

Global Surgical Navigation Systems Market Size study, by Application (ENT, Orthopedic, Neurology, Dental, Others) by Technology (Electromagnetic, Optical, Others), by End-use (Hospitals, Ambulatory Surgical Centers) and Regional Forecasts 2022-2028

<https://marketpublishers.com/r/GEB1D1A1F0E4EN.html>

Date: May 2022

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GEB1D1A1F0E4EN

Abstracts

Global Surgical Navigation Systems Market is valued approximately USD 6.9 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 14% over the forecast period 2022-2028. Surgical navigation technology enables surgeons to precisely track tool placements and project them onto preoperative imaging data. This advanced technology is connected to GPS tracking, which allows tourists to view their exact location on a map. The rising prevalence of target conditions such as osteoarthritis, brain tumours, and ENT problems, as well as an ageing population, are likely to drive growth. The World Health Organization (WHO) estimates that 9.6 percent of men and 18 percent of women suffer from arthritis. Osteoarthritis primarily affects the elderly population. The majority of osteoarthritis sufferers have difficulties moving and are unable to conduct regular tasks. Furthermore, the rising need for minimally invasive operations is another factor driving the increased usage of these devices over the projection period. Minimally invasive procedures have fewer incision wounds, resulting in a faster healing period, a shorter hospital stay, and improved patient comfort. , As the hospital stays are shorter, these operations are economically viable. Minimally invasive operations result in less blood loss than traditional open surgeries. Technological developments in these methods, as well as the introduction of new goods, are projected to propel the market even further. Other reasons, such as the need for better patient outcomes, will, on the other hand, drive the use of novel technologies in navigation-assisted operations and support market expansion. For example, Royal Philips launched ClarifEye Augmented Reality Surgical Navigation for less invasive spine operations in February 2021.

The key regions considered for the global Surgical Navigation Systems Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America had the highest revenue share. Regional expansion is predicted to be driven by the increased prevalence of orthopaedic, ENT, and neurological illnesses. As the number of patients increases, so does the demand for surgical navigation systems, driving regional demand for surgical navigation systems. The key growth factor is the increasing preference for ambulatory surgery centres, which, together with expanding operation volumes, imposes a stress on procedure volumes at hospitals. In a cost-cutting climate, a quality-driven healthcare paradigm combined with a shift to ambulatory surgeries is increasing regional demand. Furthermore, variables like an expanding senior population and a well-developed reimbursement mechanism, which contribute to overall revenue, are responsible for the region's overall development. Whereas, Over the projection period, the market in Asia Pacific is expected to increase at an exponential rate. The regional market's fastest growth rate can be ascribed to rising economies, an ageing population, and more healthcare awareness. The older population is particularly vulnerable to orthopaedic problems, creating a large target group in the region, with Japan, China, and India being the largest regional contributors. Major market player included in this report are:

B. Braun Melsungen AG
Stryker
Medtronic
Corin
Siemens Healthineers
Smith+Nephew
Johnson & Johnson Services, Inc. (DePuy Synthes)
Zimmer Biomet
KARL STORZ SE & Co. KG
Amplitude Surgical

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Technology offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

ENT

Orthopedic

Neurology

Dental

Others

By Technology:

Electromagnetic

Optical

Others

By End-use:

Hospitals

Ambulatory Surgical Centers

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Surgical Navigation Systems Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Billion)
 - 1.2.1. Surgical Navigation Systems Market, by Region, 2020-2028 (USD Billion)
 - 1.2.2. Surgical Navigation Systems Market, by Application ,2020-2028 (USD Billion)
 - 1.2.3. Surgical Navigation Systems Market, by Technology ,2020-2028 (USD Billion)
 - 1.2.4. Surgical Navigation Systems Market, by End-use,2020-2028 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL SURGICAL NAVIGATION SYSTEMS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL SURGICAL NAVIGATION SYSTEMS MARKET DYNAMICS

- 3.1. Surgical Navigation Systems Market Impact Analysis (2020-2028)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing demand for minimally invasive surgical procedures
 - 3.1.1.2. Rising prevalence of target disorders
 - 3.1.2. Market Challenges
 - 3.1.2.1. High instrument and procedural costs
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Advantages of computer-assisted surgery
 - 3.1.3.2. Technological advancements in surgical procedures

CHAPTER 4. GLOBAL SURGICAL NAVIGATION SYSTEMS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2028)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion
- 4.5. Top investment opportunity
- 4.6. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1.1. Assessment of the overall impact of COVID-19 on the industry
- 5.1.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL SURGICAL NAVIGATION SYSTEMS MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Surgical Navigation Systems Market by Application , Performance - Potential Analysis
- 6.3. Global Surgical Navigation Systems Market Estimates & Forecasts by Application 2018-2028 (USD Billion)
- 6.4. Surgical Navigation Systems Market, Sub Segment Analysis
 - 6.4.1. ENT
 - 6.4.2. Orthopedic
 - 6.4.3. Neurology
 - 6.4.4. Dental
 - 6.4.5. Others

CHAPTER 7. GLOBAL SURGICAL NAVIGATION SYSTEMS MARKET, BY TECHNOLOGY

- 7.1. Market Snapshot
- 7.2. Global Surgical Navigation Systems Market by Technology , Performance - Potential Analysis
- 7.3. Global Surgical Navigation Systems MarketEstimates & Forecasts by Technology 2018-2028 (USD Billion)
- 7.4. Surgical Navigation Systems Market, Sub Segment Analysis
 - 7.4.1. Electromagnetic
 - 7.4.2. Optical
 - 7.4.3. Others

CHAPTER 8. GLOBAL SURGICAL NAVIGATION SYSTEMS MARKET, BY END-USE

- 8.1. Market Snapshot
- 8.2. Global Surgical Navigation Systems Market by End-use, Performance - Potential Analysis
- 8.3. Global Surgical Navigation Systems MarketEstimates & Forecasts by End-use2018-2028 (USD Billion)
- 8.4. Surgical Navigation Systems Market, Sub Segment Analysis
 - 8.4.1. Hospitals
 - 8.4.2. Ambulatory Surgical Centers

CHAPTER 9. GLOBAL SURGICAL NAVIGATION SYSTEMS MARKET, REGIONAL ANALYSIS

- 9.1. Surgical Navigation Systems Market, Regional Market Snapshot
- 9.2. North America Surgical Navigation Systems Market
 - 9.2.1. U.S. Surgical Navigation Systems Market
 - 9.2.1.1. Application breakdown estimates & forecasts, 2018-2028
 - 9.2.1.2. Technology breakdown estimates & forecasts, 2018-2028
 - 9.2.1.3. End-use breakdown estimates & forecasts, 2018-2028
 - 9.2.2. Canada Surgical Navigation Systems Market
- 9.3. Europe Surgical Navigation Systems Market Snapshot
 - 9.3.1. U.K. Surgical Navigation Systems Market
 - 9.3.2. Germany Surgical Navigation Systems Market
 - 9.3.3. France Surgical Navigation Systems Market
 - 9.3.4. Spain Surgical Navigation Systems Market
 - 9.3.5. Italy Surgical Navigation Systems Market
 - 9.3.6. Rest of Europe Surgical Navigation Systems Market

- 9.4. Asia-Pacific Surgical Navigation Systems Market Snapshot
 - 9.4.1. China Surgical Navigation Systems Market
 - 9.4.2. India Surgical Navigation Systems Market
 - 9.4.3. Japan Surgical Navigation Systems Market
 - 9.4.4. Australia Surgical Navigation Systems Market
 - 9.4.5. South Korea Surgical Navigation Systems Market
 - 9.4.6. Rest of Asia Pacific Surgical Navigation Systems Market
- 9.5. Latin America Surgical Navigation Systems Market Snapshot
 - 9.5.1. Brazil Surgical Navigation Systems Market
 - 9.5.2. Mexico Surgical Navigation Systems Market
- 9.6. Rest of The World Surgical Navigation Systems Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Top Market Strategies
- 10.2. Company Profiles
 - 10.2.1. B. Braun Melsungen AG
 - 10.2.1.1. Key Information
 - 10.2.1.2. Overview
 - 10.2.1.3. Financial (Subject to Data Availability)
 - 10.2.1.4. Technology Summary
 - 10.2.1.5. Recent Developments
 - 10.2.2. Stryker
 - 10.2.3. Medtronic
 - 10.2.4. Corin
 - 10.2.5. Siemens Healthineers
 - 10.2.6. Smith+Nephew
 - 10.2.7. Johnson & Johnson Services, Inc. (DePuy Synthes)
 - 10.2.8. Zimmer Biomet
 - 10.2.9. KARL STORZ SE & Co. KG
 - 10.2.10. Amplitude Surgical

CHAPTER 11. RESEARCH PROCESS

- 11.1. Research Process
 - 11.1.1. Data Mining
 - 11.1.2. Analysis
 - 11.1.3. Market Estimation
 - 11.1.4. Validation

- 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Surgical Navigation Systems Market, report scope

TABLE 2. Global Surgical Navigation Systems Market estimates & forecasts by Region 2018-2028 (USD Billion)

TABLE 3. Global Surgical Navigation Systems Market estimates & forecasts by Application 2018-2028 (USD Billion)

TABLE 4. Global Surgical Navigation Systems Market estimates & forecasts by Technology 2018-2028 (USD Billion)

TABLE 5. Global Surgical Navigation Systems Market estimates & forecasts by End-use 2018-2028 (USD Billion)

TABLE 6. Global Surgical Navigation Systems Market by segment, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 7. Global Surgical Navigation Systems Market by region, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 8. Global Surgical Navigation Systems Market by segment, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 9. Global Surgical Navigation Systems Market by region, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 10. Global Surgical Navigation Systems Market by segment, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 11. Global Surgical Navigation Systems Market by region, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 12. Global Surgical Navigation Systems Market by segment, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 13. Global Surgical Navigation Systems Market by region, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 14. Global Surgical Navigation Systems Market by segment, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 15. Global Surgical Navigation Systems Market by region, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 16. U.S. Surgical Navigation Systems Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 17. U.S. Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 18. U.S. Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 19. Canada Surgical Navigation Systems Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 20. Canada Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 21. Canada Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 22. UK Surgical Navigation Systems Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 23. UK Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 24. UK Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 25. Germany Surgical Navigation Systems Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 26. Germany Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 27. Germany Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 28. RoE Surgical Navigation Systems Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 29. RoE Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 30. RoE Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 31. China Surgical Navigation Systems Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 32. China Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 33. China Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 34. India Surgical Navigation Systems Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 35. India Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 36. India Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 37. Japan Surgical Navigation Systems Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 38. Japan Surgical Navigation Systems Market estimates & forecasts by

segment 2018-2028 (USDBillion)

TABLE 39. Japan Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 40. RoAPAC Surgical Navigation Systems Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 41. RoAPAC Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 42. RoAPAC Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 43. Brazil Surgical Navigation Systems Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 44. Brazil Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 45. Brazil Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 46. Mexico Surgical Navigation Systems Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 47. Mexico Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 48. Mexico Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 49. RoLA Surgical Navigation Systems Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 50. RoLA Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 51. RoLA Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 52. Row Surgical Navigation Systems Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 53. Row Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 54. Row Surgical Navigation Systems Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 55. List of secondary sources, used in the study of global Surgical Navigation Systems Market

TABLE 56. List of primary sources, used in the study of global Surgical Navigation Systems Market

TABLE 57. Years considered for the study

TABLE 58. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Surgical Navigation Systems Market, research methodology
- FIG 2. Global Surgical Navigation Systems Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global Surgical Navigation Systems Market, key trends 2021
- FIG 5. Global Surgical Navigation Systems Market, growth prospects 2022-2028
- FIG 6. Global Surgical Navigation Systems Market, porters 5 force model
- FIG 7. Global Surgical Navigation Systems Market, pest analysis
- FIG 8. Global Surgical Navigation Systems Market, value chain analysis
- FIG 9. Global Surgical Navigation Systems Market by segment, 2018 & 2028 (USDBillion)
- FIG 10. Global Surgical Navigation Systems Market by segment, 2018 & 2028 (USDBillion)
- FIG 11. Global Surgical Navigation Systems Market by segment, 2018 & 2028 (USDBillion)
- FIG 12. Global Surgical Navigation Systems Market by segment, 2018 & 2028 (USDBillion)
- FIG 13. Global Surgical Navigation Systems Market by segment, 2018 & 2028 (USDBillion)
- FIG 14. Global Surgical Navigation Systems Market, regional snapshot 2018 & 2028
- FIG 15. North America Surgical Navigation Systems Market 2018 & 2028 (USDBillion)
- FIG 16. Europe Surgical Navigation Systems Market 2018 & 2028 (USDBillion)
- FIG 17. Asia pacific Surgical Navigation Systems Market 2018 & 2028 (USDBillion)
- FIG 18. Latin America Surgical Navigation Systems Market 2018 & 2028 (USDBillion)
- FIG 19. Global Surgical Navigation Systems Market, company Market share analysis (2021)

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