

# **Knee Replacement Devices Market Size, Trends, Analysis, and Outlook By Procedure Type, Total Knee Replacement, Partial Knee Replacement, Revision Knee Replacement), By Implant (Fixed Bearing, Mobile Bearing, Others), By End-User (Hospitals, Orthopedic Clinics, Ambulatory Surgery Centers), by Region, Country, Segment, and Companies, 2024-2030**

<https://marketpublishers.com/r/K06CA31E6507EN.html>

Date: March 2024

Pages: 190

Price: US\$ 3,980.00 (Single User License)

ID: K06CA31E6507EN

## **Abstracts**

The global Knee Replacement Devices market size is poised to register 3.36% growth (CAGR) from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Knee Replacement Devices market By Procedure Type, Total Knee Replacement, Partial Knee Replacement, Revision Knee Replacement), By Implant (Fixed Bearing, Mobile Bearing, Others), By End-User (Hospitals, Orthopedic Clinics, Ambulatory Surgery Centers).

The future of knee replacement devices is shaped by advancements in materials science, implant design, and manufacturing techniques aimed at improving implant longevity, biocompatibility, and functional outcomes for patients undergoing total knee arthroplasty. Key trends include the development of advanced bearing surfaces, such as highly cross-linked polyethylene, ceramic-on-ceramic, and metal-on-metal articulations, that offer reduced wear rates, improved lubrication, and enhanced resistance to implant-related complications such as osteolysis and implant loosening. Additionally, there is a growing emphasis on patient-specific instrumentation, computer-assisted navigation, and robotic-assisted surgery systems that enable precise implant alignment, soft tissue balancing, and joint kinematics optimization, improving implant survivorship and patient satisfaction. Moreover, advancements in implant coatings, surface treatments, and osseointegration techniques are promoting bone ingrowth,

implant stability, and long-term fixation, reducing the risk of aseptic loosening and revision surgery in knee replacement patients, driving continuous innovation and improvement in implant technology..

## Knee Replacement Devices Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Knee Replacement Devices market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Knee Replacement Devices survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Knee Replacement Devices industry.

## Key market trends defining the global Knee Replacement Devices demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

## Knee Replacement Devices Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Knee Replacement Devices industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Knee Replacement Devices companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

## Key strategies adopted by companies within the Knee Replacement Devices industry

Leading Knee Replacement Devices companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced

technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Knee Replacement Devices companies.

### Knee Replacement Devices Market Study- Strategic Analysis Review

The Knee Replacement Devices market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

### Knee Replacement Devices Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Knee Replacement Devices industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

### Knee Replacement Devices Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

### North America Knee Replacement Devices Market Size Outlook- Companies plan for

*Knee Replacement Devices Market Size, Trends, Analysis, and Outlook By Procedure Type, Total Knee Replacement,...*

focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Knee Replacement Devices market segments. Similarly, Strong end-user demand is encouraging Canadian Knee Replacement Devices companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Knee Replacement Devices market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Knee Replacement Devices Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Knee Replacement Devices industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Knee Replacement Devices market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Knee Replacement Devices Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Knee Replacement Devices in Asia Pacific. In particular, China, India, and South East Asian Knee Replacement Devices markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and

comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

**Latin America Knee Replacement Devices Market Size Outlook-** Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

**Middle East and Africa Knee Replacement Devices Market Size Outlook-** continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Knee Replacement Devices market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Knee Replacement Devices.

**Knee Replacement Devices Market Company Profiles**

The global Knee Replacement Devices market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are B.Braun SE, ConforMis, CONMED, Exactech, Johnson and Johnson, Medacta International, MicroPort Scientific, Smith and Nephew, Stryker Corp, Zimmer Biomet Holdings Inc.

**Recent Knee Replacement Devices Market Developments**

The global Knee Replacement Devices market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

**Knee Replacement Devices Market Report Scope**

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

## Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

## Market Segmentation:

By Type

Stationary 3D and 4D Ultrasound Devices

Portable 3D and 4D Ultrasound Devices

By Display

Color Ultrasound

B/W Ultrasound

By Portability

Trolley or Cart-Based Ultrasound Systems

Compact/Handheld Ultrasound Systems

Point-of-Pare (PoC) Ultrasound Systems

By Application

Radiology or General Imaging

Obstetrics or Gynecology

Cardiology

Urology

Vascular

Orthopedic and Musculoskeletal

Pain Management

Others

By End-User

Hospitals

Surgical Centers and Diagnostic Centers

Maternity Centers

Ambulatory Care Centers

Research and Academia

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

B.Braun SE

ConforMis

CONMED

Exactech

Johnson and Johnson

Medacta International

MicroPort Scientific

Smith and Nephew

Stryker Corp

Zimmer Biomet Holdings Inc

Formats Available: Excel, PDF, and PPT



## Contents

### 1. EXECUTIVE SUMMARY

- 1.1 Knee Replacement Devices Market Overview and Key Findings, 2024
- 1.2 Knee Replacement Devices Market Size and Growth Outlook, 2021- 2030
- 1.3 Knee Replacement Devices Market Growth Opportunities to 2030
- 1.4 Key Knee Replacement Devices Market Trends and Challenges
  - 1.4.1 Knee Replacement Devices Market Drivers and Trends
  - 1.4.2 Knee Replacement Devices Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Knee Replacement Devices Companies

### 2. KNEE REPLACEMENT DEVICES MARKET SIZE OUTLOOK TO 2030

- 2.1 Knee Replacement Devices Market Size Outlook, USD Million, 2021- 2030
- 2.2 Knee Replacement Devices Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

### 3. KNEE REPLACEMENT DEVICES MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
  - \* Threat of New Entrants
  - \* Threat of Substitutes
  - \* Intensity of Competitive Rivalry
  - \* Bargaining Power of Buyers
  - \* Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

### 4. KNEE REPLACEMENT DEVICES MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
  - By Type
    - Stationary 3D and 4D Ultrasound Devices
    - Portable 3D and 4D Ultrasound Devices

By Display

Color Ultrasound

B/W Ultrasound

By Portability

Trolley or Cart-Based Ultrasound Systems

Compact/Handheld Ultrasound Systems

Point-of-Pare (PoC) Ultrasound Systems

By Application

Radiology or General Imaging

Obstetrics or Gynecology

Cardiology

Urology

Vascular

Orthopedic and Musculoskeletal

Pain Management

Others

By End-User

Hospitals

Surgical Centers and Diagnostic Centers

Maternity Centers

Ambulatory Care Centers

Research and Academia

Others

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

## **5. REGION-WISE MARKET OUTLOOK TO 2030**

5.1 Key Findings for Asia Pacific Knee Replacement Devices Market, 2025

5.2 Asia Pacific Knee Replacement Devices Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Knee Replacement Devices Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Knee Replacement Devices Market, 2025

5.5 Europe Knee Replacement Devices Market Size Outlook by Type, 2021- 2030

5.6 Europe Knee Replacement Devices Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Knee Replacement Devices Market, 2025

5.8 North America Knee Replacement Devices Market Size Outlook by Type, 2021- 2030

5.9 North America Knee Replacement Devices Market Size Outlook by Application,

2021- 2030

5.10 Key Findings for South America Knee Replacement Devices Market, 2025

5.11 South America Pacific Knee Replacement Devices Market Size Outlook by Type, 2021- 2030

5.12 South America Knee Replacement Devices Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Knee Replacement Devices Market, 2025

5.14 Middle East Africa Knee Replacement Devices Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Knee Replacement Devices Market Size Outlook by Application, 2021- 2030

## **6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030**

6.1 US Knee Replacement Devices Market Size Outlook and Revenue Growth Forecasts

6.2 US Knee Replacement Devices Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Knee Replacement Devices Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Knee Replacement Devices Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany Knee Replacement Devices Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France Knee Replacement Devices Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK Knee Replacement Devices Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain Knee Replacement Devices Industry Drivers and Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy Knee Replacement Devices Industry Drivers and Opportunities

6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts

6.18 Rest of Europe Knee Replacement Devices Industry Drivers and Opportunities

6.19 China Market Size Outlook and Revenue Growth Forecasts

6.20 China Knee Replacement Devices Industry Drivers and Opportunities

6.21 India Market Size Outlook and Revenue Growth Forecasts

6.22 India Knee Replacement Devices Industry Drivers and Opportunities

6.23 Japan Market Size Outlook and Revenue Growth Forecasts

6.24 Japan Knee Replacement Devices Industry Drivers and Opportunities

- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Knee Replacement Devices Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Knee Replacement Devices Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Knee Replacement Devices Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Knee Replacement Devices Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Knee Replacement Devices Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Knee Replacement Devices Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Knee Replacement Devices Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Knee Replacement Devices Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Knee Replacement Devices Industry Drivers and Opportunities

## **7. KNEE REPLACEMENT DEVICES MARKET OUTLOOK ACROSS SCENARIOS**

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

## **8. KNEE REPLACEMENT DEVICES COMPANY PROFILES**

- 8.1 Profiles of Leading Knee Replacement Devices Companies in the Market
  - 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
  - 8.3 Financial Performance and Key Metrics
- B.Braun SE
  - ConforMis
  - CONMED
  - Exactech
  - Johnson and Johnson
  - Medacta International
  - MicroPort Scientific
  - Smith and Nephew

Stryker Corp  
Zimmer Biomet Holdings Inc

## **9. APPENDIX**

- 9.1 Scope of the Report
- 9.2 Research Methodology and Data Sources
- 9.3 Glossary of Terms
- 9.4 Market Definitions
- 9.5 Contact Information

## I would like to order

Product name: Knee Replacement Devices Market Size, Trends, Analysis, and Outlook By Procedure Type, Total Knee Replacement, Partial Knee Replacement, Revision Knee Replacement), By Implant (Fixed Bearing, Mobile Bearing, Others), By End-User (Hospitals, Orthopedic Clinics, Ambulatory Surgery Centers), by Region, Country, Segment, and Companies, 2024-2030

Product link: <https://marketpublishers.com/r/K06CA31E6507EN.html>

Price: US\$ 3,980.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/K06CA31E6507EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970