

# **Global Orthopedic surgical planning software Market Size study & Forecast, By Type (Pre-Operative, Post-Operative), By Delivery (Cloud-Based, On-premise), By End-use (Hospitals, Orthopedic Clinics) and Regional Analysis, 2023-2030**

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## **Abstracts**

Global Orthopedic surgical planning software Market is valued approximately at USD 42.34 million in 2022 and is anticipated to grow with a growth rate of more than 6.4% over the forecast period 2023-2030. The orthopedic surgical planning software involves utilization of computer-based applications and tools designed to aid orthopedic surgeons in preoperative planning and simulation for orthopedic surgeries. These tools leverage medical imaging data of patients and enable surgeons to visualize and analyze the affected area in detail. The orthopedic surgical planning software market is driven by factors such as the growing prevalence of orthopedic conditions with aging population and increasing awareness regarding the benefits associated with surgical planning software.

These software has been developed for surgical instruments and includes many improvements to existing functionalities and various new ones. According to the data published by the UN in 2022, the number of people aged 65 years or above is expected to more than double globally by 2050, rising from 727 million in 2020 to 1.5 billion in 2050. Along with that the National Osteoporosis Foundation reports that there were approximately 54 million individuals aged 50 years and above who experienced osteoporosis and low bone mass. This number is projected to increase to approximately 64.4 million by the year 2030. Thus, the increasing aging population is also expected to increase in number of orthopedic problems and hospital visits for diagnosis, treatment, and surgeries. The Increasing technological developments and cost-effective orthopedic surgical planning software creates lucrative opportunities for the market growth.

However, the lack of skilled professionals in emerging economies hinders the market growth.

The key regions considered for the Global Orthopedic surgical planning software Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the technological advancement, presence of key market players and well-developed health care system. Asia-Pacific is considered as the fastest growing region during the forecasted period due to the increasing in aging population and increasing healthcare expenditure.

Major market player included in this report are:

EOS Imaging

Formus Labs Ltd

Stryker

Brainlab AG

mediCAD

PEEK HEALTH S.A.

Radlink Inc.

Zimmer Biomet

RSA Biomedical

Corin Group

Enhatch Inc.

Recent Developments in the Market:

On September 2022, Stryker launched Q Guidance System for spine applications. The system provides more better surgical planning capacity by combining new optical tracking options offered by a modern, redesigned camera with new-gen algorithms.

On July 2022, Midwest Orthopaedic Center declared the beginning of EHR implementation from health IT vendor eClinicalWorks which is expected to improve clinician workflow and efficacy. The center is likely to implement the eClinicalWorks Revenue Cycle Management solution to increase its financial performance, maximize price transparency, improve the rate of collections, and streamline analytics through real-time dashboard updates.

Global Orthopedic surgical planning software Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape,

Growth factors, and Trends

Segments Covered - Type, Delivery, End user, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Pre-Operative

Post-Operative

By Delivery:

Cloud-Based

On-premise

By End user:

Hospitals

Orthopedic Clinics

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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