

Asia Pacific Joint Resurfacing Devices Market Size and Forecast (2021 - 2031)

<https://marketpublishers.com/r/A7FDF5B460E4EN.html>

Date: April 2026

Pages: 196

Price: US\$ 3,450.00 (Single User License)

ID: A7FDF5B460E4EN

Abstracts

The Asia Pacific Joint Resurfacing Devices Market is projected to grow significantly, reaching an estimated US\$ 635.5 million by 2031, up from US\$ 445.3 million in 2024, reflecting a compound annual growth rate (CAGR) of 5.3% from 2025 to 2031. This growth is driven by several factors, including increased healthcare access, government investments in infrastructure, and a rapidly aging population. According to the United Nations, the population aged over 65 in Asia is expected to reach nearly 1.3 billion by 2050, which will further escalate the demand for joint resurfacing procedures.

The market is segmented into key countries: China, Japan, India, Australia, South Korea, and the Rest of Asia Pacific. Notably, India is projected to see a 15% annual increase in knee-related disorders, as indicated by national health surveys. In July 2025, Care Hospitals in Hyderabad introduced the AI-powered Stryker Mako Robotic System for joint resurfacing surgeries, which utilizes 3D CT-based planning to achieve 98% accuracy in joint alignment and has reportedly reduced recovery times by 30%.

Urban lifestyles in China and Japan are contributing to increased joint wear, leading to a higher adoption of resurfacing procedures. The Indian government allocated US\$ 11.5 billion (Rs. 99,858 crore) to healthcare in the 2025-2026 Union Budget, which is expected to support the growth of surgical infrastructure. Japan's Ministry of Health anticipates over 200,000 hip resurfacing procedures annually by 2025, supported by innovations like Zimmer Biomet's 3D-printed personalized implants, which offer a 92% ten-year survivorship rate for active patients.

Australia and South Korea are focusing on minimally invasive techniques, with South Korea's national insurance covering 80% of resurfacing costs for shoulder reconstructions due to occupational injuries. Initiatives such as Australia's Medicare

expansions and ASEAN health pacts in Southeast Asia are bridging healthcare gaps, resulting in an 18% increase in procedure volumes in 2024. Technological advancements, including OXINIUM coatings from Smith and Nephew, which have shown 35% fewer revisions in clinical trials, are gaining traction in the market.

The Asia Pacific region is also a hub for medical tourism, with Thailand performing approximately 50,000 resurfacing surgeries annually. Collaborative research and development through organizations like the Asia Pacific Orthopaedic Association is positioning the region as a leader in cost-effective, high-precision joint preservation solutions, which are crucial for restoring mobility to millions.

In terms of market segmentation, the Asia Pacific Joint Resurfacing Devices Market is categorized by type (Knee, Hip, Shoulder, Ankle, and Others), material (Metal, Ceramic, and Others), and end user (Hospitals, Orthopedic Clinics, Ambulatory Surgical Centers, and Others). The Knee segment was the market leader in 2024, as was the Metal segment in terms of material. Hospitals dominated the end-user segment in the same year.

Technological advancements in minimally invasive surgery (MIS) techniques and implant designs are accelerating the adoption of joint resurfacing devices over traditional open procedures. Innovations such as posterior MIS approaches and uncemented metal-on-metal implants have made resurfacing a viable outpatient option, minimizing tissue trauma and postoperative complications. Patients under 65 with osteoarthritis (OA) have reported a 95% satisfaction rate with MIS, highlighting its advantages over traditional methods. For instance, in knee resurfacing using minimally invasive total knee arthroplasty (MIS-TKA), blood loss was reduced by 22% compared to conventional methods, although hospital stays remained similar.

Broader integrations of technology, such as AI and augmented reality systems like the Tianji robot, have enabled over 30,000 precise resections in China, enhancing accuracy in treating osteoarthritis and avascular necrosis. These advancements not only reduce costs—outpatient hip resurfacing arthroplasty has shown savings of 33-61% compared to inpatient procedures—but also expand access to care. For active patients, innovations in posterior-stabilized mobile-bearing implants in MIS TKA have led to quicker recovery times and improved outcomes.

By country, China holds the largest market share, driven by an aging population and rising osteoarthritis prevalence. The National Health Commission reported that the population over 60 reached 280 million in 2023, intensifying the demand for minimally

invasive joint resurfacing options. Notable developments include Medtronic's modular hip reconstruction system, which has been tailored for Asian anatomies and has shown to reduce recovery times significantly.

Key players in the Asia Pacific Joint Resurfacing Devices Market include MicroPort Scientific Corp, Stryker Corp, Zimmer Biomet Holdings Inc, Smith & Nephew Plc, and others. These companies are focusing on expansion, product innovation, and strategic mergers and acquisitions to enhance their market presence.

Contents

1. INTRODUCTION

- 1.1 Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights
- 2.2 Market Attractiveness

3. RESEARCH METHODOLOGY

- 3.1 Secondary Research
- 3.2 Primary Research
 - 3.2.1 Hypothesis formulation:
 - 3.2.2 Macroeconomic factor analysis:
 - 3.2.3 Developing base number:
 - 3.2.4 Data Triangulation:
 - 3.2.5 Country-level data:

4. JOINT RESURFACING DEVICES MARKET LANDSCAPE

- 4.1 Market Overview

4. 2 PEST ANALYSIS

- 4.2.1 List of Vendors in the Value Chain

5. ASIA PACIFIC JOINT RESURFACING DEVICES MARKET - KEY MARKET DYNAMICS

- 5.1 Market Drivers
- 5.2 Market Restraints
- 5.3 Market Opportunities
- 5.4 Future Trends
- 5.5 Impact of Drivers and Restraints:

6. JOINT RESURFACING DEVICES MARKET - ASIA PACIFIC MARKET ANALYSIS

6.1 Asia Pacific Joint Resurfacing Devices Market Revenue (US\$ Million), 2024 - 2031

6.2 Asia Pacific Joint Resurfacing Devices Market Forecast and Analysis

7. ASIA PACIFIC JOINT RESURFACING DEVICES MARKET REVENUE ANALYSIS - BY TYPE

7.1 Knee

7.1.1 Overview

7.1.2 Knee: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

7.2 Hip

7.2.1 Overview

7.2.2 Hip: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

7.3 Shoulder

7.3.1 Overview

7.3.2 Shoulder: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

7.4 Ankle

7.4.1 Overview

7.4.2 Ankle: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

7.5 Others

7.5.1 Overview

7.5.2 Others: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

8. ASIA PACIFIC JOINT RESURFACING DEVICES MARKET REVENUE ANALYSIS - BY MATERIAL

8.1 Metal

8.1.1 Overview

8.1.2 Metal: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

8.2 Ceramic

8.2.1 Overview

8.2.2 Ceramic: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast,

2021 - 2031 (US\$ Million)

8.3 Others

8.3.1 Overview

8.3.2 Others: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

9. ASIA PACIFIC JOINT RESURFACING DEVICES MARKET REVENUE ANALYSIS - BY END USER

9.1 Hospitals

9.1.1 Overview

9.1.2 Hospitals: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

9.2 Orthopedic Clinics

9.2.1 Overview

9.2.2 Orthopedic Clinics: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

9.3 Ambulatory Surgical Centers

9.3.1 Overview

9.3.2 Ambulatory Surgical Centers: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

9.4 Others

9.4.1 Overview

9.4.2 Others: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

10. ASIA PACIFIC JOINT RESURFACING DEVICES MARKET - COUNTRY ANALYSIS

10.1 Asia Pacific

10.1.1 Asia Pacific Joint Resurfacing Devices Market Revenue and Forecast and Analysis - by Country

10.1.1.1 Asia Pacific Joint Resurfacing Devices Market Revenue and Forecast and Analysis - by Country

10.1.2.2 China: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

10.1.2.2.1 China: Asia Pacific Joint Resurfacing Devices Market Share - by Type

10.1.2.2.2 China: Asia Pacific Joint Resurfacing Devices Market Share - by Material

10.1.2.2.3 China: Asia Pacific Joint Resurfacing Devices Market Share - by End

User

10.2.3.3 Japan: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

10.2.3.3.1 Japan: Asia Pacific Joint Resurfacing Devices Market Share - by Type

10.2.3.3.2 Japan: Asia Pacific Joint Resurfacing Devices Market Share - by Material

10.2.3.3.3 Japan: Asia Pacific Joint Resurfacing Devices Market Share - by End

User

10.3.4.4 India: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

10.3.4.4.1 India: Asia Pacific Joint Resurfacing Devices Market Share - by Type

10.3.4.4.2 India: Asia Pacific Joint Resurfacing Devices Market Share - by Material

10.3.4.4.3 India: Asia Pacific Joint Resurfacing Devices Market Share - by End User

10.4.5.5 Australia: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

10.4.5.5.1 Australia: Asia Pacific Joint Resurfacing Devices Market Share - by Type

10.4.5.5.2 Australia: Asia Pacific Joint Resurfacing Devices Market Share - by

Material

10.4.5.5.3 Australia: Asia Pacific Joint Resurfacing Devices Market Share - by End

User

10.5.6.6 South Korea: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

10.5.6.6.1 South Korea: Asia Pacific Joint Resurfacing Devices Market Share - by Type

10.5.6.6.2 South Korea: Asia Pacific Joint Resurfacing Devices Market Share - by Material

10.5.6.6.3 South Korea: Asia Pacific Joint Resurfacing Devices Market Share - by End User

10.6.7.7 Rest of APAC: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

10.6.7.7.1 Rest of APAC: Asia Pacific Joint Resurfacing Devices Market Share - by Type

10.6.7.7.2 Rest of APAC: Asia Pacific Joint Resurfacing Devices Market Share - by Material

10.6.7.7.3 Rest of APAC: Asia Pacific Joint Resurfacing Devices Market Share - by End User

11 COMPETITIVE LANDSCAPE

11.1 Heat Map Analysis by Key Players

11.2 Company Positioning & Concentration

12 INDUSTRY LANDSCAPE

12.1 Overview

12.2 New Product Development

12.3 Merger and Acquisition

12.4 Other Strategic Developments

13 COMPANY PROFILES

13.1 MicroPort Scientific Corp

13.1.1 Key Facts

13.1.2 Business Description

13.1.3 Products and Services

13.1.4 Financial Overview

13.1.5 SWOT Analysis

13.1.6 Key Developments

13.2 Stryker Corp

13.2.1 Key Facts

13.2.2 Business Description

13.2.3 Products and Services

13.2.4 Financial Overview

13.2.5 SWOT Analysis

13.2.6 Key Developments

13.3 Zimmer Biomet Holdings Inc

13.3.1 Key Facts

13.3.2 Business Description

13.3.3 Products and Services

13.3.4 Financial Overview

13.3.5 SWOT Analysis

13.3.6 Key Developments

13.4 Smith & Nephew Plc

13.4.1 Key Facts

13.4.2 Business Description

13.4.3 Products and Services

13.4.4 Financial Overview

13.4.5 SWOT Analysis

13.4.6 Key Developments

13.5 JRI Orthopaedics Limited

13.5.1 Key Facts

13.5.2 Business Description

13.5.3 Products and Services

13.5.4 Financial Overview

13.5.5 SWOT Analysis

13.5.6 Key Developments

13.6 Enovis Corp

13.6.1 Key Facts

13.6.2 Business Description

13.6.3 Products and Services

13.6.4 Financial Overview

13.6.5 SWOT Analysis

13.6.6 Key Developments

13.7 Medacta Group SA

13.7.1 Key Facts

13.7.2 Business Description

13.7.3 Products and Services

13.7.4 Financial Overview

13.7.5 SWOT Analysis

13.7.6 Key Developments

13.8 Corin Group

13.8.1 Key Facts

13.8.2 Business Description

13.8.3 Products and Services

13.8.4 Financial Overview

13.8.5 SWOT Analysis

13.8.6 Key Developments

13.9 MatOrtho Limited

13.9.1 Key Facts

13.9.2 Business Description

13.9.3 Products and Services

13.9.4 Financial Overview

13.9.5 SWOT Analysis

13.9.6 Key Developments

13.10 JointMedica

13.10.1 Key Facts

13.10.2 Business Description

13.10.3 Products and Services

13.10.4 Financial Overview

13.10.5 SWOT Analysis

13.10.6 Key Developments

14. APPENDIX

14.1 About The Insight Partners

List Of Tables

LIST OF TABLES

Table 1. Asia Pacific Joint Resurfacing Devices Market Segmentation

Table 2. List of Vendors

Table 3. Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Table 4. Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Type

Table 5. Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Material

Table 6. Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by End User

Table 7. Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Country

Table 8. China: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Type

Table 9. China: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Material

Table 10. China: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by End User

Table 11. Japan: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Type

Table 12. Japan: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Material

Table 13. Japan: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by End User

Table 14. India: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Type

Table 15. India: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Material

Table 16. India: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by End User

Table 17. Australia: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Type

Table 18. Australia: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Material

Table 19. Australia: Asia Pacific Joint Resurfacing Devices Market - Revenue and

Forecast, 2021 - 2031 (US\$ Million) - by End User

Table 20. South Korea: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Type

Table 21. South Korea: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Material

Table 22. South Korea: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by End User

Table 23. Rest of APAC: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Type

Table 24. Rest of APAC: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by Material

Table 25. Rest of APAC: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million) - by End User

Table 26. Heat Map Analysis by Key Players

List Of Figures

LIST OF FIGURES

Figure 1. Asia Pacific Joint Resurfacing Devices Market Segmentation - Country

Figure 2. PEST Analysis

Figure 4. Asia Pacific Joint Resurfacing Devices Market - Key Market Dynamics

Figure 5. Impact Analysis of Drivers and Restraints

Figure 6. Asia Pacific Joint Resurfacing Devices Market Revenue (US\$ Million), 2024 - 2031

Figure 7. Asia Pacific Joint Resurfacing Devices Market Share (%) - by Type, 2024 and 2031

Figure 8. Knee: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 9. Hip: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 10. Shoulder: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 11. Ankle: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 12. Others: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 13. Asia Pacific Joint Resurfacing Devices Market Share (%) - by Material, 2024 and 2031

Figure 14. Metal: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 15. Ceramic: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 16. Others: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 17. Asia Pacific Joint Resurfacing Devices Market Share (%) - by End User, 2024 and 2031

Figure 18. Hospitals: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 19. Orthopedic Clinics: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 20. Ambulatory Surgical Centers: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 21. Others: Asia Pacific Joint Resurfacing Devices Market - Revenue and

Forecast, 2021 - 2031 (US\$ Million)

Figure 22. Asia Pacific Joint Resurfacing Devices Market Breakdown by Key Countries, 2024 and 2031 (%)

Figure 23. China: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 24. Japan: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 25. India: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 26. Australia: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 27. South Korea: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 28. Rest of APAC: Asia Pacific Joint Resurfacing Devices Market - Revenue and Forecast, 2021 - 2031 (US\$ Million)

Figure 29. Company Positioning & Concentration

I would like to order

Product name: Asia Pacific Joint Resurfacing Devices Market Size and Forecast (2021 - 2031)

Product link: <https://marketpublishers.com/r/A7FDF5B460E4EN.html>

Price: US\$ 3,450.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A7FDF5B460E4EN.html>