

Orthopedic Devices Market by Product (Fixation, Replacement, Prosthetics, Spinal Implant, Brace, Orthobiologics (DBM), Bone Graft), Procedures Volume (Knee, Hip, Ankle, Shoulder) Site, Application, End User (Hospital, ASC, Trauma) - Global Forecast to 2030

Market Report | 2025-03-06 | 441 pages | MarketsandMarkets

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Report description:

The global orthopedic devices market is expected to reach 68.51 billion by 2030 from USD 51.61 billion in 2024, at a CAGR of 4.8% from 2024 to 2030. The orthopedic devices market is growing due to increasing cases of musculoskeletal disorders, increasing geriatric population, and rising demand for minimally invasive surgical techniques. Osteoarthritis, rheumatoid arthritis, and osteoporosis are increasingly prevalent, especially among the elderly, and are increasing the need for joint replacement and fracture fixation equipment. Adoption of 3D printing, robotic-assisted surgery, and bioresorbable & smart implants, are improving patient outcomes. Osteoarthritis, rheumatoid arthritis, and osteoporosis are highly prevalent, especially among the elderly, and are driving demand for joint replacement and fracture fixation devices.

"The joint replacement devices segment to hold the largest share of the market in 2023."

Joint replacement devices are devices implanted to substitute diseased or damaged joints, mainly in the hip, knee, and shoulder, to decrease pain and enhance movement. They are driven by increasing obesity, which results in joint decay, and by more young people requiring early intervention. Technologies such as real-time tracking smart implants and personalized 3D-printed implants are improving surgical precision and patient recovery. Additionally, an increase in healthcare expenditure, supportive reimbursement policies, and government strategies enhance orthopedic care.

"The knee & thigh segment to hold the largest share of the market in 2023."

The knee & thigh segment accounts for the largest share of the orthopedic devices market by site due to the high incidence of

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fractures in knee, osteoarthritis, and osteoporosis. Knee replacement surgeries are the most common orthopedic procedures conducted, fueled by rising life expectancy and the increasing number of populations affected with degenerative joint diseases. Moreover, innovations in implant materials, minimally invasive surgical procedures, and robotic-assisted surgeries have improved the quality of life of patients. The increasing prevalence of sports injuries also drives the requirement for knee & thigh implants.

"The hospitals and surgical centers segment to hold the largest share of the market in 2023."

The segment of hospitals and surgical centers has the highest market share in orthopedic devices because they play a pivotal role in delivering high-end and specialized treatments for orthopedic conditions in patients. They provide technologically advanced orthopedic procedures, such as joint replacements and fracture fixations, which make them the first choices for orthopedic procedures. Also, hospitals and surgery centers usually possess the necessary funds to manage complicated cases, conduct minimally invasive procedures, and administer post-procedure treatment, all of which sustain demand for orthopedic devices.

"The market in the APAC region is expected to register the highest growth rate for orthopedic devices in 2023."

The orthopedic devices market covers five key geographies-North America, Europe, Asia Pacific, Latin America, and the Middle East and Africa. In 2023, a significant market share for orthopedic devices was held by the market in the North American region, comprising the US and Canada. On the other hand, the Asia Pacific market is estimated to register the highest growth rate during the forecast period.

The Asia Pacific is experiencing the most rapid growth in the market for orthopedic devices due to a combination of factors such as a rapidly growing elderly population, increased disposable incomes, and growth in access to healthcare. The growth in musculoskeletal disorders such as arthritis and osteoporosis, particularly in countries such as Japan, China, and India, is driving the adoption of orthopedic treatments. Furthermore, the region is also experiencing a boost in health care infrastructure as well as new-age technology applications, such as minimally invasive procedures and robotic-assisted surgeries, that are improving surgical outcomes. Additionally, rising medical tourism in countries such as India and Thailand, along with government actions to enhance the health care infrastructure, is also contributing to growth in the market in the region.

A breakdown of the primary participants referred to for this report is provided below:

-□By Company Type: Tier 1- 30%, Tier 2- 42%, and Tier 3- 28%

-□By Designation: Directors- 10%, Managers- 14%, and Others- 76%

-□By Region: North America- 40%, Europe- 30%, Asia Pacific- 22%, Latin America- 6%, MEA- 2%

The prominent players in the Orthopedic devices market are Stryker Corporation (United States), Johnson & Johnson (United States), Globus Medical, Inc. (United States), Medacta International SA (Switzerland), Zimmer Biomet Holdings, Inc. (United States), Arthrex, Inc. (United States), Acumed LLC (United States), Enovis Corporation (United States), CONMED Corporation (United States), B. Braun Melsungen AG (Germany), Meril Life Sciences Pvt. Ltd. (India), (Ireland), Paragon 28, Inc. (United States), Smith & Nephew plc (United Kingdom), Orthofix Medical Inc. (United States).

Research Coverage

This market research report analyzes the orthopedic devices market along several different segments, such as product type, application, end-user, region, site and geography. The report further sheds light on market growth-driving factors, mentions opportunities and threats, and presents analysis of competitive rivalry of leading companies. It further studies micro markets by focusing on growth tendencies and predicts revenues for industry segments for five leading geographies, along with corresponding countries.

Reasons to Buy the Report

The report would assist both small and new businesses in comprehending the market pattern, which can help them grow their market place. Businesses procuring the report can implement any one or several of the approaches discussed to extend their market position.

This report provides insights on the following pointers:

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- Key drivers (increasing requirement for minimally invasive orthopedic surgical procedures and increasing number of sports injuries, increasing incidence of orthopedic diseases and disorders and increasing research funding and restraints (risk and complications of orthopedic surgical procedures, exorbitant cost of orthopedic treatments, reduced reimbursements for orthopedic surgical procedures), opportunities (increasing number of hospitals and trend towards outpatient care, innovations in robotic-assisted orthopedic surgeries and 3D printing), and challenges (skilled orthopedic surgeons shortages) fueling the market growth of orthopedic devices
- Product Development/Innovation: In-depth study of emerging technologies, research & development programs, and new product & service launches in the orthopedic devices market
- Market Growth: In-depth insights into remunerative markets report analyzes the orthopedic devices market across varied geographies.
- Market Diversification: Detailed analysis of new products, unexplored geographies, latest trends, and investments in the orthopedic devices market
- Competitive Analysis: In-depth analysis of market shares, growth strategies, and services of leading players, such as Zimmer Biomet Holdings, Inc. (US), Stryker Corporation (US), Johnson & Johnson MedTech (US), Smith+Nephew (UK), B. Braun (Germany).

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