

Orthopedic Software Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global orthopedic software market size reached US\$ 312.3 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 438.0 Million by 2028, exhibiting a growth rate (CAGR) of 5.80% during 2022-2028.

Orthopedic software is an electronic health record (EHR) system used for enhancing the medical proficiency of bone-related treatment and surgeries. It is utilized by physicians and healthcare providers to generate personalized treatment plans and prescriptions for patients suffering from orthopedic disorders. The software can be deployed on the cloud or the premises. It includes picture archiving and communication systems (PACS) and solutions for digital templating, preoperative planning, practice management and revenue cycle management. They aid in delivering accurate patient information for guidance during the surgery and provide information regarding the original diagnosis and follow-ups of the patient during recovery. As a result, it is widely used across various hospitals, surgical centers and specialty orthopedic clinics.

Orthopedic Software Market Trends:

The increasing prevalence of orthopedic disorders, such as arthritis, cubital tunnel syndrome and lower back pain, across the globe is one of the key factors driving the market growth. Moreover, the rising geriatric population, which is more susceptible to such ailments, is providing a thrust to the market growth. Orthopedic software is also widely used for managing sports-based injuries and fractures caused by accidents and traumas. In line with this, the increasing preference for minimally invasive (MI) surgeries among patients and healthcare providers is contributing to the growth of the market. Additionally, various technological advancements, such as the development of smartphone-based solutions, are acting as other growth-inducing factors. These cloud-

operated solutions offer enhanced mobility, accessible interfaces, storage capacities and wireless access to orthopedic surgeons. Other factors, including the increasing adoption of EHRs and other eHealth solutions, along with significant improvements in the healthcare infrastructure, especially in the developing economies, are anticipated to drive the market toward growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global orthopedic software market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product, deployment mode, application and end user.

Breakup by Product:

- Digital Templating/Preoperative Planning Software
- Orthopedic Electronic Health Record (EHR)
- Orthopedic Practice Management
- Orthopedic Picture Archiving and Communication Systems (PACS)
- Orthopedic Revenue Cycle Management
- Others

Breakup by Deployment Mode:

- Cloud-based
- On-premises

Breakup by Application:

- Orthopedic Surgery
- Fracture Management
- Joint Replacement
- Pediatric Assessment

Breakup by End User:

- Hospitals
- Independent Orthopedic Clinics
- Surgery Centers
- Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Allscripts Healthcare Solutions Inc., Athenahealth, Brainlab AG, CureMD Healthcare, DrChrono Inc., General Electric Company, Greenway Health LLC, International Business Machines Corporation, Materialise, Medstrat Inc. and NextGen Healthcare Inc.

Key Questions Answered in This Report:

How has the global orthopedic software market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global orthopedic software market?

What are the key regional markets?

What is the breakup of the market based on the product?

What is the breakup of the market based on the deployment mode?

What is the breakup of the market based on the application?

What is the breakup of the market based on the end user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global orthopedic software market and who are the key players?

What is the degree of competition in the industry?

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