

# Europe Orthopedic Navigation Systems Market Forecast to 2030 - Regional Analysis - by Technology (Electromagnetic, Optical, and Others), Application (Knee, Hip, Spine, and Others), and End User (Hospitals, Ambulatory Surgical Centers, and Others)

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## Abstracts

The Europe orthopedic navigation systems market was valued at US\$ 749.99 million in 2022 and is expected to reach US\$ 2,187.21 million by 2030; it is estimated to register a CAGR of 14.3% from 2022 to 2030.

### Growing Organic and Inorganic Strategies by Key Market Players Drive Europe Orthopedic Navigation Systems Market

The technological developments in orthopedic navigation systems are rising constantly. Orthopedic procedures are becoming precise and accurate due to advances in image-guided navigation, robotic surgery, and real-time tracking. These tools help surgeons with precise implant positioning and alignment, improving surgical planning and reducing the risk of problems. Following are a few developments by the major market players:

In December 2022, SeaSpine Holdings Corporation announced the deployment of 100th 7D FLASH navigation system across the world.

In April 2023, Ortho Development Corporation announced a distribution partnership with Naviswiss, a Switzerland-based technology company. The press release states that the collaboration combines Ortho Development's 29 years of clinical success in hip and knee arthroplasty with Naviswiss' innovative miniaturized hand navigation solutions.

It also mentions that the partnership provides orthopedic surgeons across the US with a tool for improved accuracy, predictability, and documentation of results.

In October 2022, Orthofix and SeaSpine announced a definitive agreement to merge in a merger of equals. The combined company is a global leader in spine and orthopedics with highly complementary biologics portfolios, innovative spine hardware, bone growth therapies, specialized orthopedic solutions, and a leading surgical navigation system.

In January 2022, Smith+Nephew announced the expansion of indications of its CORI Surgical System-the industry's most advanced and efficient hand-held robotic solution for knee arthroplasty, to include total hip arthroplasty (THA)-Smith+Nephew's RI.HIP NAVIGATION is designed to maximize accuracy and reproducibility by enabling patient-specific component alignment for THA-the addition of RI.HIP NAVIGATION to the CORI system further strengthens Smith+Nephew's Real Intelligence digital ecosystem and underscores towards commitment to improving clinical outcomes in total hip arthroplasty.

Growing organic and inorganic developments by market players are expected to provide lucrative opportunities for the Europe orthopedic navigation system market during the forecast period.

## Europe Orthopedic Navigation Systems Market Overview

The Europe orthopedic navigation system market is segmented into Germany, France, the UK, Italy, Spain, and the Rest of Europe. Europe holds a major position in the global orthopedic navigation system market; it is projected to record a notable CAGR during the forecast period. The market growth in Europe is attributed to the high prevalence of osteoporosis, the growing number of orthopedic surgeries, the rising geriatric population, and increasing R&D activities by market players in the region.

The aging population is more susceptible to osteoarthritis; therefore, the increasing aging population in the UK contributes to the market growth. As per the Later Life 2019 report, there were approximately 12 million people aged 65 or more in the UK; this includes 5.4 million people aged 75 and above, 1.6 million aged 85 and above, ~579,776 people aged 90 or more, and 14,430 centenarians. By 2030, the number of centenarians living in the UK will reach 21,000 or more. Thus, the number of orthopedic conditions and the aging population are likely to foster the growth of the orthopedic navigation system market during the forecast period.

Further, there is an increase in the geriatric population suffering from degenerative discs and spinal degeneration due to wear and tear of the spinal cord. According to an article published by MDPI, the prevalence rate of traumatic spinal cord injury is ~500 per million inhabitants, and the incidence rate amounts to 13 per million each year. Therefore, the increasing incidence of spinal cord injuries in Germany is fueling the market growth.

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

### Europe Orthopedic Navigation Systems Market Segmentation

The Europe orthopedic navigation systems market is segmented based on technology, application, end user, and country.

Based on technology, the Europe orthopedic navigation systems market is segmented into electromagnetic, optical, and others. The electromagnetic segment held the largest share in 2022.

Based on application, the Europe orthopedic navigation systems market is segmented into knee, hip, spine, and others. The knee segment held the largest share in 2022.

Based on end user, the Europe orthopedic navigation systems market is segmented into membrane hospitals, ambulatory surgical centers, and others. The hospitals segment held the largest share in 2022.

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

Smith & Nephew Plc, Siemens Healthineers AG, B Braun SE, Stryker Corp, Medtronic Plc, Zimmer Biomet Holdings Inc, Brainlab AG, Metronor AS, and Naviswiss AG are some of the leading companies operating in the Europe orthopedic navigation systems market.

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