

# **Bone Graft and Substitutes Market Report by Material Type (Allografts, Bone Graft Substitutes, Cell-based Matrices, and Others), Application (Spinal Fusion, Trauma, Joint Reconstruction, Foot and Ankle, Dental Bone Grafting, Craniomaxillofacial, and Others), End User (Hospitals, Surgical Centres, Clinics, and Others), and Region 2024-2032**

<https://marketpublishers.com/r/B21986674871EN.html>

Date: March 2024

Pages: 142

Price: US\$ 3,899.00 (Single User License)

ID: B21986674871EN

## **Abstracts**

The global bone graft and substitutes market size reached US\$ 3.2 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 5.1 Billion by 2032, exhibiting a growth rate (CAGR) of 5.2% during 2024-2032. The market is experiencing robust growth, driven by the rising incidence of bone-related disorders, rapid technological advancements in graft materials, increasing incidences of orthopedic surgeries, growing preference for minimally invasive (MI) surgical techniques, and the implementation of supportive governmental initiatives in research and development (R&D).

**Bone Graft and Substitutes Market Analysis:**

**Market Growth and Size:** The market is witnessing stable growth, driven by the rising demand for orthopedic surgeries and advanced bone graft materials, growing geriatric population, rapid technological advancements, and the increasing incidences of bone-related diseases.

**Major Market Drivers:** Key drivers influencing the market growth include the rising prevalence of bone and joint disorders, advancements in graft materials, increasing number of orthopedic surgeries, growing preference for minimally invasive surgeries (MIS), and implementation of supportive government initiatives.

**Key Market Trends:** The key market trends involve the ongoing shift towards using

synthetic and biocompatible bone graft substitutes and cell-based matrices due to concerns over disease transmission and consistency in traditional grafts. Additionally, the integration of three-dimensional (3D) printing and nanotechnology in graft manufacturing is bolstering the market growth.

**Geographical Trends:** North America leads the market due to its advanced healthcare infrastructure, high healthcare spending, and the presence of major key market players. Other regions are also showing significant growth, fueled by increasing healthcare expenditure and improvements in healthcare infrastructure.

**Competitive Landscape:** The market is characterized by the active involvement of key players who are focusing on research and development (R&D), strategic mergers and acquisitions, and global expansion. Furthermore, companies are investing in marketing and educational efforts to increase product awareness and adoption.

**Challenges and Opportunities:** The market faces various challenges, such as stringent regulatory environments, high cost of advanced graft materials, and ethical concerns regarding the use of certain grafts. However, growing demand for innovative and effective bone graft solutions in emerging markets and the development of personalized and advanced graft materials are creating new opportunities for the market growth.

#### Bone Graft and Substitutes Market Trends:

##### Increasing incidence of bone and joint disorders

The rising prevalence of bone and joint disorders, such as osteoporosis, osteoarthritis, and spinal disorders, is one of the major factors boosting the market growth. In line with this, the growing demand for effective treatment options, including bone grafts and substitutes, as they are crucial in surgeries related to spinal fusions, joint reconstruction, and trauma surgeries, is favoring the market growth. Moreover, the increasing geriatric population across the globe, who are susceptible to joint disorders is propelling the market growth. Along with this, the rising incidence of bone and joint disorders due to lifestyle factors, including reduced physical activity and poor nutrition, is also contributing to the market growth. Besides this, the heightened demand for bone grafts and substitutes due to the growing awareness and diagnosis rates of various conditions is acting as a growth-inducing factor.

##### Rapid technological advancements

The rising advancements in biomaterials that are used for bone grafting are major factors bolstering the market growth. In line with this, the development of synthetic and biocompatible materials, such as calcium phosphate ceramics, bioactive glasses, and various polymers that efficiently aid in bone regeneration and healing, is providing a

thrust to the market growth. They offer several advantages, such as reduced risk of disease transmission, consistent quality, and the ability to tailor the material properties to specific clinical needs. Moreover, the widespread integration of advanced technologies like three-dimensional (3D) printing that enable the creation of customized grafts that perfectly match the patient's anatomy while improving surgical outcomes is anticipated to drive the market growth. Besides this, the rapid utilization of nanotechnology in bone grafting materials to mimic the natural bone structure more closely, offering improved osteoconduction and biocompatibility, is stimulating the market growth.

### Increasing cases of orthopedic surgeries

The increasing number of orthopedic surgeries performed across the globe due to the rising prevalence of sports injuries, accidents, and the growing geriatric population, is a major factor propelling the market growth. Moreover, the increasing utilization of bone grafts and substitutes in procedures such as spinal fusion, limb salvage surgeries, and reconstructive surgeries is creating a positive outlook for the market growth. Along with this, the escalation in orthopedic surgeries due to the rising prevalence of chronic diseases that affect the musculoskeletal system, like diabetes and rheumatoid arthritis, is bolstering the market growth. Apart from this, the heightened diversification of orthopedic procedures, including the advent of new surgical techniques and the expansion of surgical indications, are contributing to the market growth.

### Growing preference for minimally invasive (MI) surgical procedures

The increasing preference for minimally invasive surgeries (MIS) among patients and surgeons due to its various benefits, such as reduced surgical trauma, shorter hospital stays, and faster recovery times, is acting as a growth-inducing factor. Moreover, the development and adoption of bone grafting products suitable for minimally invasive applications, propelling the demand for allografts, demineralized bone matrices, and synthetic grafts, is providing a considerable boost to the market growth. Additionally, rapid advancements in surgical instruments and imaging technologies, which allow for more precise and efficient surgeries, are acting as a growth-inducing factor. In line with this, the development of specialized MIS tools that are compatible with bone graft materials to enhance the efficiency and success rates of the procedures is fostering the market growth.

### Implementation of supportive government initiatives

The increasing support by government bodies and healthcare organizations for research and development (R&D) in bone grafts and substitutes is a major factor fueling the market growth. It includes funding, grants, and facilitation of regulatory approvals for new and advanced products, aiding the development of innovative bone grafting solutions. Moreover, the growing collaboration between research institutions and industry players, leading to technological innovations and improved clinical outcomes, is providing an impetus to the market growth. In line with this, the rising public-private partnerships that provide a platform for clinical trials and studies to validate the efficacy and safety of new products are enhancing the market growth. Apart from this, the imposition of policies that streamline the approval process for new products, significantly reducing the time and cost associated with developing new products, is contributing to the market growth.

#### Bone Graft and Substitutes Industry Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the global and regional levels for 2024-2032. Our report has categorized the market based on material type, application, and end user.

#### Breakup by Material Type:

Allografts

Machined Allografts

Demineralized Bone Matrix (DBMs)

Bone Graft Substitutes

Bone Morphogenic Proteins (BMPs)

Synthetic Bone Grafts

Cell-based Matrices

Others

Allografts accounts for the majority of the market share

The report has provided a detailed breakup and analysis of the market based on the material type. This includes allografts (machined allografts and demineralized bone matrix (DBMs)), bone graft substitutes (bone morphogenic proteins (BMPs) and synthetic bone grafts), cell-based matrices, and others. According to the report, allografts represented the largest segment.

Allografts hold the largest market share as they are extensively used in various orthopedic procedures due to their osteoconductive and osteoinductive properties. They

are favored in complex surgeries, such as spinal fusion, due to their ability to mimic natural bone structure and promote new bone growth. Moreover, allografts are available in various forms, including fresh, freeze-dried, and demineralized bone matrices, catering to a wide range of clinical needs. Besides this, the rising preference for allografts due to their effectiveness in facilitating bone healing, thus reducing the risk of patient morbidity associated with autograft harvesting is acting as growth-inducing factors.

Bone graft substitutes comprise synthetic materials or biologically derived products that are used as alternatives to traditional bone grafts. They include ceramics, polymers, and composite materials designed to provide a scaffold for bone growth and reduce the need for autografts or allografts. Moreover, their consistent quality and the elimination of risks related to disease transmission or immune rejection are enhancing the market growth.

Cell-based matrices involve the use of living cells combined with scaffolding materials to promote bone regeneration. They are seeded with a patient's cells or donor cells, making them highly biocompatible and effective in enhancing the bone healing process. Moreover, the widespread integration of stem cell technology and tissue engineering in cell-based matrices is driving the market growth.

Breakup by Application:

Spinal Fusion

Trauma

Joint Reconstruction

Foot and Ankle

Dental Bone Grafting

Craniofacial

Others

Spinal fusion holds the largest share in the industry

A detailed breakup and analysis of the market based on the application have also been provided in the report. This includes spinal fusion, trauma, joint reconstruction, foot and ankle, dental bone grafting, craniofacial, and others. According to the report, spinal fusion accounted for the largest market share.

Spinal fusion represents the largest segment in the market, driven by the increasing

prevalence of spinal disorders, such as degenerative disc disease, scoliosis, and spinal stenosis. Bone grafts and substitutes are essential in spinal fusion surgeries for facilitating the fusion of two or more vertebrae to stabilize the spine and alleviate pain. Moreover, the effectiveness of bone grafts in promoting bone growth and healing is creating a positive outlook for the market growth. Besides this, the increasing utilization of demineralized bone matrices, along with synthetic bone graft substitutes in spinal fusion surgeries, due to their osteoconductive properties and ability to integrate with the patient's bone, is supporting the market growth.

Trauma surgeries involve the use of bone grafts and substitutes in the treatment of fractures and bone defects resulting from accidents, injuries, or surgeries. They help in supporting bone healing, especially in cases of complex fractures or where bone loss has occurred. Moreover, the continuous development of high-strength and biocompatible graft materials that provide structural support and enhance the natural healing process, is fueling the market growth.

Joint reconstruction surgeries, such as hip or knee replacements, often require bone grafts for better integration of implants and restoration of joint function. They help fill bone voids and promote bone ingrowth around prosthetic components to ensure the stability and longevity of the implants. Furthermore, the increasing incidence of joint disorders and the growing geriatric population are contributing to the market growth.

In foot and ankle surgeries, bone grafts are used for reconstructive procedures, treating deformities, and healing of fractures. Moreover, the growing demand for specific types of grafts that can conform to the complex anatomy of the foot and ankle, providing structural support and promoting bone regeneration, is boosting the market growth. Besides this, the rising number of sports-related injuries and conditions like arthritis are favoring the market growth.

Dental bone grafting utilizes grafts to augment the jawbone and support dental implants, especially in cases of bone loss due to periodontal disease or tooth extraction. Along with this, the growing utilization of dental bone grafts owing to the increasing popularity of dental implants for missing teeth is stimulating the market growth. Besides this, rapid advancements in graft materials that ensure better integration and stability of the implants are enhancing the market growth.

Craniofacial involves the application of bone grafts in surgeries related to the skull, face, and jaws. They are essential in reconstructive surgeries, trauma recovery, and congenital disability repairs. Moreover, the development of customized graft



solutions that can adapt to the complex geometries of facial bones, ensuring functional and aesthetic outcomes, is propelling the market growth.

#### Breakup by End User:

Hospitals

Surgical Centres

Clinics

Others

Hospitals represents the leading market segment

The report has provided a detailed breakup and analysis of the market based on the end user. This includes hospitals, surgical centres, clinics, and others. According to the report, hospitals represented the largest segment.

Hospitals represent the largest segment due to their comprehensive healthcare services, including advanced surgical procedures that require bone grafts and substitutes. Moreover, they are equipped with advanced facilities and a wide range of medical specialties, making them the preferred choice for complex surgeries, such as spinal fusion, joint reconstruction, and trauma-related procedures. Besides this, the widespread availability of skilled surgeons, multidisciplinary teams, and advanced post-operative care in hospitals is contributing to the market growth. Additionally, hospitals have the infrastructure to support the storage and handling of various types of bone grafts, including those that require specific storage conditions.

Surgical centres are known for procedures that require bone grafting but do not necessitate the extensive resources of a hospital. They include certain types of dental bone grafting, minor joint repairs, and some cosmetic and reconstructive surgeries. Moreover, the heightened focus on minimally invasive (MI) techniques, which reduce patient recovery time and resource utilization, is boosting the market growth.

Clinics include specialized orthopedic and dental clinics that cater to specific procedures that involve bone grafting, such as dental implant placement or minor orthopedic corrections. They provide targeted and specialized care in a more personalized and accessible setting. Additionally, the rising growth in specialized clinics, along with advancements in outpatient surgical techniques, is bolstering the market growth.

#### Breakup by Region:

North America

Europe

Asia Pacific

Middle East and Africa

Latin America

North America leads the market, accounting for the largest bone graft and substitutes market share

The market research report has also provided a comprehensive analysis of all the major regional markets, which include North America, Europe, Asia Pacific, Latin America, and the Middle East and Africa. According to the report, North America accounted for the largest market share.

North America holds the largest market share, due to the high prevalence of bone-related disorders, advanced healthcare infrastructure, and the presence of key market players in the region. In line with this, the increasing number of orthopedic procedures, including spinal fusion and joint reconstruction surgeries, driving the demand for bone grafts and substitutes, is boosting the market growth. Additionally, the rising medical research and innovation, with substantial investments in developing advanced graft materials and surgical techniques, is fueling the market growth. Along with this, the increasing healthcare expenditure and the presence of well-established healthcare systems is contributing to the market growth.

The Europe's market for bone graft and substitutes is driven by factors, such as the growing geriatric population, increasing incidences of osteoporosis and other bone-related conditions, and the adoption of advanced medical technologies. Along with this, the well-developed healthcare system and the presence of some of the leading players in the medical device industry, is fueling the market growth.

The Asia Pacific region is experiencing rapid growth in the market, attributed to the increasing healthcare expenditure, growing awareness of advanced medical treatments, and an expanding geriatric population. Moreover, the rising number of orthopedic procedures due to the growing middle class and improvements in healthcare infrastructure, is also acting as growth-inducing factors.

In Latin America, the market for bone graft and substitutes is growing steadily, driven by the gradual improvement in healthcare infrastructure and increasing accessibility to



advanced medical treatments. Besides this, the increasing prevalence of chronic diseases that affect bone health, coupled with a growing focus on healthcare modernization, is strengthening the market growth.

The market in the Middle East and Africa is evolving due to the improving healthcare infrastructure and increasing government initiatives to modernize healthcare services. Along with this, the widespread adoption of advanced medical technologies, including bone grafts and substitutes, in the region is creating a positive outlook for the market growth.

#### Leading Key Players in the Bone Graft and Substitutes Industry:

The major players are engaged in various strategic initiatives to strengthen their market position and respond to the evolving medical needs in orthopedics. They are investing in research and development (R&D) to innovate and improve their product offerings by focusing on developing advanced materials that are more biocompatible, osteoconductive, and osteoinductive. Besides this, the leading firms are emphasizing creating synthetic and hybrid grafts that combine the benefits of natural bone tissue with the versatility and safety of synthetic materials. Moreover, they are expanding their reach through mergers and acquisitions, partnerships with healthcare providers, and collaborations with research institutions to enhance their technological capabilities and market access.

The market research report has provided a comprehensive analysis of the competitive landscape. Detailed profiles of all major companies have also been provided. Some of the key players in the market include:

Zimmer Biomet Dental  
DePuy Synthes  
Wright Medical Technology  
Medtronic Plc.  
Stryker Corporation  
NuVasive Inc.  
Arthrex Inc.  
Integra LifeSciences  
Baxter International Inc.  
Musculoskeletal Transplant Foundation  
Bacterin International Holdings  
SeaSpine  
LifeNet Health

(Please note that this is only a partial list of the key players, and the complete list is provided in the report.)

#### Latest News:

In February 2023, NuVasive, Inc. announced that its Modulus Cervical interbody implant was approved by FDA, expanding its C360 product portfolio.

In June 2022, Medtronic announced that the FDA approved its ligament-augmenting implant, expanding the company's spine surgery portfolio.

In March 2022, Zimmer Biomet signed an agreement with Biocomposites for the distribution of genex bone graft substitutes.

#### Key Questions Answered in This Report

1. How big is the global bone graft and substitutes market?
2. What is the expected growth rate of the global bone graft and substitutes market during 2024-2032?
3. What are the key factors driving the global bone graft and substitutes market?
4. What has been the impact of COVID-19 on the global bone graft and substitutes market?
5. What is the breakup of the global bone graft and substitutes market based on the material type?
6. What is the breakup of the global bone graft and substitutes market based on the application?
7. What is the breakup of the global bone graft and substitutes market based on the end user?
8. What are the key regions in the global bone graft and substitutes market?
9. Who are the key players/companies in the global bone graft and substitutes market?

## Contents

### 1 PREFACE

### 2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### 3 EXECUTIVE SUMMARY

### 4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

### 5 GLOBAL BONE GRAFT AND SUBSTITUTE MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Breakup by Material Type
- 5.5 Market Breakup by Application
- 5.6 Market Breakup by End User
- 5.7 Market Breakup by Region
- 5.8 Market Forecast

### 6 MARKET BREAKUP BY MATERIAL TYPE

- 6.1 Allografts
  - 6.1.1 Market Trends
  - 6.1.2 Market Breakup By Type

- 6.1.2.1 Machined Allografts
  - 6.1.2.1.1 Market Trends
  - 6.1.2.1.2 Market Forecast
- 6.1.2.2 Demineralized Bone Matrix (DBMs)
  - 6.1.2.2.1 Market Trends
  - 6.1.2.2.2 Market Forecast
- 6.1.3 Market Forecast
- 6.2 Bone Graft Substitutes
  - 6.2.1 Market Trends
  - 6.2.2 Market Breakup By Type
    - 6.2.2.1 Bone Morphogenic Proteins (BMPs)
      - 6.2.2.1.1 Market Trends
      - 6.2.2.1.2 Market Forecast
    - 6.2.2.2 Synthetic Bone Grafts
      - 6.2.2.2.1 Market Trends
      - 6.2.2.2.2 Market Forecast
  - 6.2.3 Market Forecast
- 6.3 Cell-based Matrices
  - 6.3.1 Market Trends
  - 6.3.2 Market Forecast
- 6.4 Others
  - 6.4.1 Market Trends
  - 6.4.2 Market Forecast

## **7 MARKET BREAKUP BY APPLICATION**

- 7.1 Spinal Fusion
  - 7.1.1 Market Trends
  - 7.1.2 Market Forecast
- 7.2 Trauma
  - 7.2.1 Market Trends
  - 7.2.2 Market Forecast
- 7.3 Joint Reconstruction
  - 7.3.1 Market Trends
  - 7.3.2 Market Forecast
- 7.4 Foot and Ankle
  - 7.4.1 Market Trends
  - 7.4.2 Market Forecast
- 7.5 Dental Bone Grafting

- 7.5.1 Market Trends
- 7.5.2 Market Forecast
- 7.6 Craniomaxillofacial
  - 7.6.1 Market Trends
  - 7.6.2 Market Forecast
- 7.7 Others
  - 7.7.1 Market Trends
  - 7.7.2 Market Forecast

## **8 MARKET BREAKUP BY END USER**

- 8.1 Hospitals
  - 8.1.1 Market Trends
  - 8.1.2 Market Forecast
- 8.2 Surgical Centres
  - 8.2.1 Market Trends
  - 8.2.2 Market Forecast
- 8.3 Clinics
  - 8.3.1 Market Trends
  - 8.3.2 Market Forecast
- 8.4 Others
  - 8.4.1 Market Trends
  - 8.4.2 Market Forecast

## **9 MARKET BREAKUP BY REGION**

- 9.1 North America
  - 9.1.1 Market Trends
  - 9.1.2 Market Forecast
- 9.2 Europe
  - 9.2.1 Market Trends
  - 9.2.2 Market Forecast
- 9.3 Asia Pacific
  - 9.3.1 Market Trends
  - 9.3.2 Market Forecast
- 9.4 Middle East and Africa
  - 9.4.1 Market Trends
  - 9.4.2 Market Forecast
- 9.5 Latin America

9.5.1 Market Trends

9.5.2 Market Forecast

## **10 SWOT ANALYSIS**

10.1 Overview

10.2 Strengths

10.3 Weaknesses

10.4 Opportunities

10.5 Threats

## **11 VALUE CHAIN ANALYSIS**

## **12 PORTERS FIVE FORCES ANALYSIS**

12.1 Overview

12.2 Bargaining Power of Buyers

12.3 Bargaining Power of Suppliers

12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

## **13 PRICE ANALYSIS**

## **14 COMPETITIVE LANDSCAPE**

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 Zimmer Biomet Dental

14.3.2 DePuy Synthes

14.3.3 Wright Medical Technology

14.3.4 Medtronic Plc.

14.3.5 Stryker Corporation

14.3.6 NuVasive Inc.

14.3.7 Arthrex Inc.

14.3.8 Integra LifeSciences

14.3.9 Baxter International Inc.

14.3.10 Musculoskeletal Transplant Foundation



14.3.11 Bacterin International Holdings

14.3.12 SeaSpine

14.3.13 LifeNet Health

## List Of Tables

### LIST OF TABLES

Table 1: Global: Bone Graft and Substitute Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Bone Graft and Substitute Market Forecast: Breakup by Material Type (in Million US\$), 2024-2032

Table 3: Global: Bone Graft and Substitute Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 4: Global: Bone Graft and Substitute Market Forecast: Breakup by End User (in Million US\$), 2024-2032

Table 5: Global: Bone Graft and Substitute Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 6: Global: Bone Graft and Substitute Market: Competitive Structure

Table 7: Global: Bone Graft and Substitute Market: Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1: Global: Bone Graft and Substitute Market: Major Drivers and Challenges

Figure 2: Global: Bone Graft and Substitute Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Bone Graft and Substitute Market: Breakup by Material Type (in %), 2023

Figure 4: Global: Bone Graft and Substitute Market: Breakup by Application (in %), 2023

Figure 5: Global: Bone Graft and Substitute Market: Breakup by End User (in %), 2023

Figure 6: Global: Bone Graft and Substitute Market: Breakup by Region (in %), 2023

Figure 7: Global: Bone Graft and Substitute Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 8: Global: Bone Graft and Substitute Industry: SWOT Analysis

Figure 9: Global: Bone Graft and Substitute Industry: Value Chain Analysis

Figure 10: Global: Bone Graft and Substitute Industry: Porter's Five Forces Analysis

Figure 11: Global: Bone Graft and Substitute (Allografts) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 12: Global: Bone Graft and Substitute (Allografts) Market: Breakup by Type (in %), 2023

Figure 13: Global: Bone Graft and Substitute (Machined Allografts) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 14: Global: Bone Graft and Substitute (Machined Allografts) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 15: Global: Bone Graft and Substitute (Demineralized Bone Matrix-DBMs) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 16: Global: Bone Graft and Substitute (Demineralized Bone Matrix-DBMs) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 17: Global: Bone Graft and Substitute (Allografts) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 18: Global: Bone Graft and Substitute (Bone Graft Substitutes) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 19: Global: Bone Graft and Substitute (Bone Graft Substitutes) Market: Breakup by Type (in %), 2023

Figure 20: Global: Bone Graft and Substitute (Bone Morphogenic Proteins-BMPs) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 21: Global: Bone Graft and Substitute (Bone Morphogenic Proteins-BMPs) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 22: Global: Bone Graft and Substitute (Synthetic Bone Grafts) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 23: Global: Bone Graft and Substitute (Synthetic Bone Grafts) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 24: Global: Bone Graft and Substitute (Bone Graft Substitutes) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 25: Global: Bone Graft and Substitute (Cell-Based Matrices) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 26: Global: Bone Graft and Substitute (Cell-Based Matrices) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 27: Global: Bone Graft and Substitute (Other Material Types) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 28: Global: Bone Graft and Substitute (Other Material Types) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 29: Global: Bone Graft and Substitute (Spinal Fusion) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 30: Global: Bone Graft and Substitute (Spinal Fusion) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 31: Global: Bone Graft and Substitute (Trauma) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 32: Global: Bone Graft and Substitute (Trauma) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 33: Global: Bone Graft and Substitute (Joint Reconstruction) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 34: Global: Bone Graft and Substitute (Joint Reconstruction) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 35: Global: Bone Graft and Substitute (Foot and Ankle) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 36: Global: Bone Graft and Substitute (Foot and Ankle) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 37: Global: Bone Graft and Substitute (Dental Bone Grafting) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 38: Global: Bone Graft and Substitute (Dental Bone Grafting) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 39: Global: Bone Graft and Substitute (Craniofacial) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 40: Global: Bone Graft and Substitute (Craniofacial) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 41: Global: Bone Graft and Substitute (Other Applications) Market: Sales Value

(in Million US\$), 2018 & 2023

Figure 42: Global: Bone Graft and Substitute (Other Applications) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 43: Global: Bone Graft and Substitute (Hospitals) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 44: Global: Bone Graft and Substitute (Hospitals) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 45: Global: Bone Graft and Substitute (Surgical Centres) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 46: Global: Bone Graft and Substitute (Surgical Centres) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 47: Global: Bone Graft and Substitute (Clinics) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 48: Global: Bone Graft and Substitute (Clinics) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 49: Global: Bone Graft and Substitute (Other End Users) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 50: Global: Bone Graft and Substitute (Other End Users) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 51: North America: Bone Graft and Substitute Market: Sales Value (in Million US\$), 2018 & 2023

Figure 52: North America: Bone Graft and Substitute Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 53: Europe: Bone Graft and Substitute Market: Sales Value (in Million US\$), 2018 & 2023

Figure 54: Europe: Bone Graft and Substitute Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 55: Asia Pacific: Bone Graft and Substitute Market: Sales Value (in Million US\$), 2018 & 2023

Figure 56: Asia Pacific: Bone Graft and Substitute Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 57: Middle East and Africa: Bone Graft and Substitute Market: Sales Value (in Million US\$), 2018 & 2023

Figure 58: Middle East and Africa: Bone Graft and Substitute Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 59: Latin America: Bone Graft and Substitute Market: Sales Value (in Million US\$), 2018 & 2023

Figure 60: Latin America: Bone Graft and Substitute Market Forecast: Sales Value (in Million US\$), 2024-2032

## I would like to order

Product name: Bone Graft and Substitutes Market Report by Material Type (Allografts, Bone Graft Substitutes, Cell-based Matrices, and Others), Application (Spinal Fusion, Trauma, Joint Reconstruction, Foot and Ankle, Dental Bone Grafting, Craniomaxillofacial, and Others), End User (Hospitals, Surgical Centres, Clinics, and Others), and Region 2024-2032

Product link: <https://marketpublishers.com/r/B21986674871EN.html>

Price: US\$ 3,899.00 (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/B21986674871EN.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