

Bone Grafts and Substitutes: Global Markets

<https://marketpublishers.com/r/B33FE690E681EN.html>

Date: November 2021

Pages: 181

Price: US\$ 2,750.00 (Single User License)

ID: B33FE690E681EN

Abstracts

Report Scope:

This report will provide details about bone grafts and substitutes used in the treatment of orthopedic disease, facial surgery, dental surgery, and other surgical process. The report will describe the market impact of COVID-19 and highlight the current and future potential for bone grafts and substitutes with detailed analysis of the competitive environment. Drivers, restraints, opportunities, pricing analysis, prevalence or orthopedic diseases, orthopedic surgeries and regulatory scenario assessment will be covered. The report offers a market projection for 2026.

The report segments the market for bone grafts and substitutes by product and geography. Product types are synthetic bone substitutes (composite bone substitute, growth factor substitutes, bone substitutes with living cells) and natural bone grafts (xenograft, autograft, allograft, phylogenetic materials).

By geography, the market has been segmented into North America, Europe, Asia Pacific, Latin America and the Middle East and African region. Detailed analysis of major countries such as the U.S., Germany, the U.K., Italy, France, Spain, Japan, China, India, Brazil, Mexico, GCC countries and South Africa are offered. Data will be provided for 2020 as the base year, with estimates for 2021 and forecast value for 2026.

Within each section are discussions of commercialization opportunities. New or emerging devices, techniques and pharmaceuticals are highlighted.

Profiles of leading companies involved with bone grafts and substitutes, tissue transplantation and alternative technologies are included. This report provides information on company placement within the market and strategic analyses of available and emerging products.

This report cites autologous products only in relation to impact on the market for allografts. It does not include blood products, except for peripheral and umbilical cord blood as a source of stem cells.

Report Includes:

23 data tables and 26 additional tables

An overview of the global markets for bone grafts and substitutes used in the treatment of orthopedic disease, facial surgery, dental surgery, and other surgical process

Analyses of the global market trends, with historic data from 2019-2020, estimates for 2021, and projections of compound annual growth rates (CAGRs) through 2026

Evaluation and forecast the overall bone grafts and substitutes market size in dollar value terms, and corresponding market share analysis by product type and geographic region

Discussion of key market dynamics (DROs), technology advancements, regulatory scenario, pricing analysis, and competitive environment of the vendor companies

Highlights of the market potential for bone grafts and substitutes, opportunities and gaps estimating current and future demand, and rising incidence and prevalence of orthopedic diseases worldwide

Country specific data and market value analysis for the U.S., Germany, the U.K., Italy, France, Spain, Japan, China, India, Brazil, Mexico, GCC countries and South Africa

Impact analysis of COVID-19 pandemic on the progress of bone grafts and substitutes global market

Insight into the recent industry strategies, merger and acquisition deals, company competitive landscape and value share analysis of the key players operating in the global market

Profile descriptions of the leading medical device manufacturers and suppliers within the industry, including Johnson & Johnson, Anika Therapeutics Inc., Cook Medical Inc., Patterson Companies, Integra and Zimmer Biomet Holdings

Contents

CHAPTER 1 INTRODUCTION

Study Goals and Objectives
Reasons for Doing This Study
Scope of Report
Information Sources
Methodology
Geographic Breakdown
Analyst's Credentials
BCC Custom Research
Related BCC Research Reports

CHAPTER 2 SUMMARY AND HIGHLIGHTS

CHAPTER 3 MARKET AND TECHNOLOGY BACKGROUND

Introduction
Bone Graft and Substitutes: Overview
Cost of Care
Solid Organ Preservation
Ideal Bone Grafting Material
Natural Bone Graft and Substitute Materials
Synthetic Bone Substitute Materials
Composite Bone Substitute Materials
Bone Substitutes with Infused Living Osteogenic Cells
Trends in Bone Graft and Substitutes Market
3D Tissue Assembly
Nanotechnology
Innovation from Small Firms

CHAPTER 4 MARKET DYNAMICS

Market Drivers
Rapid Development, Dental Technology
Elder Population
Sport Injuries
Disposable Income

Market Restraints
Government Approval
Lower Outcomes
Market Opportunities
Launches, Mergers and Acquisitions (M&A)
Cosmetic Dentistry

CHAPTER 5 MARKET BREAKDOWN, BY PRODUCT

Introduction
Orthopedic Alternatives
Global Market for Bone Graft and Substitutes
Synthetic Bone Substitutes
Market Size and Forecast
Natural Bone Grafts
Market Size and Forecast

CHAPTER 6 MARKET BREAKDOWN, BY SYNTHETIC BONE SUBSTITUTE

Composite Bone Substitutes
Market Size and Forecast
Growth Factor Substitutes
Market Size and Forecast
Bone Substitutes with Living Cells
Market Size and Forecast

CHAPTER 7 MARKET BREAKDOWN, BY NATURAL BONE GRAFT

Xenografts
Market Size and Forecast
Autograft
Market Size and Forecast
Allograft
Classification of Bone Grafts Based on Material Groups:
Market Size and Forecast
Phytogenic Materials
Market Size and Forecast

CHAPTER 8 MARKET BREAKDOWN, BY REGION

Global Market for Bone Graft and Substitutes, by Region

North America

United States

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Spain

Rest of Europe

Asia-Pacific

Japan

China

India

Australia and New Zealand

Rest of Asia-Pacific

Latin America

Market Analysis

Brazil

Argentina

Rest of Latin American Countries

Middle East and Africa

Market Analysis

GCC Countries

South Africa

Rest of Middle East and African Countries

CHAPTER 9 IMPACT OF COVID-19

Introduction

Minimizing Infection Risk in Recipients

Donor selection criteria:

Future Perspectives

CHAPTER 10 REGULATIONS & REIMBURSEMENT

Regulations in the U.S.
U.S. Federal Regulation of Human Tissue
History of Regulation in the U.S.
Regulations Outside the U.S.
Reimbursement in the U.S.
Organ Acquisition Costs
Reimbursement for Hospital Costs
Reimbursement for Physician Services
Reimbursement for Immunosuppressants in the U.S.
Reimbursement Outside the U.S.
Treatment in EU Countries

CHAPTER 11 COMPETITIVE LANDSCAPE

Global Analysis of Companies
Mergers and Acquisitions
Agreements, Launches, Collaborations and Partnerships

CHAPTER 12 COMPANY PROFILES

ALLOSOURCE INC.
ANIKA THERAPEUTICS INC.
ARTHREX INC.
BIOHORIZONS IPH
BIOTISSUE TECHNOLOGIES GMBH
COOK MEDICAL INC.
DENTSPLY SIRONA
GLOBUS MEDICAL INC.
INTEGRA LIFESCIENCES CORP.
JOHNSON & JOHNSON
PATTERSON COMPANIES INC.
SEASPINE
STRAUMANN HOLDING AG.
ZIMMER BIOMET HOLDINGS

CHAPTER 13 APPENDIX: ACRONYMS

List Of Tables

LIST OF TABLES

Summary Table: Global Market for Bone Graft and Substitutes, by Product, Through 2026

Table 1: Bone Graft Techniques

Table 2: Characteristics of Natural Bone Graft

Table 3: Characteristics of Synthetic Bone Grafts

Table 4: MiMedx: Patent Portfolio

Table 5: Selected Commercial Opportunities for Orthopedic Devices

Table 6: Global Market for Bone Graft and Substitutes, by Product, Through 2026

Table 7: Cartilage and Soft Tissue Biologics and Biomaterials

Table 8: Global Market for Synthetic Bone in Bone Graft and Substitutes, by Region, Through 2026

Table 9: Global Market for Natural Bone in Bone Graft and Substitutes, by Region, Through 2026

Table 10: Global Market for Composite Bone in Bone Graft and Substitutes, by Region, Through 2026

Table 11: Global Market for Growth Factor Substitutes in Bone Graft and Substitutes, by Region, Through 2026

Table 12: Global Market for Bone Substitutes with Living Cells in Bone Graft and Substitutes, by Region, Through 2026

Table 13: Global Market for Xenograft in Bone Graft and Substitutes, by Region, Through 2026

Table 14: Global Market for Autograft in Bone Graft and Substitutes, by Region, Through 2026

Table 15: Global Market for Allograft in Bone Graft and Substitutes, by Region, Through 2026

Table 16: Global Market for Phytogenic Materials in Bone Graft and Substitutes, by Region, Through 2026

Table 17: Global Market for Bone Graft and Substitutes, by Region, Through 2026

Table 18: North American Market for Bone Graft and Substitutes, by Product, Through 2026

Table 19: North American Market for Bone Graft and Substitutes, by Country, Through 2026

Table 20: European Market for Bone Graft and Substitutes, by Product, Through 2026

Table 21: European Market for Bone Graft and Substitutes, by Country, Through 2026

Table 22: Cost of Bone Damage Repair and Related Disorders, Europe

Table 23: Asia-Pacific Market for Bone Graft and Substitutes, by Product, Through 2026

Table 24: Asia-Pacific Market for Bone Graft and Substitutes, by Country, Through 2026

Table 25: Joint Replacement Procedures, Australia, 2017

Table 26: LATAM Market for Bone Graft and Substitutes, by Product, Through 2026

Table 27: Latin American Market for Bone Graft and Substitutes, by Country, Through 2026

Table 28: MEA Market for Bone Graft and Substitutes, by Product, Through 2026

Table 29: Middle East and African Market for Bone Graft and Substitutes, by Country, Through 2026

Table 30: Immunosuppressive Drugs Currently Covered by Medicare*

Table 31: Overview of Medicare Immunosuppressive Drug Coverage

Table 32: Selected Transplant Industry Acquisitions, 2010-2020

Table 33: AlloSource Inc.: Product Portfolio

Table 34: Anika Therapeutics Inc.: Product Portfolio

Table 35: Arthrex Inc.: Orthopedic Products, by Segment

Table 36: BioHorizons: Products

Table 37: Biotissue Technologies GmbH: Products

Table 38: Cook Medical Inc.: Product Portfolio

Table 39: Dentsply Sirona: Dental Bone Graft and Substitutes Product Portfolio

Table 40: Globus Medical Inc.: Product Portfolio

Table 41: Integra: Product Portfolio

Table 42: Johnson & Johnson: Product Portfolio

Table 43: Patterson Companies: Bone Graft and Substitutes Product Portfolio

Table 44: SeaSpine: Product Portfolio

Table 45: Straumann Holding AG: Product Portfolio

Table 46: Zimmer Biomet Holdings: Product Portfolio

Table 47: Zimmer Biomet Holdings: Products

Table 48: Acronyms Used in This Report

List Of Figures

LIST OF FIGURES

Summary Figure: Global Market Share for Bone Graft and Substitutes, by Product, 2020

Figure 1: Snapshot of Bone Grafts and Substitute Materials

Figure 2: Nanotechnology and Tissue Regeneration

Figure 3: 65+ Population, by Region, 2015 and 2050

Figure 4: Healthcare Expenditures, Select Countries, 2016

Figure 5: National Health Expenditure, U.S., 2016

Figure 6: Average Annual Growth Rate of GDP per Capita vs. Healthcare Spending per Capita, 1970-2016

Figure 7: Global Market Share for Bone Graft and Substitutes, by Product, 2020

Figure 8: Global Market Share for Synthetic Bone Substitutes, by Product, 2020

Figure 9: Global Market Share for Natural Bone Grafts, by Product, 2020

Figure 10: Global Market for Synthetic Bone in Bone Graft and Substitutes, 2019-2026

Figure 11: Global Market for Synthetic Bone in Bone Graft and Substitutes, by Region, 2019-2026

Figure 12: Global Market for Natural Bone in Bone Graft and Substitutes, 2019-2026

Figure 13: Global Market for Natural Bone in Bone Graft and Substitutes, by Region, 2019-2026

Figure 14: Global Market for Composite Bone in Bone Graft and Substitutes, 2019-2026

Figure 15: Global Market for Composite Bone in Bone Graft and Substitutes, by Region, 2019-2026

Figure 16: Global Market for Growth Factor Substitutes in Bone Graft and Substitutes, 2019-2026

Figure 17: Global Market for Growth Factor Substitutes in Bone Graft and Substitutes, by Region, 2019-2026

Figure 18: Global Market for Bone Substitutes with Living Cells in Bone Graft and Substitutes, 2019-2026

Figure 19: Global Market for Bone Substitutes with Living Cells in Bone Graft and Substitutes, by Region, 2019-2026

Figure 20: Global Market for Xenograft in Bone Graft and Substitutes, 2019-2026

Figure 21: Global Market for Xenograft in Bone Graft and Substitutes, by Region, 2019-2026

Figure 22: Global Market for Autograft in Bone Graft and Substitutes, 2019-2026

Figure 23: Global Market for Autograft in Bone Graft and Substitutes, by Region, 2019-2026

Figure 24: Global Market for Allograft in Bone Graft and Substitutes, 2019-2026

- Figure 25: Number of People Affected, by Common Dental Diseases, 2010
- Figure 26: Global Market for Allograft in Bone Graft and Substitutes, by Region, 2019-2026
- Figure 27: Global Market for Phytogenic Materials in Bone Graft and Substitutes, 2019-2026
- Figure 28: Global Market for Phytogenic Materials in Bone Graft and Substitutes, by Region, 2019-2026
- Figure 29: Global Market Share for Bone Graft and Substitutes, by Region, 2020
- Figure 30: North American Market Share for Bone Graft and Substitutes, by Product, 2020
- Figure 31: North American Market Share for Synthetic Bone Substitutes, by Product, 2020
- Figure 32: North American Market Share for Natural Bone Grafts, by Product, 2020
- Figure 33: North American Market Share for Bone Graft and Substitutes, by Country, 2020
- Figure 34: U.S. Market for Bone Graft and Substitutes, 2019-2026
- Figure 35: Canadian Market for Bone Graft and Substitutes, 2019-2026
- Figure 36: Mexican Market for Bone Graft and Substitutes, 2019-2026
- Figure 37: European Market Share for Bone Graft and Substitutes, by Product, 2020
- Figure 38: European Market Share for Synthetic Bone Substitutes, by Product, 2020
- Figure 39: European Market Share for Natural Bone Grafts, by Product, 2020
- Figure 40: European Market Share for Bone Graft and Substitutes, by Country, 2020
- Figure 41: German Market for Bone Graft and Substitutes, 2019-2026
- Figure 42: French Market for Bone Graft and Substitutes, 2019-2026
- Figure 43: U.K. Market for Bone Graft and Substitutes, 2019-2026
- Figure 44: Italian Market for Bone Graft and Substitutes, 2019-2026
- Figure 45: Spanish Market for Bone Graft and Substitutes, 2019-2026
- Figure 46: Rest of European Market for Bone Graft and Substitutes, 2019-2026
- Figure 47: Asia-Pacific Market Share for Bone Graft and Substitutes, by Product, 2020
- Figure 48: Asia-Pacific Market Share for Synthetic Bone Substitutes, by Product, 2020
- Figure 49: Asia-Pacific Market Share for Natural Bone Grafts, by Product, 2020
- Figure 50: Asia-Pacific Market Share for Bone Graft and Substitutes, by Country, 2020
- Figure 51: Japanese Market for Bone Graft and Substitutes, 2019-2026
- Figure 52: Chinese Market for Soft Tissue Allograft, 2019-2026
- Figure 53: Indian Market for Bone Graft and Substitutes, 2019-2026
- Figure 54: Australia and New Zealand Market for Bone Graft and Substitutes, 2019-2026
- Figure 55: Rest of Asia-Pacific Market for Bone Graft and Substitutes, 2019-2026
- Figure 56: LATAM Market Share for Bone Graft and Substitutes, by Product, 2020

Figure 57: LATAM Market Share for Synthetic Bone Substitutes, by Product, 2020

Figure 58: LATAM Market Share for Natural Bone Grafts, by Product, 2020

Figure 59: Latin American Market Share for Bone Graft and Substitutes, by Country, 2020

Figure 60: Brazilian Market for Bone Graft and Substitutes, 2019-2026

Figure 61: Argentinian Market for Bone Graft and Substitutes, 2019-2026

Figure 62: Rest of Latin American Market for Bone Graft and Substitutes, 2019-2026

Figure 63: MEA Market Share for Bone Graft and Substitutes, by Product, 2020

Figure 64: MEA Market Share for Synthetic Bone Substitutes, by Product, 2020

Figure 65: MEA Market Share for Natural Bone Grafts, by Product, 2020

Figure 66: Middle East and African Market Share for Bone Graft and Substitutes, by Country, 2020

Figure 67: GCC Countries Market for Bone Graft and Substitutes, 2019-2026

Figure 68: South African Market for Bone Graft and Substitutes, 2019-2026

Figure 69: Rest of Middle East and African Market for Bone Graft and Substitutes, 2019-2026

Figure 70: Organ Transplantation, COVID-19

Figure 71: Medical Insurance, Dental Implants

Figure 72: Global Market Share for Bone Graft and Substitutes, by Company, 2020

Figure 73: AlloSource Inc.: Annual Revenue, 2016-2020

Figure 74: Anika Therapeutics Inc.: Annual Revenue, 2016-2020

Figure 75: Anika Therapeutics Inc.: Revenue Share, by Region/Country, 2020

Figure 76: Anika Therapeutics Inc.: Revenue Share, by Business Unit, 2020

Figure 77: Dentsply Sirona: Annual Revenue, 2017-2020

Figure 78: Dentsply Sirona: Revenue Share, by Region/Country, 2020

Figure 79: Dentsply Sirona: Yearly Revenue, by Dental Consumable Product, 2017-2020

Figure 80: Johnson & Johnson: Annual Revenue, 2016-2020

Figure 81: Johnson & Johnson: Revenue Share, by Region/Country, 2019

Figure 82: Johnson & Johnson: Revenue Share, by Business Unit, 2019

Figure 83: Patterson Companies: Annual Revenue, 2018-2020

Figure 84: Patterson Companies: Revenue Share, by Region, 2020

Figure 85: Patterson Companies Inc.: Revenue Share, by Segment, 2020

Figure 86: Straumann Holding AG: Annual Revenue, 2017-2020

Figure 87: Straumann Holding AG: Revenue Share, by Region/Country, 2020

Figure 88: Zimmer Biomet Holdings: Annual Revenue, 2016-2020

Figure 89: Zimmer Biomet Holdings: Revenue Share, by Region, 2020

Figure 90: Zimmer Biomet Holdings: Revenue Share, by Product, 2020

I would like to order

Product name: Bone Grafts and Substitutes: Global Markets

Product link: <https://marketpublishers.com/r/B33FE690E681EN.html>

Price: US\$ 2,750.00 (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/B33FE690E681EN.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