

# **Global Joint Replacement Devices Market Size Study, By Product (Knee, Hip, Shoulder, Ankle, Elbow, Wrist, Bone Grafts), Surgery (Total, Partial, Revision), Type (Cemented, Cementless, Hybrid), End User (Hospitals, ASC, Trauma, Clinic), and Regional Forecasts 2022-2032**

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## **Abstracts**

The Global Joint Replacement Devices Market is valued at approximately USD 22.5 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 4.8% over the forecast period 2024-2032. The rising prevalence of orthopedic diseases, the increasing demand for minimally invasive surgical procedures, and the growing geriatric population are key drivers fueling the market's expansion. With conditions such as osteoarthritis, rheumatoid arthritis, osteoporosis, and degenerative joint diseases becoming more prevalent, the demand for joint replacement implants is surging. Additionally, technological advancements in robotics-assisted surgery, sensor-based implants, and 3D-printed prosthetics are revolutionizing patient outcomes and post-operative recovery rates.

The knee replacement devices segment is expected to experience significant growth due to the high incidence of knee osteoarthritis and sports-related injuries, particularly among the aging population. Similarly, total joint replacement surgeries are projected to see substantial adoption as they offer long-term relief to patients suffering from chronic joint conditions. The growing focus on hybrid fixation techniques and minimally invasive procedures is also contributing to enhanced patient recovery and shorter hospital stays, making joint replacement a more viable option for a wider range of patients.

Cemented fixation techniques are gaining traction due to their advantages, including

reduced periprosthetic fractures, enhanced implant stability, and improved post-operative pain management. The increased adoption of minimally invasive surgery (MIS) in joint replacement procedures is another critical growth factor, as MIS techniques reduce hospital stays, blood loss, and trauma, thereby enhancing patient outcomes. Furthermore, hospitals and ambulatory surgical centers (ASCs) are witnessing a surge in joint replacement procedures, driven by higher patient awareness, improved healthcare accessibility, and the availability of cutting-edge medical infrastructure.

Asia-Pacific is expected to witness the highest growth rate during the forecast period due to increasing healthcare expenditure, rising disposable income, and expanding geriatric demographics in countries such as China, India, and Japan. Additionally, major market players are actively investing in expanding their presence in the APAC region, driving technological advancements and improving accessibility to high-quality joint replacement solutions. The rise in government-backed healthcare initiatives, affordable implant pricing, and growing medical tourism are further contributing to regional market expansion.

#### Major Market Players Included in This Report Are:

Zimmer Biomet Holdings, Inc. (US)

Stryker Corporation (US)

Johnson & Johnson MedTech (US)

Smith+Nephew (UK)

B. Braun (Germany)

Medtronic (Ireland)

DJO Global (US)

Conformis Inc. (US)

Exactech Inc. (US)

MicroPort Scientific Corporation (China)

Corin Group (UK)

Aesculap Implant Systems, LLC (Germany)

Arthrex, Inc. (US)

Wright Medical Group N.V. (Netherlands)

United Orthopedic Corporation (Taiwan)

The Detailed Segments and Sub-Segments of the Market Are Explained Below:

By Product:

Knee Replacement Devices

Hip Replacement Devices

Shoulder Replacement Devices

Elbow Replacement Devices

Ankle Replacement Devices

Wrist Replacement Devices

Other Joint Replacement Devices

Bone Graft Substitutes

By Surgery Type:

Total Replacement

Partial Replacement

## Revision Replacement

### By Fixation Type:

Cemented Fixation

Cementless Fixation

Hybrid Fixation

Reverse Hybrid Fixation

### By Surgical Technique:

Traditional Surgery

Minimally Invasive Surgery (MIS)

Computer-Assisted Surgery (CAS)

### By End-User:

Hospitals & Surgical Centers

Ambulatory Care Centers & Trauma Units

Orthopedic Clinics

### By Region:

#### North America:

U.S.

Canada

Mexico

Europe:

UK

Germany

France

Italy

Spain

Rest of Europe

Asia-Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia-Pacific

Latin America:

Brazil

Argentina

Rest of Latin America

Middle East & Africa (MEA):

Saudi Arabia

South Africa

UAE

Rest of MEA

Years Considered for the Study Are as Follows:

Historical Year – 2022

Base Year – 2023

Forecast Period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years (2022-2032).

Annualized revenues and regional-level analysis for each market segment.

Detailed geographical landscape, including country-level insights.

Competitive landscape featuring company profiles, innovations, and market positioning.

Analysis of key business strategies, including mergers, acquisitions, and R&D investments.

Comprehensive market insights into demand-side and supply-side trends.



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