

Global Neurosurgical Prosthesis Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G4F2CE319CBEEN.html>

Date: June 2026

Pages: 132

Price: US\$ 4,480.00 (Single User License)

ID: G4F2CE319CBEEN

Abstracts

The global Neurosurgical Prosthesis market size is expected to reach \$ 27270 million by 2032, rising at a market growth of 4.9% CAGR during the forecast period (2026-2032).

Neurosurgical Prosthesis refers to a class of implantable medical devices or those that directly interact with the nervous system, designed to replace, repair, or enhance neurological functions impaired by trauma, disease, or congenital defects. According to academic definitions, a neuroprosthesis is an implantable medical device that restores sensory, motor, or autonomic functions through electrical stimulation of the nervous system or recording of neural signals. This term encompasses a wide range of clinical applications, including cochlear implants that restore hearing through electrical stimulation of the auditory nerve, deep brain stimulation systems for neuromodulation in Parkinson's disease, and motor function restoration devices for patients with spinal cord injury. Implantable neuroprostheses include two main product forms: active implants such as neurostimulators that require an external power source, and passive implants such as cranial repair prostheses that do not rely on external power. The U.S. FDA classifies these high-risk implantable devices as Class III medical devices, requiring the most stringent premarket approval processes. From a material system perspective, Neurosurgical Prostheses cover three major categories: metal-based, ceramic-based, and polymer-based, with titanium alloys widely used in cranial repair due to their excellent biocompatibility and plasticity, while polymer materials such as PEEK are emerging as novel choices due to their chemical stability and thermal insulation properties.

Market Development Opportunities and Key Drivers

The number of patients with neurological disorders worldwide has exceeded one billion, with the rapid aging of the population further driving up the incidence of central nervous system diseases. The high prevalence of cardiovascular diseases, osteoarthritis, and neurodegenerative disorders directly fuels demand for implantable neuromodulation devices and orthopedic prostheses. The deep integration of artificial intelligence and IoT technologies is making smart implants a direction for industry development, with next-generation products capable of remote monitoring and closed-loop regulation gradually entering clinical applications. The maturity of additive manufacturing technology has significantly reduced the production costs of personalized customized prostheses, providing a feasible solution for precise repair in patients with complex cranial defects.

Market Challenges and Risks

Although the Argus II retinal prosthesis received FDA humanitarian device exemption approval and achieved insurance reimbursement coverage, it ultimately exited the market due to insufficient patient recruitment and high manufacturing costs, demonstrating the market sustainability risk for rare disease indications. Physician acceptance of new surgical techniques constitutes another major barrier, with unfamiliar surgical procedures and lack of confidence in efficacy limiting the clinical adoption of innovative products, while the fact that half of Argus II implantation centers remain concentrated in Europe indicates geographical unevenness in technology diffusion. Regulatory compliance costs continue to rise, as implantable medical devices must undergo rigorous safety validation and long-term follow-up studies, posing severe challenges to the capital chains of startup companies.

Downstream Demand Trends

The spinal cord injury treatment field is demonstrating a commercialization pathway progressing from non-invasive to implantable approaches, with Onward Medical's strategy of first launching a transcutaneous stimulation product to establish clinical data and market trust before advancing its implantable system effectively reducing market entry risks. Bidirectional neuroprosthesis technology is becoming a frontier direction, not only reading motor intentions to control external devices but also transmitting sensory information back to the nervous system. The demand for absorbable materials is rising, with next-generation implants being safely absorbed by the body after completing their therapeutic function, avoiding secondary removal surgeries. The personalized medicine trend is driving growth in demand for customized prostheses, with 3D printing technology making it routine clinical practice to customize cranial and maxillofacial

prostheses based on patient anatomy.

Regional Trends

The North American market, supported by a mature medical device regulatory system, high healthcare expenditure, and dense concentration of industry leaders, remains the largest regional market globally. Medicare reimbursement coverage for innovative implantable devices provides payment security for product commercialization. The European market follows closely, with Germany, France, Italy and other countries establishing special funding mechanisms for innovative medical devices. The Asia-Pacific region is widely regarded as the most promising growth market, with the penetration rate of neuroprostheses such as cochlear implants and deep brain stimulation devices rising significantly as healthcare infrastructure continues to improve and chronic disease screening awareness increases.

This report studies the global Neurosurgical Prosthesis production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Neurosurgical Prosthesis and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Neurosurgical Prosthesis that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Neurosurgical Prosthesis total production and demand, 2021-2032, (Units)

Global Neurosurgical Prosthesis total production value, 2021-2032, (USD Million)

Global Neurosurgical Prosthesis production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global Neurosurgical Prosthesis consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: Neurosurgical Prosthesis domestic production, consumption, key domestic manufacturers and share

Global Neurosurgical Prosthesis production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global Neurosurgical Prosthesis production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Neurosurgical Prosthesis production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Neurosurgical Prosthesis market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Medtronic, Abbott, Boston Scientific, Stryker, LivaNova, Synapse Biomedical, Cochlear, MED-EL, Advanced Bionics, CorTec, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Neurosurgical Prosthesis market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Neurosurgical Prosthesis Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Neurosurgical Prosthesis Market, Segmentation by Type:

Cranial Neurosurgical Prosthesis

Spinal Neurosurgical Prosthesis

Peripheral Nerve Neurosurgical Prosthesis

Global Neurosurgical Prosthesis Market, Segmentation by Material:

Metal Neurosurgical Prosthesis

Ceramic Neurosurgical Prosthesis

Polymer Neurosurgical Prosthesis

Global Neurosurgical Prosthesis Market, Segmentation by Working Principle:

Active Implantable Neurosurgical Prosthesis

Passive Implantable Neurosurgical Prosthesis

Global Neurosurgical Prosthesis Market, Segmentation by Application:

Brain Neuromodulation

Spinal Cord Injury Repair

Auditory Restoration

Companies Profiled:

Medtronic

Abbott

Boston Scientific

Stryker

LivaNova

Synapse Biomedical

Cochlear

MED-EL

Advanced Bionics

CorTec

Blackrock Neurotech

SensArs Neuroprosthetics

NeuroMed

PINS Medical

Sceneray

Key Questions Answered:

1. How big is the global Neurosurgical Prosthesis market?
2. What is the demand of the global Neurosurgical Prosthesis market?
3. What is the year over year growth of the global Neurosurgical Prosthesis market?
4. What is the production and production value of the global Neurosurgical Prosthesis market?
5. Who are the key producers in the global Neurosurgical Prosthesis market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Neurosurgical Prosthesis Introduction
- 1.2 World Neurosurgical Prosthesis Supply & Forecast
 - 1.2.1 World Neurosurgical Prosthesis Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Neurosurgical Prosthesis Production (2021-2032)
 - 1.2.3 World Neurosurgical Prosthesis Pricing Trends (2021-2032)
- 1.3 World Neurosurgical Prosthesis Production by Region (Based on Production Site)
 - 1.3.1 World Neurosurgical Prosthesis Production Value by Region (2021-2032)
 - 1.3.2 World Neurosurgical Prosthesis Production by Region (2021-2032)
 - 1.3.3 World Neurosurgical Prosthesis Average Price by Region (2021-2032)
 - 1.3.4 North America Neurosurgical Prosthesis Production (2021-2032)
 - 1.3.5 Europe Neurosurgical Prosthesis Production (2021-2032)
 - 1.3.6 Asia Neurosurgical Prosthesis Production (2021-2032)
 - 1.3.7 Latin America Neurosurgical Prosthesis Production (2021-2032)
 - 1.3.8 Middle East Neurosurgical Prosthesis Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Neurosurgical Prosthesis Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Neurosurgical Prosthesis Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Neurosurgical Prosthesis Demand (2021-2032)
- 2.2 World Neurosurgical Prosthesis Consumption by Region
 - 2.2.1 World Neurosurgical Prosthesis Consumption by Region (2021-2026)
 - 2.2.2 World Neurosurgical Prosthesis Consumption Forecast by Region (2027-2032)
- 2.3 United States Neurosurgical Prosthesis Consumption (2021-2032)
- 2.4 China Neurosurgical Prosthesis Consumption (2021-2032)
- 2.5 Europe Neurosurgical Prosthesis Consumption (2021-2032)
- 2.6 Japan Neurosurgical Prosthesis Consumption (2021-2032)
- 2.7 South Korea Neurosurgical Prosthesis Consumption (2021-2032)
- 2.8 ASEAN Neurosurgical Prosthesis Consumption (2021-2032)
- 2.9 India Neurosurgical Prosthesis Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Neurosurgical Prosthesis Production Value by Manufacturer (2021-2026)
- 3.2 World Neurosurgical Prosthesis Production by Manufacturer (2021-2026)
- 3.3 World Neurosurgical Prosthesis Average Price by Manufacturer (2021-2026)
- 3.4 Neurosurgical Prosthesis Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Neurosurgical Prosthesis Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Neurosurgical Prosthesis in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Neurosurgical Prosthesis in 2025
- 3.6 Neurosurgical Prosthesis Market: Overall Company Footprint Analysis
 - 3.6.1 Neurosurgical Prosthesis Market: Region Footprint
 - 3.6.2 Neurosurgical Prosthesis Market: Company Product Type Footprint
 - 3.6.3 Neurosurgical Prosthesis Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Neurosurgical Prosthesis Production Value Comparison
 - 4.1.1 United States VS China: Neurosurgical Prosthesis Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Neurosurgical Prosthesis Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Neurosurgical Prosthesis Production Comparison
 - 4.2.1 United States VS China: Neurosurgical Prosthesis Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Neurosurgical Prosthesis Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Neurosurgical Prosthesis Consumption Comparison
 - 4.3.1 United States VS China: Neurosurgical Prosthesis Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Neurosurgical Prosthesis Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Neurosurgical Prosthesis Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based Neurosurgical Prosthesis Manufacturers, Headquarters and

Production Site (States, Country)

4.4.2 United States Based Manufacturers Neurosurgical Prosthesis Production Value (2021-2026)

4.4.3 United States Based Manufacturers Neurosurgical Prosthesis Production (2021-2026)

4.5 China Based Neurosurgical Prosthesis Manufacturers and Market Share

4.5.1 China Based Neurosurgical Prosthesis Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Neurosurgical Prosthesis Production Value (2021-2026)

4.5.3 China Based Manufacturers Neurosurgical Prosthesis Production (2021-2026)

4.6 Rest of World Based Neurosurgical Prosthesis Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Neurosurgical Prosthesis Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Neurosurgical Prosthesis Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Neurosurgical Prosthesis Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Neurosurgical Prosthesis Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Cranial Neurosurgical Prosthesis

5.2.2 Spinal Neurosurgical Prosthesis

5.2.3 Peripheral Nerve Neurosurgical Prosthesis

5.3 Market Segment by Type

5.3.1 World Neurosurgical Prosthesis Production by Type (2021-2032)

5.3.2 World Neurosurgical Prosthesis Production Value by Type (2021-2032)

5.3.3 World Neurosurgical Prosthesis Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY MATERIAL

6.1 World Neurosurgical Prosthesis Market Size Overview by Material: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Material

6.2.1 Metal Neurosurgical Prosthesis

6.2.2 Ceramic Neurosurgical Prosthesis

6.2.3 Polymer Neurosurgical Prosthesis

6.3 Market Segment by Material

6.3.1 World Neurosurgical Prosthesis Production by Material (2021-2032)

6.3.2 World Neurosurgical Prosthesis Production Value by Material (2021-2032)

6.3.3 World Neurosurgical Prosthesis Average Price by Material (2021-2032)

7 MARKET ANALYSIS BY WORKING PRINCIPLE

7.1 World Neurosurgical Prosthesis Market Size Overview by Working Principle: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Working Principle

7.2.1 Active Implantable Neurosurgical Prosthesis

7.2.2 Passive Implantable Neurosurgical Prosthesis

7.3 Market Segment by Working Principle

7.3.1 World Neurosurgical Prosthesis Production by Working Principle (2021-2032)

7.3.2 World Neurosurgical Prosthesis Production Value by Working Principle (2021-2032)

7.3.3 World Neurosurgical Prosthesis Average Price by Working Principle (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Neurosurgical Prosthesis Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Brain Neuromodulation

8.2.2 Spinal Cord Injury Repair

8.2.3 Auditory Restoration

8.3 Market Segment by Application

8.3.1 World Neurosurgical Prosthesis Production by Application (2021-2032)

8.3.2 World Neurosurgical Prosthesis Production Value by Application (2021-2032)

8.3.3 World Neurosurgical Prosthesis Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Medtronic

9.1.1 Medtronic Details

9.1.2 Medtronic Major Business

9.1.3 Medtronic Neurosurgical Prosthesis Product and Services

- 9.1.4 Medtronic Neurosurgical Prosthesis Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.1.5 Medtronic Recent Developments/Updates
- 9.1.6 Medtronic Competitive Strengths & Weaknesses
- 9.2 Abbott
 - 9.2.1 Abbott Details
 - 9.2.2 Abbott Major Business
 - 9.2.3 Abbott Neurosurgical Prosthesis Product and Services
 - 9.2.4 Abbott Neurosurgical Prosthesis Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.2.5 Abbott Recent Developments/Updates
 - 9.2.6 Abbott Competitive Strengths & Weaknesses
- 9.3 Boston Scientific
 - 9.3.1 Boston Scientific Details
 - 9.3.2 Boston Scientific Major Business
 - 9.3.3 Boston Scientific Neurosurgical Prosthesis Product and Services
 - 9.3.4 Boston Scientific Neurosurgical Prosthesis Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.3.5 Boston Scientific Recent Developments/Updates
 - 9.3.6 Boston Scientific Competitive Strengths & Weaknesses
- 9.4 Stryker
 - 9.4.1 Stryker Details
 - 9.4.2 Stryker Major Business
 - 9.4.3 Stryker Neurosurgical Prosthesis Product and Services
 - 9.4.4 Stryker Neurosurgical Prosthesis Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.4.5 Stryker Recent Developments/Updates
 - 9.4.6 Stryker Competitive Strengths & Weaknesses
- 9.5 LivaNova
 - 9.5.1 LivaNova Details
 - 9.5.2 LivaNova Major Business
 - 9.5.3 LivaNova Neurosurgical Prosthesis Product and Services
 - 9.5.4 LivaNova Neurosurgical Prosthesis Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 LivaNova Recent Developments/Updates
 - 9.5.6 LivaNova Competitive Strengths & Weaknesses
- 9.6 Synapse Biomedical
 - 9.6.1 Synapse Biomedical Details
 - 9.6.2 Synapse Biomedical Major Business

- 9.6.3 Synapse Biomedical Neurosurgical Prosthesis Product and Services
- 9.6.4 Synapse Biomedical Neurosurgical Prosthesis Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.6.5 Synapse Biomedical Recent Developments/Updates
- 9.6.6 Synapse Biomedical Competitive Strengths & Weaknesses
- 9.7 Cochlear
 - 9.7.1 Cochlear Details
 - 9.7.2 Cochlear Major Business
 - 9.7.3 Cochlear Neurosurgical Prosthesis Product and Services
 - 9.7.4 Cochlear Neurosurgical Prosthesis Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.7.5 Cochlear Recent Developments/Updates
 - 9.7.6 Cochlear Competitive Strengths & Weaknesses
- 9.8 MED-EL
 - 9.8.1 MED-EL Details
 - 9.8.2 MED-EL Major Business
 - 9.8.3 MED-EL Neurosurgical Prosthesis Product and Services
 - 9.8.4 MED-EL Neurosurgical Prosthesis Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 MED-EL Recent Developments/Updates
 - 9.8.6 MED-EL Competitive Strengths & Weaknesses
- 9.9 Advanced Bionics
 - 9.9.1 Advanced Bionics Details
 - 9.9.2 Advanced Bionics Major Business
 - 9.9.3 Advanced Bionics Neurosurgical Prosthesis Product and Services
 - 9.9.4 Advanced Bionics Neurosurgical Prosthesis Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.9.5 Advanced Bionics Recent Developments/Updates
 - 9.9.6 Advanced Bionics Competitive Strengths & Weaknesses
- 9.10 CorTec
 - 9.10.1 CorTec Details
 - 9.10.2 CorTec Major Business
 - 9.10.3 CorTec Neurosurgical Prosthesis Product and Services
 - 9.10.4 CorTec Neurosurgical Prosthesis Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.10.5 CorTec Recent Developments/Updates
 - 9.10.6 CorTec Competitive Strengths & Weaknesses
- 9.11 Blackrock Neurotech
 - 9.11.1 Blackrock Neurotech Details

- 9.11.2 Blackrock Neurotech Major Business
- 9.11.3 Blackrock Neurotech Neurosurgical Prosthesis Product and Services
- 9.11.4 Blackrock Neurotech Neurosurgical Prosthesis Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.11.5 Blackrock Neurotech Recent Developments/Updates
- 9.11.6 Blackrock Neurotech Competitive Strengths & Weaknesses
- 9.12 SensArs Neuroprosthetics
 - 9.12.1 SensArs Neuroprosthetics Details
 - 9.12.2 SensArs Neuroprosthetics Major Business
 - 9.12.3 SensArs Neuroprosthetics Neurosurgical Prosthesis Product and Services
 - 9.12.4 SensArs Neuroprosthetics Neurosurgical Prosthesis Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.12.5 SensArs Neuroprosthetics Recent Developments/Updates
 - 9.12.6 SensArs Neuroprosthetics Competitive Strengths & Weaknesses
- 9.13 NeuroMed
 - 9.13.1 NeuroMed Details
 - 9.13.2 NeuroMed Major Business
 - 9.13.3 NeuroMed Neurosurgical Prosthesis Product and Services
 - 9.13.4 NeuroMed Neurosurgical Prosthesis Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 NeuroMed Recent Developments/Updates
 - 9.13.6 NeuroMed Competitive Strengths & Weaknesses
- 9.14 PINS Medical
 - 9.14.1 PINS Medical Details
 - 9.14.2 PINS Medical Major Business
 - 9.14.3 PINS Medical Neurosurgical Prosthesis Product and Services
 - 9.14.4 PINS Medical Neurosurgical Prosthesis Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.14.5 PINS Medical Recent Developments/Updates
 - 9.14.6 PINS Medical Competitive Strengths & Weaknesses
- 9.15 Sceneray
 - 9.15.1 Sceneray Details
 - 9.15.2 Sceneray Major Business
 - 9.15.3 Sceneray Neurosurgical Prosthesis Product and Services
 - 9.15.4 Sceneray Neurosurgical Prosthesis Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.15.5 Sceneray Recent Developments/Updates
 - 9.15.6 Sceneray Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

- 10.1 Neurosurgical Prosthesis Industry Chain
- 10.2 Neurosurgical Prosthesis Upstream Analysis
 - 10.2.1 Neurosurgical Prosthesis Core Raw Materials
 - 10.2.2 Main Manufacturers of Neurosurgical Prosthesis Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 Neurosurgical Prosthesis Production Mode
- 10.6 Neurosurgical Prosthesis Procurement Model
- 10.7 Neurosurgical Prosthesis Industry Sales Model and Sales Channels
 - 10.7.1 Neurosurgical Prosthesis Sales Model
 - 10.7.2 Neurosurgical Prosthesis Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

- 12.1 Methodology
- 12.2 Research Process and Data Source
- 12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Neurosurgical Prosthesis Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Neurosurgical Prosthesis Production Value by Region (2021-2026) & (USD Million)

Table 3. World Neurosurgical Prosthesis Production Value by Region (2027-2032) & (USD Million)

Table 4. World Neurosurgical Prosthesis Production Value Market Share by Region (2021-2026)

Table 5. World Neurosurgical Prosthesis Production Value Market Share by Region (2027-2032)

Table 6. World Neurosurgical Prosthesis Production by Region (2021-2026) & (Units)

Table 7. World Neurosurgical Prosthesis Production by Region (2027-2032) & (Units)

Table 8. World Neurosurgical Prosthesis Production Market Share by Region (2021-2026)

Table 9. World Neurosurgical Prosthesis Production Market Share by Region (2027-2032)

Table 10. World Neurosurgical Prosthesis Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Neurosurgical Prosthesis Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Neurosurgical Prosthesis Major Market Trends

Table 13. World Neurosurgical Prosthesis Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Units)

Table 14. World Neurosurgical Prosthesis Consumption by Region (2021-2026) & (Units)

Table 15. World Neurosurgical Prosthesis Consumption Forecast by Region (2027-2032) & (Units)

Table 16. World Neurosurgical Prosthesis Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Neurosurgical Prosthesis Producers in 2025

Table 18. World Neurosurgical Prosthesis Production by Manufacturer (2021-2026) & (Units)

Table 19. Production Market Share of Key Neurosurgical Prosthesis Producers in 2025

Table 20. World Neurosurgical Prosthesis Average Price by Manufacturer (2021-2026)

& (US\$/Unit)

Table 21. Global Neurosurgical Prosthesis Company Evaluation Quadrant

Table 22. World Neurosurgical Prosthesis Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Neurosurgical Prosthesis Production Site of Key Manufacturer

Table 24. Neurosurgical Prosthesis Market: Company Product Type Footprint

Table 25. Neurosurgical Prosthesis Market: Company Product Application Footprint

Table 26. Neurosurgical Prosthesis Competitive Factors

Table 27. Neurosurgical Prosthesis New Entrant and Capacity Expansion Plans

Table 28. Neurosurgical Prosthesis Mergers & Acquisitions Activity

Table 29. United States VS China Neurosurgical Prosthesis Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Neurosurgical Prosthesis Production Comparison, (2021 & 2025 & 2032) & (Units)

Table 31. United States VS China Neurosurgical Prosthesis Consumption Comparison, (2021 & 2025 & 2032) & (Units)

Table 32. United States Based Neurosurgical Prosthesis Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Neurosurgical Prosthesis Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Neurosurgical Prosthesis Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Neurosurgical Prosthesis Production (2021-2026) & (Units)

Table 36. United States Based Manufacturers Neurosurgical Prosthesis Production Market Share (2021-2026)

Table 37. China Based Neurosurgical Prosthesis Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Neurosurgical Prosthesis Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Neurosurgical Prosthesis Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Neurosurgical Prosthesis Production, (2021-2026) & (Units)

Table 41. China Based Manufacturers Neurosurgical Prosthesis Production Market Share (2021-2026)

Table 42. Rest of World Based Neurosurgical Prosthesis Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Neurosurgical Prosthesis Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Neurosurgical Prosthesis Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Neurosurgical Prosthesis Production, (2021-2026) & (Units)

Table 46. Rest of World Based Manufacturers Neurosurgical Prosthesis Production Market Share (2021-2026)

Table 47. World Neurosurgical Prosthesis Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Neurosurgical Prosthesis Production by Type (2021-2026) & (Units)

Table 49. World Neurosurgical Prosthesis Production by Type (2027-2032) & (Units)

Table 50. World Neurosurgical Prosthesis Production Value by Type (2021-2026) & (USD Million)

Table 51. World Neurosurgical Prosthesis Production Value by Type (2027-2032) & (USD Million)

Table 52. World Neurosurgical Prosthesis Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Neurosurgical Prosthesis Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Neurosurgical Prosthesis Production Value by Material, (USD Million), 2021 & 2025 & 2032

Table 55. World Neurosurgical Prosthesis Production by Material (2021-2026) & (Units)

Table 56. World Neurosurgical Prosthesis Production by Material (2027-2032) & (Units)

Table 57. World Neurosurgical Prosthesis Production Value by Material (2021-2026) & (USD Million)

Table 58. World Neurosurgical Prosthesis Production Value by Material (2027-2032) & (USD Million)

Table 59. World Neurosurgical Prosthesis Average Price by Material (2021-2026) & (US\$/Unit)

Table 60. World Neurosurgical Prosthesis Average Price by Material (2027-2032) & (US\$/Unit)

Table 61. World Neurosurgical Prosthesis Production Value by Working Principle, (USD Million), 2021 & 2025 & 2032

Table 62. World Neurosurgical Prosthesis Production by Working Principle (2021-2026) & (Units)

Table 63. World Neurosurgical Prosthesis Production by Working Principle (2027-2032) & (Units)

Table 64. World Neurosurgical Prosthesis Production Value by Working Principle

(2021-2026) & (USD Million)

Table 65. World Neurosurgical Prosthesis Production Value by Working Principle

(2027-2032) & (USD Million)

Table 66. World Neurosurgical Prosthesis Average Price by Working Principle

(2021-2026) & (US\$/Unit)

Table 67. World Neurosurgical Prosthesis Average Price by Working Principle

(2027-2032) & (US\$/Unit)

Table 68. World Neurosurgical Prosthesis Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Neurosurgical Prosthesis Production by Application (2021-2026) & (Units)

Table 70. World Neurosurgical Prosthesis Production by Application (2027-2032) & (Units)

Table 71. World Neurosurgical Prosthesis Production Value by Application (2021-2026) & (USD Million)

Table 72. World Neurosurgical Prosthesis Production Value by Application (2027-2032) & (USD Million)

Table 73. World Neurosurgical Prosthesis Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World Neurosurgical Prosthesis Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Medtronic Basic Information, Manufacturing Base and Competitors

Table 76. Medtronic Major Business

Table 77. Medtronic Neurosurgical Prosthesis Product and Services

Table 78. Medtronic Neurosurgical Prosthesis Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Medtronic Recent Developments/Updates

Table 80. Medtronic Competitive Strengths & Weaknesses

Table 81. Abbott Basic Information, Manufacturing Base and Competitors

Table 82. Abbott Major Business

Table 83. Abbott Neurosurgical Prosthesis Product and Services

Table 84. Abbott Neurosurgical Prosthesis Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Abbott Recent Developments/Updates

Table 86. Abbott Competitive Strengths & Weaknesses

Table 87. Boston Scientific Basic Information, Manufacturing Base and Competitors

Table 88. Boston Scientific Major Business

Table 89. Boston Scientific Neurosurgical Prosthesis Product and Services

Table 90. Boston Scientific Neurosurgical Prosthesis Production (Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Boston Scientific Recent Developments/Updates

Table 92. Boston Scientific Competitive Strengths & Weaknesses

Table 93. Stryker Basic Information, Manufacturing Base and Competitors

Table 94. Stryker Major Business

Table 95. Stryker Neurosurgical Prosthesis Product and Services

Table 96. Stryker Neurosurgical Prosthesis Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Stryker Recent Developments/Updates

Table 98. Stryker Competitive Strengths & Weaknesses

Table 99. LivaNova Basic Information, Manufacturing Base and Competitors

Table 100. LivaNova Major Business

Table 101. LivaNova Neurosurgical Prosthesis Product and Services

Table 102. LivaNova Neurosurgical Prosthesis Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. LivaNova Recent Developments/Updates

Table 104. LivaNova Competitive Strengths & Weaknesses

Table 105. Synapse Biomedical Basic Information, Manufacturing Base and Competitors

Table 106. Synapse Biomedical Major Business

Table 107. Synapse Biomedical Neurosurgical Prosthesis Product and Services

Table 108. Synapse Biomedical Neurosurgical Prosthesis Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Synapse Biomedical Recent Developments/Updates

Table 110. Synapse Biomedical Competitive Strengths & Weaknesses

Table 111. Cochlear Basic Information, Manufacturing Base and Competitors

Table 112. Cochlear Major Business

Table 113. Cochlear Neurosurgical Prosthesis Product and Services

Table 114. Cochlear Neurosurgical Prosthesis Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Cochlear Recent Developments/Updates

Table 116. Cochlear Competitive Strengths & Weaknesses

Table 117. MED-EL Basic Information, Manufacturing Base and Competitors

Table 118. MED-EL Major Business

Table 119. MED-EL Neurosurgical Prosthesis Product and Services

Table 120. MED-EL Neurosurgical Prosthesis Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. MED-EL Recent Developments/Updates
Table 122. MED-EL Competitive Strengths & Weaknesses
Table 123. Advanced Bionics Basic Information, Manufacturing Base and Competitors
Table 124. Advanced Bionics Major Business
Table 125. Advanced Bionics Neurosurgical Prosthesis Product and Services
Table 126. Advanced Bionics Neurosurgical Prosthesis Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 127. Advanced Bionics Recent Developments/Updates
Table 128. Advanced Bionics Competitive Strengths & Weaknesses
Table 129. CorTec Basic Information, Manufacturing Base and Competitors
Table 130. CorTec Major Business
Table 131. CorTec Neurosurgical Prosthesis Product and Services
Table 132. CorTec Neurosurgical Prosthesis Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 133. CorTec Recent Developments/Updates
Table 134. CorTec Competitive Strengths & Weaknesses
Table 135. Blackrock Neurotech Basic Information, Manufacturing Base and Competitors
Table 136. Blackrock Neurotech Major Business
Table 137. Blackrock Neurotech Neurosurgical Prosthesis Product and Services
Table 138. Blackrock Neurotech Neurosurgical Prosthesis Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 139. Blackrock Neurotech Recent Developments/Updates
Table 140. Blackrock Neurotech Competitive Strengths & Weaknesses
Table 141. SensArs Neuroprosthetics Basic Information, Manufacturing Base and Competitors
Table 142. SensArs Neuroprosthetics Major Business
Table 143. SensArs Neuroprosthetics Neurosurgical Prosthesis Product and Services
Table 144. SensArs Neuroprosthetics Neurosurgical Prosthesis Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 145. SensArs Neuroprosthetics Recent Developments/Updates
Table 146. SensArs Neuroprosthetics Competitive Strengths & Weaknesses
Table 147. NeuroMed Basic Information, Manufacturing Base and Competitors
Table 148. NeuroMed Major Business
Table 149. NeuroMed Neurosurgical Prosthesis Product and Services
Table 150. NeuroMed Neurosurgical Prosthesis Production (Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. NeuroMed Recent Developments/Updates

Table 152. NeuroMed Competitive Strengths & Weaknesses

Table 153. PINS Medical Basic Information, Manufacturing Base and Competitors

Table 154. PINS Medical Major Business

Table 155. PINS Medical Neurosurgical Prosthesis Product and Services

Table 156. PINS Medical Neurosurgical Prosthesis Production (Units), Price (US\$/Unit),
Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. PINS Medical Recent Developments/Updates

Table 158. PINS Medical Competitive Strengths & Weaknesses

Table 159. Sceneray Basic Information, Manufacturing Base and Competitors

Table 160. Sceneray Major Business

Table 161. Sceneray Neurosurgical Prosthesis Product and Services

Table 162. Sceneray Neurosurgical Prosthesis Production (Units), Price (US\$/Unit),
Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. Sceneray Recent Developments/Updates

Table 164. Sceneray Competitive Strengths & Weaknesses

Table 165. Global Key Players of Neurosurgical Prosthesis Upstream (Raw Materials)

Table 166. Global Neurosurgical Prosthesis Typical Customers

Table 167. Neurosurgical Prosthesis Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. Neurosurgical Prosthesis Picture
- Figure 2. World Neurosurgical Prosthesis Production Value: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World Neurosurgical Prosthesis Production Value and Forecast (2021-2032) & (USD Million)
- Figure 4. World Neurosurgical Prosthesis Production (2021-2032) & (Units)
- Figure 5. World Neurosurgical Prosthesis Average Price (2021-2032) & (US\$/Unit)
- Figure 6. World Neurosurgical Prosthesis Production Value Market Share by Region (2021-2032)
- Figure 7. World Neurosurgical Prosthesis Production Market Share by Region (2021-2032)
- Figure 8. North America Neurosurgical Prosthesis Production (2021-2032) & (Units)
- Figure 9. Europe Neurosurgical Prosthesis Production (2021-2032) & (Units)
- Figure 10. Asia Neurosurgical Prosthesis Production (2021-2032) & (Units)
- Figure 11. Latin America Neurosurgical Prosthesis Production (2021-2032) & (Units)
- Figure 12. Middle East Neurosurgical Prosthesis Production (2021-2032) & (Units)
- Figure 13. Neurosurgical Prosthesis Market Drivers
- Figure 14. Factors Affecting Demand
- Figure 15. World Neurosurgical Prosthesis Consumption (2021-2032) & (Units)
- Figure 16. World Neurosurgical Prosthesis Consumption Market Share by Region (2021-2032)
- Figure 17. United States Neurosurgical Prosthesis Consumption (2021-2032) & (Units)
- Figure 18. China Neurosurgical Prosthesis Consumption (2021-2032) & (Units)
- Figure 19. Europe Neurosurgical Prosthesis Consumption (2021-2032) & (Units)
- Figure 20. Japan Neurosurgical Prosthesis Consumption (2021-2032) & (Units)
- Figure 21. South Korea Neurosurgical Prosthesis Consumption (2021-2032) & (Units)
- Figure 22. ASEAN Neurosurgical Prosthesis Consumption (2021-2032) & (Units)
- Figure 23. India Neurosurgical Prosthesis Consumption (2021-2032) & (Units)
- Figure 24. Producer Shipments of Neurosurgical Prosthesis by Manufacturer Revenue (\$MM) and Market Share (%): 2025
- Figure 25. Global Four-firm Concentration Ratios (CR4) for Neurosurgical Prosthesis Markets in 2025
- Figure 26. Global Four-firm Concentration Ratios (CR8) for Neurosurgical Prosthesis Markets in 2025
- Figure 27. United States VS China: Neurosurgical Prosthesis Production Value Market

Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Neurosurgical Prosthesis Production Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: Neurosurgical Prosthesis Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States Based Manufacturers Neurosurgical Prosthesis Production Market Share 2025

Figure 31. China Based Manufacturers Neurosurgical Prosthesis Production Market Share 2025

Figure 32. Rest of World Based Manufacturers Neurosurgical Prosthesis Production Market Share 2025

Figure 33. World Neurosurgical Prosthesis Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 34. World Neurosurgical Prosthesis Production Value Market Share by Type in 2025

Figure 35. Cranial Neurosurgical Prosthesis

Figure 36. Spinal Neurosurgical Prosthesis

Figure 37. Peripheral Nerve Neurosurgical Prosthesis

Figure 38. World Neurosurgical Prosthesis Production Market Share by Type (2021-2032)

Figure 39. World Neurosurgical Prosthesis Production Value Market Share by Type (2021-2032)

Figure 40. World Neurosurgical Prosthesis Average Price by Type (2021-2032) & (US\$/Unit)

Figure 41. World Neurosurgical Prosthesis Production Value by Material, (USD Million), 2021 & 2025 & 2032

Figure 42. World Neurosurgical Prosthesis Production Value Market Share by Material in 2025

Figure 43. Metal Neurosurgical Prosthesis

Figure 44. Ceramic Neurosurgical Prosthesis

Figure 45. Polymer Neurosurgical Prosthesis

Figure 46. World Neurosurgical Prosthesis Production Market Share by Material (2021-2032)

Figure 47. World Neurosurgical Prosthesis Production Value Market Share by Material (2021-2032)

Figure 48. World Neurosurgical Prosthesis Average Price by Material (2021-2032) & (US\$/Unit)

Figure 49. World Neurosurgical Prosthesis Production Value by Working Principle, (USD Million), 2021 & 2025 & 2032

Figure 50. World Neurosurgical Prosthesis Production Value Market Share by Working Principle in 2025

Figure 51. Active Implantable Neurosurgical Prosthesis

Figure 52. Passive Implantable Neurosurgical Prosthesis

Figure 53. World Neurosurgical Prosthesis Production Market Share by Working Principle (2021-2032)

Figure 54. World Neurosurgical Prosthesis Production Value Market Share by Working Principle (2021-2032)

Figure 55. World Neurosurgical Prosthesis Average Price by Working Principle (2021-2032) & (US\$/Unit)

Figure 56. World Neurosurgical Prosthesis Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 57. World Neurosurgical Prosthesis Production Value Market Share by Application in 2025

Figure 58. Brain Neuromodulation

Figure 59. Spinal Cord Injury Repair

Figure 60. Auditory Restoration

Figure 61. World Neurosurgical Prosthesis Production Market Share by Application (2021-2032)

Figure 62. World Neurosurgical Prosthesis Production Value Market Share by Application (2021-2032)

Figure 63. World Neurosurgical Prosthesis Average Price by Application (2021-2032) & (US\$/Unit)

Figure 64. Neurosurgical Prosthesis Industry Chain

Figure 65. Neurosurgical Prosthesis Procurement Model

Figure 66. Neurosurgical Prosthesis Sales Model

Figure 67. Neurosurgical Prosthesis Sales Channels, Direct Sales, and Distribution

Figure 68. Methodology

Figure 69. Research Process and Data Source

I would like to order

Product name: Global Neurosurgical Prosthesis Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G4F2CE319CBEEN.html>

Price: US\$ 4,480.00 (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/G4F2CE319CBEEN.html>