Stereotactic Surgery Devices-related organizations, associations, forums, and other alliances

? Government and corporate offices

? Start-up companies, venture capitalists, and private equity firms

? Distributors and Traders dealing in stereotactic surgery devices

? Various End-users who want to know more about the Stereotactic Surgery Devices market and latest technological developments in the Stereotactic Surgery Devices market.

Frequently Asked Questions for Stereotactic Surgery Devices Market:

#### 1. What are Stereotactic Surgery Devices?

Stereotactic surgery devices are specific devices that are used in the performance of stereotactic radiosurgery and radiotherapy such as proton systems and LINACs.

#### 2. What is the market for Global Stereotactic Surgery Devices?

Global Stereotactic Surgery Devices Market is projected to grow at a 5.37% CAGR during the forecast period from 2021 to 2026.

#### 3. What are the drivers for Global Stereotactic Surgery Devices Market?

The demand for stereotactic surgery devices is primarily witnessing an increase due to the rising incidence of various cancers such as brain cancers, increasing prevalence of movement disorders such as Parkinson's disease, growing popularity of minimally invasive stereotactic radiosurgery and radiotherapy, and innovation in product development thereby contributing in the growth of the stereotactic surgery devices market during the forecast period from 2021-2026.

#### 4. Who are the key players operating in Global Stereotactic Surgery Devices Market?

Some of the key market players operating in the stereotactic surgery devices market includes Elekta AB, Accuray Incorporated, Ion Beam Applications S.A., Mevion Medical Systems, Varian Medical Systems, Inc (Siemens Healthineers), inomed Medizintechnik GmbH, adeor medical AG, Bramsys Indústria e Comércio Ltda., Micromar Indústria e Comércio Ltda, Mizuho Medical Co. Ltd., Shinva Medical Instrument Co., Ltd, Panacea Medical Technologies Pvt. Ltd., Sumitomo Heavy Industries, Ltd, Hitachi Co. Ltd, and others.

#### 5. Which region has the highest share in Stereotactic Surgery Devices market?

North America is expected to dominate the overall Stereotactic Surgery Devices market during the forecast period, 2021 to 2026. Owing to significant growth factors such as

rising prevalence peripheral nerve injuries due to the increasing prevalence of diabetes, hypertension, obesity, the aging population, rising prevalence of various types of cancers and rising government initiatives regarding disease treatment awareness, the North America Stereotactic Surgery Devices Market is expected to witness positive growth. Furthermore, high disposable income, sophisticated healthcare infrastructure, new product approvals, and increased awareness also propelled the market growth in this region.

## Contents

### **1. STEREOTACTIC SURGERY DEVICES MARKET REPORT INTRODUCTION**

### **2. STEREOTACTIC SURGERY DEVICES MARKET EXECUTIVE SUMMARY**

- 2.1 Scope of the Study
- 2.2 Market at Glance
- 2.3 Competitive Assessment
- 2.4 Financial Benchmarking

### **3. REGULATORY AND PATENT ANALYSIS**

- 3.1 The United States
- 3.2 Europe
- 3.3 Japan
- 3.4 China

### **4. STEREOTACTIC SURGERY DEVICES MARKET KEY FACTORS ANALYSIS**

- 4.1 Stereotactic Surgery Devices Market Drivers
  - 4.1.1 Rising Prevalence of Various Cancers
  - 4.1.2 Rising Prevalence of Movement Disorders such as Parkinson's Disease
  - 4.1.3 Growing Popularity of Stereotactic Surgical Procedures
  - 4.1.4 Technical Innovation in Product Development
- 4.2 Stereotactic Surgery Devices Market Restraints and Challenges
  - 4.2.1 Stringent Regulatory Requirements for Product Approvals
  - 4.2.2 High Cost of Devices
- 4.3 Stereotactic Surgery Devices Market Opportunities
  - 4.3.1 Untapped Potential of Emerging Markets
  - 4.3.2 Increasing Awareness Regarding Stereotactic Surgical Procedures

### **5. STEREOTACTIC SURGERY DEVICES MARKET PORTER'S FIVE FORCES ANALYSIS**

- 5.1 Bargaining Power of Suppliers
- 5.2 Bargaining Power of Consumers
- 5.3 Threat of New Entrants
- 5.4 Threat of Substitutes



## 5.5 Competitive Rivalry

# 6. COVID-19 IMPACT ANALYSIS ON STEREOTACTIC SURGERY DEVICES MARKET

## 7. STEREOTACTIC SURGERY DEVICES MARKET LAYOUT

### 7.1 By Product Type

7.1.1 Gamma Knife

7.1.2 LINACs

7.1.3 Proton Therapy Systems

7.1.4 Stereotactic Systems

### 7.2 By End User

7.2.1 Hospitals

7.2.2 Ambulatory Surgical Centers

7.2.3 Others

### 7.3. By Geography

7.3.1 North America

7.3.1.1 North America Stereotactic Surgery Devices Market, by Product Type

7.3.1.2 North America Stereotactic Surgery Devices Market, by End User

7.3.1.3 North America Stereotactic Surgery Devices Market, by Country

7.3.1.3.1 United States

7.3.1.3.2 Canada

7.3.1.3.3 Mexico

7.3.2 Europe

7.3.2.1 Europe Stereotactic Surgery Devices Market, by Product Type

7.3.2.2 Europe Stereotactic Surgery Devices Market, by End User

7.3.2.3 Europe Stereotactic Surgery Devices Market, by Country

7.3.2.3.1 France

7.3.2.3.2 Germany

7.3.2.3.3 United Kingdom

7.3.2.3.4 Italy

7.3.2.3.5 Spain

7.3.2.3.6 Russia

7.3.2.3.7 Rest of Europe

7.3.3 Asia-Pacific

7.3.3.1 Asia-Pacific Stereotactic Surgery Devices Market, by Product Type

7.3.3.2 Asia-Pacific Stereotactic Surgery Devices Market, by End User

7.3.3.3 Asia-Pacific Stereotactic Surgery Devices Market, by Country

- 7.3.3.3.1 China
- 7.3.3.3.2 Japan
- 7.3.3.3.3 India
- 7.3.3.3.4 Australia
- 7.3.3.3.5 South Korea
- 7.3.3.3.6 Rest of Asia Pacific
- 7.3.4 Rest of the World (RoW)
  - 7.3.4.1 RoW Stereotactic Surgery Devices Market, by Product Type
  - 7.3.4.2 RoW Stereotactic Surgery Devices Market, by End User
  - 7.3.4.3 RoW Stereotactic Surgery Devices Market, by Region
    - 7.3.4.3.1 Middle East
    - 7.3.4.3.2 Africa
    - 7.3.4.3.3 South America

## **8. STEREOTACTIC SURGERY DEVICES MARKET GLOBAL COMPANY SHARE ANALYSIS – KEY 3-5 COMPANIES**

## **9. STEREOTACTIC SURGERY DEVICES MARKET COMPANY AND PRODUCT PROFILES**

### 9.1 Elekta AB

- 9.1.1. Company Overview
- 9.1.2. Company Snapshot
- 9.1.3. Financial Overview
- 9.1.4 Product Listing
- 9.1.5. Entropy

### 9.2 Accuray Incorporated

- 9.2.1. Company Overview
- 9.2.2. Company Snapshot
- 9.2.3. Financial Overview
- 9.2.4 Product Listing
- 9.2.5. Entropy

### 9.3 Ion Beam Applications S.A.

- 9.3.1. Company Overview
- 9.3.2. Company Snapshot
- 9.3.3. Financial Overview
- 9.3.4 Product Listing
- 9.3.5. Entropy

### 9.4 Mevion Medical Systems

- 9.4.1. Company Overview
- 9.4.2. Company Snapshot
- 9.4.3. Financial Overview
- 9.4.4 Product Listing
- 9.4.5. Entropy
- 9.5 Varian Medical Systems, Inc (Siemens Healthineers)
  - 9.5.1. Company Overview
  - 9.5.2. Company Snapshot
  - 9.5.3. Financial Overview
  - 9.5.4 Product Listing
  - 9.5.5. Entropy
- 9.6 inomed Medizintechnik GmbH
  - 9.6.1. Company Overview
  - 9.6.2. Company Snapshot
  - 9.6.3. Financial Overview
  - 9.6.4 Product Listing
  - 9.6.5. Entropy
- 9.7 adeor medical AG
  - 9.7.1. Company Overview
  - 9.7.2. Company Snapshot
  - 9.7.3. Financial Overview
  - 9.7.4 Product Listing
  - 9.7.5. Entropy
- 9.8 Bramsys Indústria e Comércio Ltda
  - 9.8.1. Company Overview
  - 9.8.2. Company Snapshot
  - 9.8.3. Financial Overview
  - 9.8.4 Product Listing
  - 9.8.5. Entropy
- 9.9 Micromar Ind. E Com. LTDA
  - 9.9.1. Company Overview
  - 9.9.2. Company Snapshot
  - 9.9.3. Financial Overview
  - 9.9.4 Product Listing
  - 9.9.5. Entropy
- 9.10 Mizuho Medical Co. Ltd.
  - 9.10.1. Company Overview
  - 9.10.2. Company Snapshot
  - 9.10.3. Financial Overview

9.10.4 Product Listing

9.10.5. Entropy

9.11 Shinva Medical Instrument co.,ltd

9.11.1. Company Overview

9.11.2. Company Snapshot

9.11.3. Financial Overview

9.11.4 Product Listing

9.11.5. Entropy

9.12 Panacea Medical Technologies Pvt. Ltd.

9.12.1. Company Overview

9.12.2. Company Snapshot

9.12.3. Financial Overview

9.12.4 Product Listing

9.12.5. Entropy

9.13 Panacea Medical Technologies Pvt. Ltd.

9.13.1. Company Overview

9.13.2. Company Snapshot

9.13.3. Financial Overview

9.13.4 Product Listing

9.13.5. Entropy

9.14 Hitachi Co. Ltd,

9.14.1. Company Overview

9.14.2. Company Snapshot

9.14.3. Financial Overview

9.14.4 Product Listing

9.14.5. Entropy

## **10. KOL VIEWS**

## **11. PROJECT APPROACH**

## **12. ABOUT DELVEINSIGHT**

## **13. DISCLAIMER & CONTACT US**

## I would like to order

Product name: Stereotactic Surgery Devices - Market Insights, Competitive Landscape and Market Forecast-2026

Product link: <https://marketpublishers.com/r/SAED7A55CFD5EN.html>

Price: US\$ 4,750.00 (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/SAED7A55CFD5EN.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

