

U.S. Orthopedic Biomaterials Market

<https://marketpublishers.com/r/UFFA242CE48EN.html>

Date: December 2014

Pages: 288

Price: US\$ 6,495.00 (Single User License)

ID: UFFA242CE48EN

Abstracts

The fastest growing segments involve stem cells, namely the segments for stem cell bone grafts and concentrated bone marrow. The products within these markets offer the greatest regenerative potential for healing bone.

Orthopedic biomaterial products compete with products that are more established and less expensive. Thus, clinical evidence is often an important deciding factor for orthopedic biomaterials over conventional forms of therapy especially in regards to reimbursement. However, the promise seen in some products such as bone marrow concentrate generates growth despite a lack of clinical evidence and reimbursement.

Contents

EXECUTIVE SUMMARY

- 1.1 U.S. MARKET FOR ORTHOPEDIC BIOMATERIALS
- 1.2 ORTHOPEDIC BONE GRAFT SUBSTITUTE MARKET
- 1.3 ORTHOPEDIC GROWTH FACTOR MARKET
- 1.4 ORTHOPEDIC STEM CELL MARKET
- 1.5 ORTHOPEDIC CELL THERAPY MARKET
- 1.6 ORTHOPEDIC HYALURONIC ACID VISCOSUPPLEMENTATION MARKET
- 1.7 ORTHOPEDIC CARTILAGE REPAIR MARKET
- 1.8 SPINAL MACHINED BONE ALLOGRAFT 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. ORTHOPEDIC BIOMATERIALS MARKET OVERVIEW

- 3.1 INTRODUCTION
 - 3.1.1 Bone Graft Substitutes
 - 3.1.2 Growth Factors
 - 3.1.3 Orthopedic Stem Cell Therapy
 - 3.1.4 Cell Therapies
 - 3.1.5 Hyaluronic Acid Viscosupplementation
 - 3.1.6 Cartilage Repair
 - 3.1.7 Spinal Machined Bone Allografts
- 3.2 MARKET OVERVIEW

3.3 TREND ANALYSIS BY SEGMENT

3.4 DRIVERS AND LIMITERS

3.4.1 Market Drivers

3.4.2 Market Limiters

3.5 COMPETITIVE ANALYSIS

3.6 HERFINDAHL INDEX

3.7 MERGERS AND ACQUISITIONS

PROCEDURE NUMBERS

4.1 PROCEDURAL DEFINITIONS

4.2 BONE GRAFT PROCEDURE NUMBERS BY TYPE

4.3 BONE GRAFT SUBSTITUTE PROCEDURE NUMBERS

4.3.1 By Material

4.3.2 By Indication

4.4 GROWTH FACTOR BONE GRAFT PROCEDURE NUMBERS

4.5 STEM CELL BONE GRAFT PROCEDURE NUMBERS

4.6 CELL THERAPY TREATMENT NUMBERS

4.6.1 Overview by Type

4.6.2 Platelet-Rich Plasma Treatment Numbers by Indication

4.6.3 Bone Marrow Concentrate Treatment Numbers by Indication

4.7 HYALURONIC ACID TREATMENT NUMBERS BY TYPE

4.8 CARTILAGE REPAIR PROCEDURE NUMBERS BY TYPE

4.9 SPINAL MACHINED BONE ALLOGRAFT PROCEDURE NUMBERS BY APPROACH

ORTHOPEDIC BONE GRAFT SUBSTITUTE MARKET

5.1 INTRODUCTION

5.2 MARKET SEGMENTATION

5.2.1 By Indication

5.2.1.1 Spine

5.2.1.2 Trauma

5.2.1.3 Large Joint

5.2.1.4 Foot Reconstruction

5.2.1.5 Craniomaxillofacial

5.2.1.6 Oncology

5.2.2 By Material

5.2.2.1 Autograft

- 5.2.2.2 Standard Allograft
- 5.2.2.3 Demineralized Bone Matrix
- 5.2.2.4 Synthetic
- 5.2.2.5 Xenograft

5.3 PROCEDURE NUMBERS

- 5.3.1 Bone Graft Substitutes Procedure Numbers by Material
- 5.3.2 Units Per Procedure by Indication

5.4 MARKET OVERVIEW

- 5.4.1 Bone Graft Substitute Market by Material
- 5.4.2 Bone Graft Substitute Market by Indication

5.5 MARKET ANALYSIS AND FORECAST

- 5.5.1 Total Orthopedic Bone Graft Substitute Market
- 5.5.2 Bone Graft Substitute Market by Material
 - 5.5.2.1 Total Allograft Bone Graft Substitute Market
 - 5.5.2.2 Allograft Bone Graft Substitute Market by Indication
 - 5.5.2.2.1 Spine
 - 5.5.2.2.1.1 Cervical Spine
 - 5.5.2.2.1.2 Thoracolumbar Spine
 - 5.5.2.2.2 Trauma
 - 5.5.2.2.2.1 Non-union Trauma
 - 5.5.2.2.2.2 Fresh Fracture Trauma
 - 5.5.2.2.3 Large Joint Reconstruction
 - 5.5.2.2.3.1 Hip Large Joint Reconstruction
 - 5.5.2.2.3.2 Knee Large Joint Reconstruction
 - 5.5.2.2.4 Foot Reconstruction
 - 5.5.2.2.5 Craniomaxillofacial
 - 5.5.2.2.6 Oncology
 - 5.5.2.2.3 Large Joint Reconstruction
 - 5.5.2.2.4 Foot Reconstruction
 - 5.5.2.2.5 Craniomaxillofacial
 - 5.5.2.2.6 Oncology
 - 5.5.2.2 Allograft Bone Graft Substitute Market by Indication
 - 5.5.2.2.1 Spine
 - 5.5.2.2.1.1 Cervical Spine
 - 5.5.2.2.1.2 Thoracolumbar Spine
 - 5.5.2.2.2 Trauma
 - 5.5.2.2.2.1 Non-union Trauma
 - 5.5.2.2.2.2 Fresh Fracture Trauma
 - 5.5.2.2.3 Large Joint Reconstruction
 - 5.5.2.2.3.1 Hip Large Joint Reconstruction
 - 5.5.2.2.3.2 Knee Large Joint Reconstruction
 - 5.5.2.2.4 Foot Reconstruction
 - 5.5.2.2.5 Craniomaxillofacial
 - 5.5.2.2.6 Oncology
- 5.5.2.3 Total Demineralized Bone Matrix Market
- 5.5.2.4 Demineralized Bone Matrix Market, with and without Carriers
- 5.5.2.5 Demineralized Bone Matrix Market by Indication
 - 5.5.2.5.1 Spine
 - 5.5.2.5.1.1 Cervical Spine
 - 5.5.2.5.1.2 Thoracolumbar Spine
 - 5.5.2.5.2 Trauma
 - 5.5.2.5.2.1 Non-union Trauma
 - 5.5.2.5.2.2 Fresh Fracture Trauma
 - 5.5.2.5.3 Large Joint Reconstruction
 - 5.5.2.5.3.1 Hip Large Joint Reconstruction
 - 5.5.2.5.3.2 Knee Large Joint Reconstruction

5.5.2.5.4 Foot Reconstruction

5.5.2.5.5 Craniomaxillofacial

5.5.2.5.6 Oncology

5.5.2.6 Total Synthetic Bone Graft Substitute Market

5.5.2.7 Synthetic Bone Graft Substitute Market by Indication

5.5.2.7.1 Spine

5.5.2.7.1.1 Cervical Spine

5.5.2.7.1.2 Thoracolumbar Spine

5.5.2.7.2 Trauma

5.5.2.7.2.1 Non-union Trauma

5.5.2.7.2.2 Fresh Fracture Trauma

5.5.2.7.3 Large Joint Reconstruction

5.5.2.7.3.1 Hip Large Joint Reconstruction

5.5.2.7.3.2 Knee Large Joint Reconstruction

5.5.2.7.4 Foot Reconstruction

5.5.2.7.5 Craniomaxillofacial

5.5.2.7.6 Oncology

5.5.3 Bone Graft Substitute Market by Indication

5.5.3.1 Spine Bone Graft Substitute Market

5.5.3.1.1 Cervical Spine Bone Graft Substitute Market

5.5.3.1.2 Thoracolumbar Spine Bone Graft Substitute Market

5.5.3.2 Trauma Bone Graft Substitute Market

5.5.3.2.1 Non-union Trauma Fracture Bone Graft Substitute Market

5.5.3.2.2 Fresh Fracture Trauma Bone Graft Substitute Market

5.5.3.3 Large Joint Reconstruction Bone Graft Substitute Market

5.5.3.3.1 Hip Large Joint Reconstruction Bone Graft Substitute Market

5.5.3.3.2 Knee Large Joint Reconstruction Bone Graft Substitute Market

5.5.3.4 Foot Reconstruction Bone Graft Substitute Market

5.5.3.5 Craniomaxillofacial Bone Graft Substitute Market

5.5.3.6 Oncology Bone Graft Substitute Market

5.6 DRIVERS AND LIMITERS

5.6.1 Market Drivers

5.6.1.1 Allograft Bone Graft Substitute Market

5.6.1.2 Demineralized Bone Matrix Bone Graft Substitute Market

5.6.1.3 Synthetic Bone Graft Substitute Market

5.6.2 Market Limiters

5.6.2.1 Allograft Bone Graft Substitute Market

5.6.2.2 Demineralized Bone Matrix Bone Graft Substitute Market

5.6.2.3 Synthetic Bone Graft Substitute Market

5.7 COMPETITIVE ANALYSIS

ORTHOPEDIC GROWTH FACTOR MARKET

6.1 INTRODUCTION

6.1.1 BMP-2 (Medtronic)

6.1.2 BMP-7 (Olympus Biomaterials)

6.2 MARKET ANALYSIS AND FORECAST

6.3 DRIVERS AND LIMITERS

6.3.1 Market Drivers

6.3.2 Market Limiters

6.4 COMPETITIVE ANALYSIS

ORTHOPEDIC STEM CELL MARKET

7.1 INTRODUCTION

7.1.1 Lineage

7.1.1.1 Human Embryonic Stem Cells (hESC)

7.1.1.2 Mesenchymal Stem Cells (MSC)

7.1.2 Other Therapeutic Applications

7.2 MARKET OVERVIEW

7.2.1 Orthopedic Stem Cell Market by Anatomy

7.3 MARKET ANALYSIS AND FORECAST

7.3.1 Total Orthopedic Stem Cell Market

7.3.2 Cervical Spine Stem Cell Market

7.3.3 Lumbar Spine Stem Cell Market

7.4 DRIVERS AND LIMITERS

7.4.1 Market Drivers

7.4.2 Market Limiters

7.5 COMPETITIVE ANALYSIS

ORTHOPEDIC CELL THERAPY MARKET

8.1 INTRODUCTION

8.1.1 Platelet-Rich Plasma

8.1.2 Concentrated Bone Marrow Aspirate

8.2 MARKET OVERVIEW

8.3 MARKET ANALYSIS AND FORECAST

8.3.1 Total Platelet-Rich Plasma Market

- 8.3.1.1 Soft Tissue Platelet-Rich Plasma Market
- 8.3.1.2 Orthopedic Platelet-Rich Plasma Market
- 8.3.1.3 Cardiac Platelet-Rich Plasma Market
- 8.3.1.4 Spine Platelet-Rich Plasma Market
- 8.3.1.5 Plastics Platelet-Rich Plasma Market
- 8.3.2 Total Bone Marrow Concentrate Market
 - 8.3.2.1 Spine Bone Marrow Concentrate Market
 - 8.3.2.2 Trauma Bone Marrow Concentrate Market
 - 8.3.2.3 Soft Tissue Concentrated Bone Marrow Aspirate Market
 - 8.3.2.4 Joint Reconstruction Bone Marrow Concentrate Market
- 8.4 DRIVERS AND LIMITERS
 - 8.4.1 Market Drivers
 - 8.4.2 Market Limiters
- 8.5 COMPETITIVE ANALYSIS

ORTHOPEDIC HYALURONIC ACID VISCOSUPPLEMENTATION MARKET

- 9.1 INTRODUCTION
 - 9.1.1 Benefits of Viscosupplementation
 - 9.1.2 Synovial Fluid
 - 9.1.3 Product Types
 - 9.1.3.1 Single-Injection Products
 - 9.1.3.2 Three-Injection Cycle Products
 - 9.1.3.3 Three/Five-Injection Cycle Products
 - 9.1.4 Reimbursement
- 9.2 MARKET OVERVIEW
- 9.3 MARKET ANALYSIS AND FORECAST
 - 9.3.1 Total Hyaluronic Acid Viscosupplementation Market
 - 9.3.2 Single-Injection Hyaluronic Acid Viscosupplementation Market
 - 9.3.3 Three-Injection Hyaluronic Acid Viscosupplementation Market
 - 9.3.4 Five-Injection Hyaluronic Acid Viscosupplementation Market
- 9.4 DRIVERS AND LIMITERS
 - 9.4.1 Market Drivers
 - 9.4.2 Market Limiters
- 9.5 COMPETITIVE ANALYSIS

ORTHOPEDIC CARTILAGE REPAIR MARKET

10.1 INTRODUCTION

- 10.1.1 Anatomy
- 10.1.2 Methods for Cartilage Repair
 - 10.1.2.1 Microfracture
 - 10.1.2.2 Microfracture Adjunct
 - 10.1.2.3 Osteoarticular Autograft Transfer System
 - 10.1.2.4 Particulated Juvenile Allograft
 - 10.1.2.5 Osteochondral Allograft Transfer
 - 10.1.2.6 Autologous Chondrocyte Implantation
 - 10.1.2.7 Meniscal Allograft Transplantation

10.2 MARKET OVERVIEW

10.3 MARKET ANALYSIS AND FORECAST

- 10.3.1 Osteochondral Allograft Market
- 10.3.2 Meniscal Allograft Market
- 10.3.3 Autologous Chondrocyte Implantation Market
- 10.3.4 Particulated Juvenile Allograft Implant Market
- 10.3.5 Microfracture Adjunct Market

10.4 DRIVERS AND LIMITERS

- 10.4.1 Market Drivers
- 10.4.2 Market Limiters

10.5 COMPETITIVE ANALYSIS

SPINAL MACHINED BONE ALLOGRAFT MARKET

11.1 INTRODUCTION

- 11.1.1 Anterior Lumbar Interbody Fusion (ALIF)
- 11.1.2 Posterior Lumbar Interbody Fusion (PLIF)
- 11.1.3 Transforaminal Lumbar Interbody Fusion (TLIF)
- 11.1.4 Lateral Lumbar Interbody Fusion (LLIF)
- 11.1.5 Cervical Interbody Fusion (CIF)
- 11.1.6 Machined Bone Material

11.2 MARKET OVERVIEW

11.3 MARKET ANALYSIS AND FORECAST

- 11.3.1 Total Spinal Machined Bone Allograft Market
- 11.3.2 ALIF Machined Bone Allograft Market
 - 11.3.2.1 PLIF Machined Bone Allograft Market
 - 11.3.2.2 TLIF Machined Bone Allograft Market
 - 11.3.2.3 CIF Machined Bone Allograft Market

11.4 DRIVERS AND LIMITERS

- 11.4.1 Market Drivers

11.4.2 Market Limiters
11.5 COMPETITIVE ANALYSIS

ABBREVIATIONS

List Of Charts

LIST OF CHARTS

Chart 1 1: Orthopedic Biomaterials Market, U.S., 2011 – 2021

Chart 1 2: Orthopedic Bone Graft Substitute Market Growth by Segment, U.S., 2014, 2017 and 2021

Chart 1 3: Orthopedic Growth Factor Market, U.S., 2011, 2014, 2017 and 2021

Chart 1 4: Orthopedic Stem Cell Market by Segment, U.S., 2014 and 2021

Chart 1 5: Orthopedic Cell Therapy Market by Segment, U.S., 2011 – 2021

Chart 1 6: Orthopedic Hyaluronic Acid Viscosupplementation Market Breakdown by Segment, U.S., 2011, 2014, 2017 and 2021

Chart 1 7: Orthopedic Cartilage Repair Market by Segment, U.S., 2014

Chart 1 8: Spinal Machined Bone Allograft Market by Segment, U.S., 2013 – 2015

Chart 1 9: Leading Competitors, Orthopedic Biomaterials Market U.S., 2014

Chart 3 1: Orthopedic Biomaterials Market by Segment, U.S., 2011 – 2021

Chart 3 2: Orthopedic Biomaterials Market Breakdown, U.S., 2014

Chart 3 3: Orthopedic Biomaterials Market Breakdown, U.S., 2021

Chart 3 4: Orthopedic Biomaterials Market Growth by Segment, U.S., 2011 – 2021

Chart 3 5: Leading Competitors, Orthopedic Biomaterials Market, U.S., 2014

Chart 3 6: Herfindahl Index, Orthopedic Biomaterials Market, U.S., 2014

Chart 4 1: Bone Graft Procedure Numbers By Type, U.S., 2011 – 2021

Chart 4 2: Bone Graft Substitute Procedure Numbers by Material, U.S., 2011 – 2021

Chart 4 3: Bone Graft Substitute Procedure Numbers by Indication, U.S., 2011 – 2021

Chart 4 4: Growth Factor Bone Graft Procedure Numbers, U.S., 2011 – 2021

Chart 4 5: Stem Cell Bone Graft Procedure Numbers, U.S., 2011 – 2021

Chart 4 6: Cell Therapy Treatment Numbers by Type, U.S., 2011 – 2021

Chart 4 7: Platelet-Rich Plasma Treatment Numbers By Indication, U.S., 2011 – 2021

Chart 4 8: Bone Marrow Concentrate Treatment Numbers By Indication, U.S., 2011 – 2021

Chart 4 9: Hyaluronic Acid Treatment Numbers By Type, U.S., 2011 – 2021

Chart 4 10: Cartilage Repair Procedure Numbers By Type, U.S., 2011 – 2021

Chart 4 11: Spinal Machined Bone Allograft Procedure Numbers by Approach, U.S., 2011 – 2021

Chart 5 1: Bone Graft Substitute Procedure Numbers By Material, U.S., 2011 – 2021

Chart 5 2: Orthopedic Bone Graft Substitute Market by Material, U.S., 2011 – 2021

Chart 5 3: Orthopedic Bone Graft Substitute Market Breakdown by Material, U.S., 2014

Chart 5 4: Orthopedic Bone Graft Substitute Market Breakdown by Material, U.S., 2021

Chart 5 5: Orthopedic Bone Graft Substitute Market by Indication, U.S., 2011 – 2021

Chart 5 6: Orthopedic Bone Graft Substitute Market Breakdown by Indication, U.S., 2014

Chart 5 7: Orthopedic Bone Graft Substitute Market Breakdown by Indication, U.S., 2021

Chart 5 8: Total Orthopedic Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 9: Total Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 10: Allograft Bone Graft Substitute Market by Indication, U.S., 2011 – 2021

Chart 5 11: Total Spine Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 12: Cervical Spine Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 13: Thoracolumbar Spine Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 14: Total Trauma Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 15: Non-union Trauma Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 16: Fresh Fracture Trauma Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 17: Large Joint Reconstruction Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 18: Hip Large Joint Reconstruction Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 19: Knee Large Joint Reconstruction Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 20: Foot Reconstruction Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 21: Craniomaxillofacial Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 22: Oncology Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 23: Total Demineralized Bone Matrix Market, U.S., 2011 – 2021

Chart 5 24: Demineralized Bone Matrix Market by Indication, U.S., 2011 – 2021

Chart 5 25: Spine Demineralized Bone Matrix Market, U.S., 2011 – 2021

Chart 5 26: Cervical Spine Demineralized Bone Matrix Market, U.S., 2011 – 2021

Chart 5 27: Thoracolumbar Spine Demineralized Bone Matrix Market, U.S., 2011 – 2021

Chart 5 28: Trauma Demineralized Bone Matrix Market, U.S., 2011 – 2021

Chart 5 29: Non-union Trauma Demineralized Bone Matrix Market, U.S., 2011 – 2021

Chart 5 30: Fresh Fracture Trauma Demineralized Bone Matrix Market, U.S., 2011 – 2021

Chart 5 31: Large Joint Reconstruction Demineralized Bone Matrix Market, U.S., 2011 – 2021

Chart 5 32: Large Joint Reconstruction Demineralized Bone Matrix Market, U.S., 2011 –

2021

Chart 5 33: Knee Large Joint Reconstruction Demineralized Bone Matrix Market, U.S., 2011 – 2021

Chart 5 34: Foot Reconstruction Demineralized Bone Matrix Market, U.S., 2011 – 2021

Chart 5 35: Craniomaxillofacial Demineralized Bone Matrix Market, U.S., 2011 – 2021

Chart 5 36: Oncology Demineralized Bone Matrix Market, U.S., 2011 – 2021

Chart 5 37: Total Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 38: Synthetic Bone Graft Substitute Market by Indication, U.S., 2011 – 2021

Chart 5 39: Spine Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 40: Cervical Spine Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 41: Thoracolumbar Spine Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 42: Trauma Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 43: Non-union Trauma Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 44: Fresh Fracture Trauma Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 45: Large Joint Reconstruction Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 46: Hip Large Joint Reconstruction Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 47: Knee Large Joint Reconstruction Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 48: Foot Reconstruction Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 49: Craniomaxillofacial Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 50: Oncology Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 51: Spine Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 52: Cervical Spine Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 53: Thoracolumbar Spine Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 54: Trauma Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 55: Non-union Trauma Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 56: Fresh Fracture Trauma Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 57: Large Joint Reconstruction Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 58: Hip Reconstruction Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 59: Knee Large Joint Reconstruction Bone Graft Substitute Market, U.S., 2011 – 2021

Chart 5 60: Foot Reconstruction Bone Graft Substitute Market, U.S., 2011 – 2021

- Chart 5 61: Craniomaxillofacial Bone Graft Substitute Market, U.S., 2011 – 2021
- Chart 5 62: Oncology Bone Graft Substitute Market, U.S., 2011 – 2021
- Chart 5 63: Leading Competitors, Orthopedic Bone Graft Substitute Market, U.S., 2014
- Chart 6 1: Orthopedic Growth Factor Market, U.S., 2011 – 2021
- Chart 6 2: Leading Competitors, Orthopedic Growth Factor Market, U.S., 2014
- Chart 7 1: Orthopedic Stem Cell Market by Anatomy, U.S., 2011 – 2021
- Chart 7 2: Total Orthopedic Stem Cell Market, U.S., 2011 – 2021
- Chart 7 3: Cervical Spine Stem Cell Market, U.S., 2011 – 2021
- Chart 7 4: Lumbar Spine Stem Cell Market, U.S., 2011 – 2021
- Chart 7 5: Leading Competitors, Orthopedic Stem Cell Market, U.S., 2014
- Chart 8 1: Orthopedic Cell Therapy Market by Segment, U.S., 2011 – 2021
- Chart 8 2: Orthopedic Cell Therapy Market Breakdown, U.S., 2014
- Chart 8 3: Orthopedic Cell Therapy Market Breakdown, U.S., 2021
- Chart 8 4: Total Platelet-Rich Plasma Market, U.S., 2011 – 2021
- Chart 8 5: Soft Tissue Platelet-Rich Plasma Market, U.S., 2011 – 2021
- Chart 8 6: Orthopedic Platelet-Rich Plasma Market, U.S., 2011 – 2021
- Chart 8 7: Cardiac Platelet-Rich Plasma Market, U.S., 2011 – 2021
- Chart 8 8: Spine Platelet-Rich Plasma Market, U.S., 2011 – 2021
- Chart 8 9: Plastics Platelet-Rich Plasma Market, U.S., 2011 – 2021
- Chart 8 10: Total Bone Marrow Concentrate Market, U.S., 2011 – 2021
- Chart 8 11: Spine Bone Marrow Concentrate Market, U.S., 2011 – 2021
- Chart 8 12: Trauma Bone Marrow Concentrate Market, U.S., 2011 – 2021
- Chart 8 13: Soft Tissue Bone Marrow Concentrate Market, U.S., 2011 – 2021
- Chart 8 14: Joint Reconstruction Bone Marrow Concentrate Market, U.S., 2011 – 2021
- Chart 8 15: Leading Competitors, Orthopedic Cell Therapy Market, U.S., 2014
- Chart 9 1: Orthopedic Hyaluronic Acid Viscosupplementation Market by Segment, U.S., 2011 – 2021
- Chart 9 2: Orthopedic Hyaluronic Acid Viscosupplementation Market Breakdown, U.S., 2014
- Chart 9 3: Orthopedic Hyaluronic Acid Viscosupplementation Market Breakdown, U.S., 2021
- Chart 9 4: Single-Injection Hyaluronic Acid Viscosupplementation Market, U.S., 2011 – 2021
- Chart 9 5: Three-Injection Hyaluronic Acid Viscosupplementation Market, U.S., 2011 – 2021
- Chart 9 6: Five-Injection Hyaluronic Acid Viscosupplementation Market, U.S., 2011 – 2021
- Chart 9 7: Leading Competitors, Orthopedic Hyaluronic Acid Viscosupplementation Market, U.S., 2014

Chart 10 1: Orthopedic Cartilage Repair Market by Segment, U.S., 2011 – 2021

Chart 10 2: Orthopedic Cartilage Repair Market Breakdown, U.S., 2014

Chart 10 3: Orthopedic Cartilage Repair Market Breakdown, U.S., 2021

Chart 10 4: Osteochondral Allograft Market, U.S., 2011 – 2021

Chart 10 5: Meniscal Allograft Market, U.S., 2011 – 2021

Chart 10 6: Autologous Chondrocyte Implantation Market, U.S., 2011 – 2021

Chart 10 7: Particulated Juvenile Allograft Implant Market, U.S., 2011 – 2021

Chart 10 8: Microfracture Adjunct Market, U.S., 2011 – 2021

Chart 10 9: Leading Competitors, Orthopedic Cartilage Repair Market, U.S., 2014

Chart 11 1: Spinal Machined Bone Allograft Market by Segment, U.S., 2011 – 2021

Chart 11 2: Spinal Machined Bone Allograft Market Breakdown, U.S., 2014

Chart 11 3: Spinal Machined Bone Allograft Market Breakdown, U.S., 2021

Chart 11 4: Total Spinal Machined Bone Allograft Market, U.S., 2011 – 2021

Chart 11 5: ALIF Machined Bone Allograft Market, U.S., 2011 – 2021

Chart 11 6: PLIF Machined Bone Allograft Market, U.S., 2011 – 2021

Chart 11 7: TLIF Machined Bone Allograft Market, U.S., 2011 – 2021

Chart 11 8: CIF Machined Bone Allograft Market, U.S., 2011 – 2021

Chart 11 9: Leading Competitors, Spinal Machined Bone Allograft Market, U.S., 2014

List Of Figures

LIST OF FIGURES

- Figure 3 1: Orthopedic Biomaterials Market by Segment, U.S., 2011 – 2021 (US\$M)
- Figure 3 2: Orthopedic Biomaterials Market Growth by Segment, U.S., 2011 – 2021
- Figure 3 3: Drivers and Limiters, Orthopedic Biomaterials Market, U.S., 2014
- Figure 3 4: Leading Competitors, Orthopedic Biomaterials Market, U.S., 2014 (Part 1 of 2)
- Figure 3 5: Leading Competitors, Orthopedic Biomaterials Market, U.S., 2014 (Part 2 of 2)
- Figure 3 6: Herfindahl Index, Orthopedic Biomaterials Market, U.S., 2014
- Figure 4 1: Bone Graft Procedure Numbers By Type, U.S., 2011 – 2021
- Figure 4 2: Bone Graft Substitute Procedure Numbers by Material, U.S., 2011 – 2021
- Figure 4 3: Bone Graft Substitute Procedure Numbers by Indication, U.S., 2011 – 2021
- Figure 4 4: Growth Factor Bone Graft Procedure Numbers, U.S., 2011 – 2021
- Figure 4 5: Stem Cell Bone Graft Procedure Numbers, U.S., 2011 – 2021
- Figure 4 6: Cell Therapy Treatment Numbers by Type, U.S., 2011 – 2021
- Figure 4 7: Platelet-Rich Plasma Treatment Numbers By Indication, U.S., 2011 – 2021
- Figure 4 8: Bone Marrow Concentrate Treatment Numbers By Indication, U.S., 2011 – 2021
- Figure 4 9: Hyaluronic Acid Treatment Numbers By Type, U.S., 2011 – 2021
- Figure 4 10: Cartilage Repair Procedure Numbers By Type, U.S., 2011 – 2021
- Figure 4 11: Spinal Machined Bone Allograft Procedure Numbers by Approach, U.S., 2011 – 2021
- Figure 5 1: Bone Graft Substitute Procedure Numbers By Material, U.S., 2011 – 2021
- Figure 5 2: Units per Procedure by Indication, Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 3: Orthopedic Bone Graft Substitute Market by Material, U.S., 2011 – 2021 (US\$M)
- Figure 5 4: Orthopedic Bone Graft Substitute Market by Indication, U.S., 2011 – 2021 (US\$M)
- Figure 5 5: Total Orthopedic Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 6: Total Allograft Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 7: Allograft Bone Graft Substitute Market by Indication, U.S., 2011 – 2021 (US\$M)
- Figure 5 8: Total Spine Allograft Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 9: Cervical Spine Allograft Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 10: Thoracolumbar Spine Allograft Bone Graft Substitute Market, U.S., 2011 –

2021

Figure 5 11: Total Trauma Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Figure 5 12: Non-union Trauma Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Figure 5 13: Fresh Fracture Trauma Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Figure 5 14: Large Joint Reconstruction Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Figure 5 15: Hip Large Joint Reconstruction Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Figure 5 16: Knee Large Joint Reconstruction Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Figure 5 17: Foot Reconstruction Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Figure 5 18: Craniomaxillofacial Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Figure 5 19: Oncology Allograft Bone Graft Substitute Market, U.S., 2011 – 2021

Figure 5 20: Total Demineralized Bone Matrix Market, U.S., 2011 – 2021

Figure 5 21: Demineralized Bone Matrix Market (with Carriers), U.S., 2011 – 2021

Figure 5 22: Demineralized Bone Matrix Market (without Carriers), U.S., 2011 – 2021

Figure 5 23: Demineralized Bone Matrix Market by Indication, U.S., 2011 – 2021 (US\$M)

Figure 5 24: Spine Demineralized Bone Matrix Market, U.S., 2011 – 2021

Figure 5 25: Cervical Spine Demineralized Bone Matrix Market, U.S., 2011 – 2021

Figure 5 26: Thoracolumbar Spine Demineralized Bone Matrix Market, U.S., 2011 – 2021

Figure 5 27: Trauma Demineralized Bone Matrix Market, U.S., 2011 – 2021

Figure 5 28: Non-union Trauma Demineralized Bone Matrix Market, U.S., 2011 – 2021

Figure 5 29: Fresh Fracture Trauma Demineralized Bone Matrix Market, U.S., 2011 – 2021

Figure 5 30: Large Joint Reconstruction Demineralized Bone Matrix Market, U.S., 2011 – 2021

Figure 5 31: Hip Large Joint Reconstruction Demineralized Bone Matrix Market, U.S., 2011 – 2021

Figure 5 32: Knee Large Joint Reconstruction Demineralized Bone Matrix Market, U.S., 2011 – 2021

Figure 5 33: Foot Reconstruction Demineralized Bone Matrix Market, U.S., 2011 – 2021

Figure 5 34: Craniomaxillofacial Demineralized Bone Matrix Market, U.S., 2011 – 2021

Figure 5 35: Oncology Demineralized Bone Matrix Market, U.S., 2011 – 2021

- Figure 5 36: Total Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 37: Synthetic Bone Graft Substitute Market by Indication, U.S., 2011 – 2021 (US\$M)
- Figure 5 38: Spine Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 39: Cervical Spine Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 40: Thoracolumbar Spine Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 41: Trauma Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 42: Non-union Trauma Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 43: Fresh Fracture Trauma Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 44: Large Joint Reconstruction Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 45: Hip Large Joint Reconstruction Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 46: Knee Large Joint Reconstruction Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 47: Foot Reconstruction Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 48: Craniomaxillofacial Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 49: Oncology Synthetic Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 50: Spine Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 51: Cervical Spine Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 52: Thoracolumbar Spine Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 53: Trauma Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 54: Non-union Trauma Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 55: Fresh Fracture Trauma Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 56: Large Joint Reconstruction Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 57: Hip Large Joint Reconstruction Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 58: Knee Large Joint Reconstruction Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 59: Foot Reconstruction Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 60: Craniomaxillofacial Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 61: Oncology Bone Graft Substitute Market, U.S., 2011 – 2021
- Figure 5 62: Drivers and Limiters, Orthopedic Bone Graft Substitute Market, U.S., 2014

Figure 5 63: Leading Competitors, Orthopedic Bone Graft Substitute Market by Segment, U.S., 2014

Figure 6 1: Orthopedic Growth Factor Market, U.S., 2011 – 2021

Figure 6 2: Drivers and Limiters, Orthopedic Growth Factor Market, U.S., 2014

Figure 6 3: Leading Competitors, Orthopedic Growth Factor Market, U.S., 2014

Figure 7 1: Orthopedic Stem Cell Market by Anatomy, U.S., 2011 – 2021 (US\$M)

Figure 7 2: Total Orthopedic Stem Cell Market, U.S., 2011 – 2021

Figure 7 3: Cervical Spine Stem Cell Market, U.S., 2011 – 2021

Figure 7 4: Lumbar Spine Stem Cell Market, U.S., 2011 – 2021

Figure 7 5: Drivers and Limiters, Orthopedic Stem Cell Market, U.S., 2014

Figure 7 6: Leading Competitors, Orthopedic Stem Cell Market, U.S., 2014

Figure 8 1: Orthopedic Cell Therapy Market by Segment, U.S., 2011 – 2021 (US\$M)

Figure 8 2: Total Platelet-Rich Plasma Market, U.S., 2011 – 2021

Figure 8 3: Soft Tissue Platelet-Rich Plasma Market, U.S., 2011 – 2021

Figure 8 4: Orthopedic Platelet-Rich Plasma Market, U.S., 2011 – 2021

Figure 8 5: Cardiac Platelet-Rich Plasma Market, U.S., 2011 – 2021

Figure 8 6: Spine Platelet-Rich Plasma Market, U.S., 2011 – 2021

Figure 8 7: Plastics Platelet-Rich Plasma Market, U.S., 2011 – 2021

Figure 8 8: Total Bone Marrow Concentrate Market, U.S., 2011 – 2021

Figure 8 9: Spine Bone Marrow Concentrate Market, U.S., 2011 – 2021

Figure 8 10: Trauma Bone Marrow Concentrate Market, U.S., 2011 – 2021

Figure 8 11: Soft Tissue Bone Marrow Concentrate Market, U.S., 2011 – 2021

Figure 8 12: Joint Reconstruction Bone Marrow Concentrate Market, U.S., 2011 – 2021

Figure 8 13: Drivers and Limiters, Orthopedic

I would like to order

Product name: U.S. Orthopedic Biomaterials Market

Product link: <https://marketpublishers.com/r/UFFA242CE48EN.html>

Price: US\$ 6,495.00 (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/UFFA242CE48EN.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