

# Hip and Knee Reconstructive Market to Reach USD 41,071.4 Million by 2035, Growing at a 5.6% CAGR from 2025 to 2035

*The hip and knee reconstructive market, valued at USD 23,880.2 million in 2025, is set to reach USD 41,071.4 million by 2035 with a 5.6% of CAGR*

NEWARK, DE, UNITED STATES, February 3, 2025 /EINPresswire.com/ -- The global [hip and knee reconstructive market](#) is set for robust growth over the next decade, with an estimated market size of USD 23,880.2 million in 2025, projected to reach USD 41,071.4 million by 2035. This expansion reflects a CAGR of 5.6%, fueled by an aging population, increasing prevalence of orthopedic disorders, and groundbreaking advancements in surgical technologies.

With 10% of men and 18% of women over 60 suffering from symptomatic osteoarthritis, the demand for hip and knee reconstructive procedures continues to rise. Additionally, a growing number of sports injuries and trauma cases is contributing to market expansion, as more patients seek long-term mobility solutions.



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Technological innovations, including robotics-assisted surgeries and 3D-printed implants, are revolutionizing reconstructive procedures. These advancements enhance surgical precision, reduce recovery time, and improve patient outcomes, driving greater adoption among healthcare providers. Furthermore, expanding healthcare infrastructure in emerging markets is poised to accelerate market penetration.

Despite the high costs of procedures and reimbursement challenges, ongoing efforts by healthcare providers and insurers to improve accessibility and coverage are expected to mitigate these barriers. As healthcare systems evolve, the market for hip and knee reconstruction is set to witness sustained growth and innovation, enhancing quality of life for millions worldwide.

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Global Hip and knee Reconstructive Market

#### Increasing Prevalence of Osteoarthritis and Other Joint Disorders:

The rising incidence of osteoarthritis, rheumatoid arthritis, and trauma cases necessitates hip and knee replacements as vital treatments for severe joint degeneration. These procedures help alleviate chronic pain and enhance mobility.

#### Aging Population:

The global aging population is contributing significantly to the demand for joint reconstruction surgeries. Older adults are more prone to degenerative joint diseases, leading to a higher need for orthopedic interventions.

#### High Obesity Rates:

The prevalence of obesity is closely linked to joint problems, particularly in the knees and hips. As obesity rates rise globally, so does the demand for reconstructive surgeries to address related health issues.

#### Technological Advancements:

Innovations in surgical techniques and implant technologies are improving outcomes for patients undergoing hip and knee reconstruction. Developments such as minimally invasive surgery and robotic-assisted procedures are enhancing surgical precision and recovery times.

#### Evolving Patient Expectations:

Patients increasingly expect longer-lasting implants and quicker recovery periods, which drives

manufacturers to innovate continuously in product design and materials.

How does the aging population impact the demand for hip and knee replacements?

The aging population significantly impacts the demand for hip and knee replacements in several ways:

#### 1. Increased Incidence of Joint Disorders

As people age, the prevalence of degenerative joint diseases such as osteoarthritis and rheumatoid arthritis increases. These conditions lead to chronic pain and reduced mobility, making surgical interventions like hip and knee replacements necessary for improving quality of life. Studies indicate that the aging population will see a substantial rise in the demand for joint replacements, particularly among those aged 70 and older, who experience the highest relative increase in surgical volume over time.

#### 2. Higher Surgical Volumes

The demand for hip and knee replacements is projected to grow significantly due to the increasing number of elderly individuals requiring these surgeries. For instance, projections suggest that by 2060, the demand for hip and knee joint replacements could increase by nearly 40%, with older patients (70+ years) representing a significant portion of this growth. The average age of patients undergoing these procedures has remained consistent, indicating that even as the population ages, the rates of surgery continue to rise among older adults.

#### 3. Patient Willingness and Surgical Outcomes

Older patients are often willing to undergo joint arthroplasty procedures despite concerns about age-related risks. Research shows that while there may be hesitancy to perform surgeries on older individuals due to comorbid conditions, many elderly patients benefit significantly from these interventions, experiencing improved function and reduced pain post-surgery. The outcomes for hip and knee replacements tend to be favorable, with high satisfaction rates among older adults.

#### 4. Economic Impact

The growing elderly demographic places additional strain on healthcare systems, necessitating increased resources for joint replacement surgeries. As the population ages, healthcare providers must prepare for a higher volume of surgical cases, which may require adjustments in healthcare infrastructure and resource allocation to meet this rising demand.

#### 5. Technological Advancements

Advancements in surgical techniques and implant technologies have made joint replacement surgeries safer and more effective, encouraging more elderly patients to opt for these procedures. Innovations such as minimally invasive techniques reduce recovery times and improve outcomes, making surgery a more attractive option for older adults.

Global Orthopedic Implants Market Outlook

- Market Size 2025: USD 23,880.2 million; 2035: USD 41,071.4 million
- Growth Rate: 5.6% CAGR from 2025 to 2035
- Technological Trends: Robotics-assisted surgeries, AI integration, and 3D printing dominate innovation.
- Key Growth Drivers: Aging population, rising osteoarthritis prevalence, and advancements in surgical technologies.
- Geographic Insights: North America leads in market share, while Asia-Pacific showcases the highest growth potential.

"The hip and knee reconstructive market is poised for transformative growth. The introduction of patient-specific implants and advancements in minimally invasive techniques will redefine standard care practices. Companies that prioritize affordability alongside innovation are likely to gain a significant competitive edge in this evolving landscape." Says Sabyasachi Ghosh (Associate Vice President at Future Market Insights, Inc.)

Market Segments

**Implants Segment:** Accounts for over 70% of market revenue due to the high adoption of modular and customized implants.

**Surgical Tools:** Witnessing a surge in demand, particularly robot-assisted instruments, which are projected to grow at over 6% CAGR during the forecast period.

**Accessories:** Increasing adoption of disposables and advanced monitoring devices for surgical precision and post-operative care.

Market Drivers and Challenges

**Determinants of Growth:**

Rising geriatric population prone to joint disorders.

Increasing demand for minimally invasive surgeries.

**Trends:**

Integration of smart implants with real-time data tracking.

Use of augmented reality (AR) in surgical planning.

**Opportunities:**

Expanding healthcare infrastructure in emerging economies.

Development of cost-effective implant solutions to cater to uninsured populations.

Key Players

Zimmer Biomet

Smith & Nephew plc.  
Stryker  
Johnson & Johnson  
MicroPort Scientific Corporation  
B. Braun SE  
CONMED Corporation  
Exactech Inc.  
Limacorporate S.p.a.  
CeramTec  
Others

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**By Product:**

In terms of product, the industry is divided into hip reconstruction (partial hip reconstruction implants and revision implants), and knee reconstruction (total knee reconstruction implants and partial knee reconstruction implants)

**By Fixation:**

In terms of fixation, the industry is segregated into cement, cementless and hybrid

**By End User:**

In terms of end user, the industry is divided into Hospitals, orthopedic clinics and ambulatory surgical centers.

**By Region:**

Key countries of North America, Latin America, East Asia, South Asia & Pacific, Western Europe, Eastern Europe and Middle East and Africa (MEA) have been covered in the report.

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Join us as we commemorate 10 years of delivering trusted market insights. Reflecting on a decade of achievements, we continue to lead with integrity, innovation, and expertise.

### Contact Us:

Future Market Insights Inc.

Christiana Corporate, 200 Continental Drive,  
Suite 401, Newark, Delaware - 19713, USA

T: +1-347-918-3531

For Sales Enquiries: [sales@futuremarketinsights.com](mailto:sales@futuremarketinsights.com)

Website: <https://www.futuremarketinsights.com>

Ankush Nikam

Future Market Insights, Inc.

+91 90966 84197

[email us here](#)

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