

U.S. Market for Orthopedic Large Joint Reconstructive Devices 2012

https://marketpublishers.com/r/U55B2D07901EN.html

Date: January 2012

Pages: 195

Price: US\$ 7,495.00 (Single User License)

ID: U55B2D07901EN

Abstracts

The orthopedic large joint reconstruction device market is expected to grow at a CAGR of 4.7% over the 2011–2018 forecast period.

The orthopedic large joint reconstruction device market includes hip and knee implants, as well as bone cements used to help adhere the implants to bone.

The market segments covered in this report include:

Total Knee Reconstruction Device Market by Cementation Type

Cemented Total Knee Implant Market

Cementless Total Knee Implant Market

Hybrid Cemented Total Knee Implant Market

Total Market by Cruciate Construction

Cruciate-Retaining Device Market

Cruciate-Sacrificing Device Market

Total Knee Reconstruction Device Market by Bearing Type

Fixed-Bearing Total Knee Replacement Market



Mobile-Bearing Total Knee Replacement Market

Combined Partial Knee Reconstruction Device Market

Bicondylar Knee Replacements and MAKOplasty® Procedures

Unicondylar Knee Implant Market

Patellofemoral Replacement Market

Revision Knee Implant Market

Traditional Bone Cement Market

Premixed Antibiotic Bone Cement Market

Surgical Gown & Helmet Market by Procedure Type

Although hip and knee arthroplasty has consistently seen high revenue growth since the early 2000s, growth has slowed since the recession that began in 2008. Procedure volumes began recovering in 2010, but the global economic crisis in 2011 has limited the recovery, and will have an uncertain effect on the market for the next several years. Nonetheless, large joint arthroplasty is experiencing a continued increase in demand, attributed to the aging baby boomer population, a higher number of highly active individuals and a rising obese demographic.

Within the orthopedic large joint reconstruction market,, companies such as Zimmer, DePuy Orthopaedics, Stryker Orthopaedics and Biomet led the market, among many others. This report provides a comprehensive and detailed analysis of market revenues by device type, market forecasts through 2018, unit sales, average selling prices, market drivers and limiters and a detailed competitive analysis, including manufacturer market shares and product portfolios.



Contents

EXECUTIVE SUMMARY

- 1.1 ORTHOPEDIC LARGE JOINT RECONSTRUCTION DEVICE MARKET
- 1.2 COMBINED KNEE RECONSTRUCTION DEVICE MARKET COMPOSITION
- 1.3 PARTIAL KNEE RECONSTRUCTION PROCEDURES
- 1.4 TOTAL HIP RECONSTRUCTION DEVICE MARKET BY FIXATION TYPE
- 1.5 HIP REPLACEMENT MARKET BY BEARING TYPE
- 1.6 LARGE JOINT REVISION MARKET BY SEGMENT
- 1.7 LARGE JOINT RECONSTRUCTION DEVICE AVERAGE SELLING PRICES
- 1.8 BONE CEMENT MARKET
- 1.9 LEADING COMPETITORS

RESEARCH METHODOLOGY

- 2.1 RESEARCH SCOPE
- 2.2 IDATA'S 9-STEP METHODOLOGY
 - Step 1: Project Initiation & Team Selection
 - Step 2: Prepare Data Systems and Perform Secondary Research
 - Step 3: Preparation for Interviews & Questionnaire Design
 - Step 4: Performing Primary Research
 - Step 5: Research Analysis: Establishing Baseline Estimates
 - Step 6: Market Forecast and Analysis
 - Step 7: Identify Strategic Opportunities
 - Step 8: Final Review and Market Release
 - Step 9: Customer Feedback and Market Monitoring

U.S. MARKET FOR ORTHOPEDIC LARGE JOINT RECONSTRUCTION DEVICES

- 3.1 INTRODUCTION
 - 3.1.1 Anatomy and Pathology
 - 3.1.2 Treatment
 - 3.1.3 Treatment Complications
 - 3.1.4 General Product Classifications
 - 3.1.5 Patient-Specific Products and Consumer Awareness
 - 3.1.6 Press-Fitted versus Cemented Implantation
 - 3.1.7 Simultaneous Bilateral Implantation
 - 3.1.8 Minimally Invasive Surgery



- 3.1.9 Computer-Assisted Navigation Systems
- 3.1.10 Emerging Technologies
- 3.2MARKET OVERVIEW
- 3.3 TREND ANALYSIS BY SEGMENT
- 3.4 PROCEDURE NUMBERS
- 3.5MARKET DRIVERS AND LIMITERS
 - 3.5.1 Market Drivers
 - 3.5.2 Market Limiters
- 3.6 COMPETITIVE ANALYSIS
 - 3.6.1 Overview
 - 3.6.2 Leading Competitors
 - 3.6.3 Other Notable Competitors
 - 3.6.4 Market Concentration
- 3.7MERGERS AND ACQUISITIONS
- 3.8 LITIGATION AND LEGAL ISSUES

KNEE RECONSTRUCTION DEVICE MARKET

- 4.1 INTRODUCTION
 - 4.1.1 Anatomy
 - 4.1.2 Pathology
 - 4.1.3 Treatment
 - 4.1.4 Implant Types
 - 4.1.4.1 Total Knee Replacement
 - 4.1.4.2 Partial Knee Replacement
 - 4.1.4.3 Patellofemoral Replacement
 - 4.1.4.4 Interpositional Knee Implants
 - 4.1.4.5 Knee Revision
 - 4.1.5 Fixation Method
 - 4.1.6 Bearing Surface
 - 4.1.7 Fixed versus Mobile Bearings
- 4.2MARKET OVERVIEW
- 4.3MARKET ANALYSIS AND FORECAST
- 4.3.1 Combined Total Knee Reconstruction Device Market
- 4.3.2 Total Knee Reconstruction Device Market by Cementation Type
 - 4.3.2.1 Cemented Total Knee Implant Market
 - 4.3.2.2 Cementless Total Knee Implant Market
 - 4.3.2.3 Hybrid Cemented Total Knee Implant Market
- 4.3.3 Total Market by Cruciate Construction



- 4.3.3.1 Cruciate-Retaining Device Market
- 4.3.3.2 Cruciate-Sacrificing Device Market
- 4.3.4 Total Knee Reconstruction Device Market by Bearing Type
 - 4.3.4.1 Fixed-Bearing Total Knee Replacement Market
 - 4.3.4.2 Mobile-Bearing Total Knee Replacement Market
- 4.3.5 Combined Partial Knee Reconstruction Device Market
- 4.3.5.1 Bicondylar Knee Replacements and MAKOplasty® Procedures
- 4.3.6 Unicondylar Knee Implant Market
- 4.3.6.1 Patellofemoral Replacement Market
- 4.3.7 Revision Knee Implant Market
- 4.4MARKET DRIVERS AND LIMITERS
 - 4.4.1 Market Drivers
 - 4.4.2 Market Limiters
- 4.5 COMPETITIVE ANALYSIS
 - 4.5.1 Leading Competitors
 - 4.5.2 Other Notable Competitors

HIP RECONSTRUCTION DEVICE MARKET

- 5.1 INTRODUCTION
 - 5.1.1 Anatomy
 - 5.1.2 Pathology
 - 5.1.3 Treatment
 - 5.1.4 Implant Types
 - 5.1.4.1 Total Hip Joint Replacement
 - 5.1.4.2 Partial Hip Joint Replacement
 - 5.1.4.3 Resurfacing Hip Joint Replacement
 - 5.1.4.4 Revision Hip Joint Replacement
 - 5.1.5 Fixation Method
 - 5.1.6 Implant Material
 - 5.1.7 Bearing Surface Technology
 - 5.1.7.1 Polyethylene Bearings
 - 5.1.7.2 Highly Cross-Linked Polyethylene Bearings
 - 5.1.7.3 Metal Bearings
 - 5.1.7.4 Ceramic Bearings
- 5.2MARKET OVERVIEW
- 5.3MARKET ANALYSIS AND FORECAST
- 5.3.1 Combined Total Hip Reconstruction Device Market
- 5.3.2 Total Hip Reconstruction Device Market by Cementation Type



- 5.3.2.1 Cemented Total Hip Reconstruction Device Market
- 5.3.2.2 Cementless Total Hip Reconstruction Device Market
- 5.3.3 Total Hip Replacement Market by Bearing Type
 - 5.3.3.1 Metal on Highly Cross-Linked Polyethylene Bearing Market
 - 5.3.3.2 Metal-on-Metal Bearing Market
 - 5.3.3.3 Ceramic-on-Ceramic Bearing Market
 - 5.3.3.4 Ceramic-on-Highly X-linked PE Bearing Market
- 5.3.4 Combined Partial Hip Reconstruction Device Market
- 5.3.5 Partial Hip Implant Market by Construction Type
 - 5.3.5.1 Bipolar Partial Hip Implant Market
 - 5.3.5.2 Unipolar Partial Hip Implant Market
- 5.3.6 Resurfacing Hip Implant Market
- 5.3.7 Revision Hip Implant Market
- 5.4MARKET DRIVERS AND LIMITERS
 - 5.4.1 Market Drivers
 - 5.4.2 Market Limiters
- 5.5 COMPETITIVE ANALYSIS
 - 5.5.1 Leading Competitors
 - 5.5.2 Other Notable Competitors

BONE CEMENT MARKET

- 6.1 INTRODUCTION
- **6.2MARKET OVERVIEW**
- 6.3MARKET ANALYSIS AND FORECAST
 - 6.3.1 Traditional Bone Cement Market
 - 6.3.2 Premixed Antibiotic Bone Cement Market
- 6.4MARKET DRIVERS AND LIMITERS
 - 6.4.1 Market Drivers
 - 6.4.2 Market Limiters
- 6.5 COMPETITIVE ANALYSIS

APPENDIX: SURGICAL GOWN & HELMET MARKET BY PROCEDURE TYPE

7.1 OVERVIEW

ABBREVIATIONS



List Of Figures

LIST OF FIGURES

EXECUTIVE SUMMARY

RESEARCH METHODOLOGY

U.S. MARKET FOR ORTHOPEDIC LARGE JOINT RECONSTRUCTION DEVICES

Figure 3-1: Combined Large Joint Reconstruction Device Market by Segment, U.S.,

2008 - 2018 (US\$M)

Figure 3-2: Growth Rates by Segment, Large Joint Reconstruction Device Market, U.S.,

2008 - 2018

Figure 3-3: Combined Orthopedic Large Joint Reconstruction Device Market, U.S., 2008

-2018

Figure 3-4: Drivers and Limiters, Combined Orthopedic Large Joint Reconstruction

Device Market, U.S., 2011

Figure 3-5: Leading Competitors, Combined Orthopedic Large Joint Reconstruction

Device Market, U.S., 2011

Figure 3-6: Market Concentration, Orthopedic Large Joint Reconstruction Device

Market, U.S., 2011

KNEE RECONSTRUCTION DEVICE MARKET

Figure 4-1: Combined Knee Reconstruction Device Market by Segment, U.S., 2008 –

2018 (US\$M)

Figure 4-2: Total Knee Reconstruction Device Market, U.S., 2008 – 2018

Figure 4-3: Total Knee Reconstruction Device Market by Cementation Type, U.S., 2008

- 2018 (US\$M)

Figure 4-4: Cemented Total Knee Implant Market, U.S., 2008 – 2018

Figure 4-5: Cementless Total Knee Implant Market, U.S., 2008 – 2018

Figure 4-6: Hybrid Total Knee Implant Market, U.S., 2008 – 2018

Figure 4-7: Total Knee Reconstruction Device Market by Cruciate Construction, U.S.,

2008 - 2018 (US\$M)

Figure 4-8: Cruciate-Retaining Total Knee Replacement Market, U.S., 2008 – 2018

Figure 4-9: Cruciate-Sacrificing Total Knee Replacement Market, U.S., 2008 – 2018

Figure 4-10: Total Knee Reconstruction Device Market by Bearing Type, U.S., 2008 –

2018 (US\$M)

Figure 4-11: Fixed-Bearing Total Knee Replacement Market, U.S., 2008 – 2018.

Figure 4-12: Mobile-Bearing Total Knee Replacement Market, U.S., 2008 – 2018

Figure 4-13: Combined Partial Knee Implant Market, U.S., 2008 – 2018 (US\$M)

Figure 4-14: MAKOplasty® Knee Procedures, U.S., 2008 – 2018

Figure 4-15: Unicondylar Knee Implant Market, U.S., 2008 – 2018



Figure 4-16: Patellofemoral Replacement Market, U.S., 2008 – 2018

Figure 4-17: Revision Knee Implant Market, U.S., 2008 – 2018

Figure 4-18: Drivers and Limiters, Knee Reconstruction Device Market, U.S., 2011

Figure 4-19: Leading Competitors, Knee Reconstruction Device Market, U.S., 2011

HIP RECONSTRUCTION DEVICE MARKET

Figure 5-1: Combined Hip Reconstruction Device Market by Segment, U.S., 2008 – 2018 (US\$M)

Figure 5-2: Total Hip Reconstruction Device Market, U.S., 2008 – 2018

Figure 5-3: Total Hip Reconstruction Device Market by Cementation Type, U.S., 2008 – 2018 (US\$M)

Figure 5-4: Cemented Hip Reconstruction Device Market, U.S., 2008 – 2018

Figure 5-5: Cementless Hip Reconstruction Device Market, U.S., 2008 – 2018

Figure 5-6: Total Hip Reconstruction Device Market by Bearing Type, U.S., 2008 – 2018 (US\$M)

Figure 5-7: Metal-on-X-Linked PE Bearing Market, U.S., 2008 – 2018

Figure 5-8: Metal-on-Metal Bearing Market, U.S., 2008 – 2018

Figure 5-9: Ceramic-on-Ceramic Bearing Market, U.S., 2008 – 2018

Figure 5-10: Ceramic-on-X-linked PE Bearing Market, U.S., 2008 - 2018

Figure 5-11: Combined Partial Hip Implant Market, U.S., 2008 – 2018 (US\$M)

Figure 5-12: Bipolar Partial Hip Implant Market, U.S., 2008 – 2018

Figure 5-13: Unipolar Partial Hip Implant Market, U.S., 2008 – 2018

Figure 5-14: Hip Resurfacing Implant Market, U.S., 2008 – 2018

Figure 5-15: Revision Hip Implant Market, U.S., 2008 – 2018

Figure 5-16: Drivers and Limiters, Hip Reconstruction Device Market, 2011

Figure 5-17 Leading Competitors, Hip Reconstruction Device Market, U.S., 2011

BONE CEMENT MARKET

Figure 6-1: Bone Cement Market by Segment, U.S., 2008 – 2018 (US\$M)

Figure 6-2: Bone Cement Market, U.S., 2008 – 2018

Figure 6-3: Traditional Bone Cement Market, U.S., 2008 – 2018

Figure 6-4: Premixed Antibiotic Bone Cement Market, U.S., 2008 – 2018

Figure 6-5: Arthroplasty Procedures Involving Bone Cement, U.S., 2008 – 2018

Figure 6-6: Drivers and Limiters, Bone Cement Market, U.S., 2011

Figure 6-7: Leading Competitors, Bone Cement Market, U.S., 2011

APPENDIX: SURGICAL GOWN & HELMET MARKET BY PROCEDURE TYPE

Figure 7-1: Penetration of Surgical Gowns and Helmet Systems in Surgical Procedures,

U.S., 2000 – 2018

ABBREVIATIONS



List Of Charts

LIST OF CHARTS

EXECUTIVE SUMMARY

- Chart 1-1: Orthopedic Large Joint Reconstruction Device Market, U.S., 2008 2018
- Chart 1-2: Combined Knee Reconstruction Device Market by Segment, U.S., 2011
- Chart 1-3: Partial Knee Reconstruction Device Units Sold, U.S., 2008 2018
- Chart 1-4: Total Hip Replacement Market Growth by Fixation Type, U.S., 2008 2018
- Chart 1-5: Total Hip Replacement Market by Bearing Type, U.S., 2008 2018
- Chart 1-6: Large Joint Revision Market by Segment, U.S., 2008 2018
- Chart 1-7: ASP Annual Growth Rates, Large Joint Reconstruction Device Market by Segment, U.S., 2008 2018
- Chart 1-8: Bone Cement Usage by Indication, U.S., 2008 2018
- Chart 1-9: Leading Competitors, Large Joint Replacement Market, U.S., 2011 RESEARCH METHODOLOGY
- U.S. MARKET FOR ORTHOPEDIC LARGE JOINT RECONSTRUCTION DEVICES
- Chart 3-1: Combined Large Joint Reconstruction Device Market by Segment, U.S., 2008 2018
- Chart 3-2: Combined Large Joint Reconstruction Device Market by Segment, U.S., 2011
- Chart 3-3: Combined Large Joint Reconstruction Device Market by Segment, U.S., 2018
- Chart 3-4: Growth Rates by Segment, Large Joint Reconstruction Device Market, U.S., 2008 2018
- Chart 3-5: Leading Competitors, Combined Orthopedic Large Joint Reconstructive Market, U.S., 2011
- Chart 3-6: Market Concentration, Orthopedic Large Joint Reconstruction Device Market, U.S., 2011

KNEE RECONSTRUCTION DEVICE MARKET

- Chart 4-1: Combined Knee Reconstruction Device Market by Segment, U.S., 2008 2018
- Chart 4-2: Combined Knee Reconstruction Device Market by Segment, U.S., 2011
- Chart 4-3: Combined Knee Reconstruction Device Market by Segment, U.S., 2018
- Chart 4-4: Total Knee Reconstruction Device Market, U.S., 2008 2018
- Chart 4-5: Total Knee Reconstruction Device Market by Cementation Type, U.S., 2008 2018
- Chart 4-6: Total Knee Reconstruction Device Market by Cementation Type, U.S., 2011
- Chart 4-7: Total Knee Reconstruction Device Market by Cementation Type, U.S., 2018



- Chart 4-8: Cemented Total Knee Implant Market, U.S., 2008 2018
- Chart 4-9: Cementless Total Knee Implant Market, U.S., 2008 2018
- Chart 4-10: Hybrid Total Knee Implant Market, U.S., 2008 2018
- Chart 4-11: Total Knee Reconstruction Device Market by Cruciate Construction, U.S.,
- 2008 2018
- Chart 4-12: Total Knee Reconstruction Device Market by Cruciate Construction, U.S., 2011
- Chart 4-13: Total Knee Reconstruction Device Market by Cruciate Construction, U.S., 2018
- Chart 4-14: Cruciate-Retaining Total Knee Replacement Market, U.S., 2008 2018
- Chart 4-15: Cruciate-Sacrificing Total Knee Replacement Market, U.S., 2008 2018
- Chart 4-16: Total Knee Reconstruction Device Market by Bearing Type, U.S., 2008 2018
- Chart 4-17: Total Knee Reconstruction Device Market by Bearing Type, U.S., 2011
- Chart 4-18: Total Knee Reconstruction Device Market by Bearing Type, U.S., 2018
- Chart 4-19: Fixed-Bearing Total Knee Replacement Market, U.S., 2008 2018
- Chart 4-20: Mobile-Bearing Total Knee Replacement Market, U.S., 2008 2018
- Chart 4-21: Combined Partial Knee Implant Market by Type, U.S., 2008 2018.
- Chart 4-22: Combined Partial Knee Implant Market by Type, U.S., 2011
- Chart 4-23: Combined Partial Knee Implant Market by Type, U.S., 2018
- Chart 4-24: Unicondylar Knee Implant Market, U.S., 2008 2018
- Chart 4-25: Patellofemoral Replacement Market, U.S., 2008 2018
- Chart 4-26: Revision Knee Implant Market, U.S., 2008 2018
- Chart 4-27: Leading Competitors, Knee Reconstruction Device Market, U.S., 2011
- HIP RECONSTRUCTION DEVICE MARKET
- Chart 5-1: Combined Hip Reconstruction Device Market by Segment, U.S., 2008 2018
- Chart 5-2: Combined Hip Reconstruction Device Market by Segment, U.S., 2011
- Chart 5-3: Combined Hip Reconstruction Device Market by Segment, U.S., 2018
- Chart 5-4: Total Hip Reconstruction Device Market, U.S., 2008 2018
- Chart 5-5: Total Hip Reconstruction Device Market by Cementation Type, U.S., 2008 2018
- Chart 5-6: Total Hip Reconstruction Device Market by Segment, U.S., 2011
- Chart 5-7: Total Hip Reconstruction Device Market by Segment, U.S., 2018
- Chart 5-8: Cemented Hip Reconstruction Device Market, U.S., 2008 2018
- Chart 5-9: Cementless Hip Reconstruction Device Market, U.S., 2008 2018
- Chart 5-10: Total Hip Reconstruction Device Market by Bearing Type, U.S., 2008 2018
- Chart 5-11: Total Hip Reconstruction Device Market by Bearing Type, U.S., 2011
- Chart 5-12: Total Hip Reconstruction Device Market by Bearing Type, U.S., 2018



Chart 5-13: Metal-on-X-Linked PE Bearing Market, U.S., 2008 – 2018

Chart 5-14: Metal-on-Metal Bearing Market, U.S., 2008 – 2018

Chart 5-15: Ceramic-on-Ceramic Bearing Market, U.S., 2008 – 2018

Chart 5-16: Ceramic-on-X-linked PE Bearing Market, U.S., 2008 - 2018

Chart 5-17: Combined Partial Hip Implant Market by Type, U.S., 2008 – 2018

Chart 5-18: Combined Partial Hip Implant Market by Type, U.S., 2011

Chart 5-19: Combined Partial Hip Implant Market by Type, U.S., 2018

Chart 5-20: Bipolar Partial Hip Implant Market, U.S., 2008 – 2018

Chart 5-21: Unipolar Partial Hip Implant Market, U.S., 2008 – 2018

Chart 5-22: Hip Resurfacing Implant Market, U.S., 2008 – 2018

Chart 5-23: Revision Hip Implant Market, U.S., 2008 – 2018

Chart 5-24: Leading Competitors, Hip Reconstruction Device Market, U.S., 2011

BONE CEMENT MARKET

Chart 6-1: Bone Cement Market by Segment, U.S., 2008 – 2018

Chart 6-2: Bone Cement Market by Segment, U.S., 2011

Chart 6-3: Bone Cement Market by Segment, U.S., 2018

Chart 6-4: Bone Cement Market, U.S., 2008 - 2018

Chart 6-5: Traditional Bone Cement Market, U.S., 2008 – 2018

Chart 6-6: Premixed Antibiotic Bone Cement Market, U.S., 2008 – 2018

Chart 6-7: Leading Competitors, Bone Cement Market, U.S., 2011

APPENDIX: SURGICAL GOWN & HELMET MARKET BY PROCEDURE

TYPE

ABBREVIATIONS



I would like to order

Product name: U.S. Market for Orthopedic Large Joint Reconstructive Devices 2012

Product link: https://marketpublishers.com/r/U55B2D07901EN.html

Price: US\$ 7,495.00 (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/U55B2D07901EN.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
	Custumer 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