

Europe Surgical Navigation Systems Market Forecast to 2030 - Regional Analysis - by Type (Optical Navigation System, Electromagnetic Navigation System, Hybrid Navigation System, Fluoroscopy Navigation System, CT-Based Navigation System, and Others), Application (Orthopedic, ENT, Neurology, Dental, and Others), and End User [Hospitals and Ambulatory Surgical Centers (ASCs)]

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Abstracts

The Europe Surgical Navigation Systems Market was valued at US\$ 283.41 million in 2022 and is expected to reach US\$ 566.76 million by 2030; it is estimated to grow at a CAGR of 9.0% from 2022 to 2030.

Integration of Advanced Type with Surgical Navigation Systems Drives Europe Surgical Navigation Systems Market

Surgeons have been increasingly emphasizing safe and less intrusive surgeries. Augmented reality (AR) is one of the advanced technologies that has been widely employed in various fields of surgery, including neurosurgery, orthopedics, and spine surgery. Incorporating AR type for facilitating image-guided surgeries reduces surgical complexities, enhancing procedures performed in operation rooms (OR) with virtual content for surgeons. AR provides microscopic and macroscopic visuals of the patient's brain with treatment methods to neurosurgeons. Therefore, advanced computer type and AR-guided navigation would soon become a common part of surgical procedures, which would, in turn, maximize the number of skilled and safe surgeries. In July 2022, Enovis announced the launch of ARVIS, the only AR-based visualization and

information system that can provide precision guidance to surgeons during surgeries. Thus, the increasing use of innovative surgical navigation techniques incorporated with advanced type such as AR accelerates the demand for surgical navigation systems worldwide.

Europe Surgical Navigation Systems Market Overview

The Europe surgical navigation systems market has been segmented into the Germany, France, UK, Italy, Spain, and the Rest of Europe. The market growth in this region is attributed to the presence of top players, innovative product launches, and technological advancements in surgical navigation system thereby dominating the overall market growth.

The surgery navigation system market growth in Germany is attributed to increasing number of surgical procedures and growing number of chronic and acute diseases requiring surgeries. According to the article by Eurostat on August 2023, transluminal coronary angioplasties and hip replacement surgeries were most common in 2021. They were performed 390 times and 301 times per 100,000 inhabitants in Germany.

Moreover, German medical and healthcare technologies are also one of the world-class systems owing to the presence of medical devices manufacturing companies such as Fiagon, B.Braun, Siemens, Brainlab, KARL STORZ SE & Co. KG. Thus, the factors mentioned above are expected to contribute to the growth of the surgical navigation system market in Germany during the coming years.

Europe Surgical Navigation Systems Market Revenue and Forecast to 2030 (US\$ Million)

Europe Surgical Navigation Systems Market Segmentation

The Europe Surgical Navigation Systems Market is segmented based on type, application, end user, and country.

Based on type, the Europe surgical navigation systems market is segmented into optical navigation system, electromagnetic navigation system, hybrid navigation system, fluoroscopy navigation system, CT-based navigation system, and other navigation system. The electromagnetic navigation system segment held the largest Europe surgical navigation systems market share in 2022.

In terms of application, the Europe surgical navigation systems market is categorized into orthopedic, ENT, neurology, dental, and others. The orthopedic segment held the largest Europe surgical navigation systems market share in 2022.

By end user, the Europe surgical navigation systems market is bifurcated into hospitals and ASCs. The hospitals segment held a larger Europe surgical navigation systems market share in 2022.

Based on country, the Europe surgical navigation systems market is segmented into Germany, France, the UK, Italy, Spain, and the Rest of Europe. Germany dominated the Europe surgical navigation systems market in 2022.

B Braun SE, Medtronic Plc, Siemens Healthineers AG, Stryker Corp, Zimmer Biomet Holdings Inc, Brainlab AG, CASCINATION, Corin Group I, and GE HealthCare Technologies Inc are some of the leading companies operating in the Europe surgical navigation systems market.

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