

# **Orthopedic Bone Cement Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Material (Polymethyl Methacrylate (PMMA), Ceramic, Acrylic, Others), By Product Type (Low Viscosity Cements, Medium Viscosity Cements, High Viscosity Cements, Antibiotic Cements), By End-User (Hospitals, Orthopedic Clinics and Centers, Others), By Region, By Competition Forecast & Opportunities, 2018-2028F**

<https://marketpublishers.com/r/O2648598910DEN.html>

Date: October 2023

Pages: 170

Price: US\$ 4,900.00 (Single User License)

ID: O2648598910DEN

## **Abstracts**

Global Orthopedic Bone Cement Market has valued at USD 777.07 million in 2022 and is anticipated to project impressive growth in the forecast period with a CAGR of 5.80% through 2028. The global orthopedic bone cement market is a significant segment within the broader medical device and orthopedic industry. Orthopedic bone cement is a specialized material used in orthopedic surgeries to fix artificial joint implants, such as hip and knee replacements, to the patient's existing bone structure. It helps stabilize the implant and ensures a secure fit, reducing pain and improving mobility for patients.

### Key Market Drivers

#### Aging Population

The global orthopedic bone cement market is poised for significant growth, thanks in large part to the world's aging population. As demographics shift, with a larger percentage of the population entering their senior years, the prevalence of orthopedic conditions like osteoarthritis and fractures is on the rise. This, in turn, is driving the

demand for orthopedic procedures, including joint replacement surgeries, which heavily rely on orthopedic bone cement. Aging often comes hand in hand with the development of orthopedic conditions such as osteoarthritis, rheumatoid arthritis, and fractures due to bone fragility. These conditions can significantly impact an individual's quality of life, leading many to seek medical intervention. Joint replacement surgeries, including hip and knee replacements, are common procedures for addressing these issues. Orthopedic bone cement plays a pivotal role in these surgeries by securing artificial joints to the existing bone structure. With a growing aging population, the number of people affected by orthopedic conditions is increasing, driving the demand for orthopedic bone cement. Advances in healthcare and living standards have led to an increase in life expectancy worldwide. People are living longer, which is generally a positive development. However, the longer individuals live, the more wear and tear their joints may endure. As a result, elderly individuals are more likely to require orthopedic interventions, such as joint replacements, to maintain their mobility and overall well-being. Orthopedic bone cement is a critical component of these procedures, and its demand is therefore closely tied to the increasing life expectancy of the global population. Today's seniors are more active than previous generations. Many older adults are choosing to lead active and fulfilling lives well into their retirement years. This increased activity level can put additional stress on joints and bones, increasing the likelihood of orthopedic conditions. However, seniors are also more willing to pursue orthopedic solutions to maintain their active lifestyles. This trend drives the need for joint replacement surgeries and subsequently, orthopedic bone cement. Access to healthcare services has improved in many parts of the world, including emerging economies. This means that a larger portion of the aging population has access to medical care, including orthopedic procedures. Greater healthcare access has made it possible for more seniors to seek treatment for orthopedic conditions, boosting the demand for orthopedic bone cement. Advancements in medical technology have made orthopedic procedures safer and more effective. Surgical techniques, implant materials, and orthopedic bone cement formulations have all seen significant improvements. These technological advancements not only enhance patient outcomes but also make joint replacement surgeries more appealing to the elderly population.

### Increased Incidence of Orthopedic Conditions

The global orthopedic bone cement market is witnessing robust growth, and one of the key drivers behind this surge is the rising incidence of orthopedic conditions worldwide. Conditions such as osteoarthritis, fractures, and bone deformities are becoming increasingly prevalent across different age groups. This surge in orthopedic conditions has led to a growing demand for orthopedic procedures, particularly joint replacement

surgeries, where orthopedic bone cement plays a pivotal role. One of the primary factors contributing to the increased incidence of orthopedic conditions is the aging population. As people grow older, their joints naturally wear down, leading to conditions like osteoarthritis. This is particularly true for the elderly, who often seek joint replacement surgeries to regain mobility and improve their quality of life. Orthopedic bone cement is a critical component of these surgeries, as it securely attaches artificial joints to the existing bone structure. With a growing aging demographic worldwide, the demand for orthopedic bone cement is on the rise. Obesity is a global health concern that has been linked to various orthopedic conditions, including osteoarthritis, joint pain, and back problems. As obesity rates continue to climb in many parts of the world, the strain on joints and bones increases. Obese individuals are more likely to require orthopedic interventions to alleviate pain and restore functionality. Consequently, the demand for orthopedic bone cement has surged in parallel with rising obesity rates. The global emphasis on physical fitness and sports participation has led to an increase in sports-related injuries, which can result in orthopedic conditions. Athletes and active individuals often experience bone and joint injuries that require surgical treatment. Orthopedic bone cement is a crucial component in these surgeries, facilitating the repair and stabilization of injured bones. As participation in sports and physical activities continues to grow, so does the demand for orthopedic bone cement. Advances in medical imaging and diagnostic technologies have improved the early detection and diagnosis of orthopedic conditions. Physicians can identify issues such as osteoarthritis and fractures at an earlier stage, allowing for timely intervention. This means that more individuals are seeking medical treatment, including orthopedic procedures, to address their conditions. Orthopedic bone cement is integral to these surgical interventions, driving its increased demand.

### Advancements in Orthopedic Technology

The global orthopedic bone cement market is experiencing a remarkable growth trajectory, and a significant catalyst for this expansion is the continuous advancement in orthopedic technology. Innovations in surgical techniques, implant materials, and medical devices have not only improved patient outcomes but have also played a pivotal role in reshaping the landscape of orthopedic procedures. Among these developments, orthopedic bone cement has garnered attention as a critical component for ensuring the success of joint replacement surgeries and fracture treatments. Advancements in orthopedic technology have ushered in an era of minimally invasive surgical techniques. These techniques, which involve smaller incisions and less tissue disruption, offer several advantages, including reduced postoperative pain, shorter hospital stays, and faster recovery times. Minimally invasive procedures often require

the use of orthopedic bone cement to secure artificial joints or repair fractures. The demand for orthopedic bone cement has grown in tandem with the adoption of these less invasive approaches. Orthopedic implants have undergone significant enhancements in terms of material composition and design. Modern implants are more durable, biocompatible, and closely mimic the natural anatomy of joints and bones. These advances have contributed to better long-term outcomes for patients undergoing joint replacement surgeries. Orthopedic bone cement is used to anchor these advanced implants securely, ensuring their stability and functionality. The integration of advanced imaging technologies, such as magnetic resonance imaging (MRI) and computed tomography (CT) scans, has revolutionized preoperative planning and intraoperative precision. Surgeons can now create detailed, patient-specific surgical plans based on high-resolution images. This level of precision ensures that orthopedic bone cement is applied precisely, minimizing the risk of complications and improving the overall success rate of surgeries. The emergence of 3D printing technology has enabled the production of custom-designed orthopedic implants and surgical instruments. Surgeons can now create implants that are tailored to each patient's unique anatomy, resulting in a better fit and reduced risk of complications. Orthopedic bone cement is an integral part of these custom implant procedures, ensuring a secure connection between the implant and the patient's bone.

### Growing Healthcare Infrastructure

The global orthopedic bone cement market is on an upward trajectory, and one of the key drivers of this growth is the expansion of healthcare infrastructure worldwide. Developing countries, in particular, have made substantial investments in healthcare facilities, improved access to medical services, and the training of healthcare professionals. This evolving healthcare landscape is fostering an environment where orthopedic procedures, often requiring the use of orthopedic bone cement, can flourish. One of the most significant ways in which growing healthcare infrastructure supports the orthopedic bone cement market is by increasing access to healthcare services. In many developing nations, improved healthcare facilities are reaching underserved populations, ensuring that more individuals have access to essential medical care, including orthopedic procedures. This expanded access directly correlates with a rising demand for orthopedic bone cement. Developing healthcare infrastructure often includes the establishment of specialized orthopedic centers and clinics. These facilities are equipped with state-of-the-art equipment and a team of skilled orthopedic surgeons. Patients seeking orthopedic treatments, including joint replacement surgeries, tend to prefer these specialized centers for their expertise and specialized care. The demand for orthopedic bone cement naturally follows the increased utilization of such facilities.

Healthcare infrastructure development goes hand in hand with investments in medical education and training. More healthcare professionals, including orthopedic surgeons and nurses, are being trained to perform orthopedic procedures. This growing pool of skilled healthcare providers can meet the rising demand for orthopedic surgeries, thereby boosting the use of orthopedic bone cement in these procedures. The expansion of healthcare infrastructure often includes the acquisition of advanced surgical equipment and technology. This includes cutting-edge imaging devices, surgical instruments, and implant materials. Orthopedic bone cement plays a crucial role in securing these advanced implants during joint replacement surgeries, enhancing their stability and longevity. The availability of such equipment and technology encourages more patients to opt for orthopedic procedures, further driving market growth.

## Key Market Challenges

### Stringent Regulatory Compliance

One of the primary challenges in the orthopedic bone cement market is the need to comply with stringent regulatory requirements. Orthopedic bone cement is considered a medical device, and manufacturers must adhere to strict standards and regulations set by regulatory bodies like the U.S. Food and Drug Administration (FDA) and the European Medicines Agency (EMA). Meeting these requirements demands substantial investments in research, development, and testing.

### Product Quality and Safety

Ensuring the quality and safety of orthopedic bone cement products is paramount. Any compromise in product quality can have severe consequences for patients, including implant failure and post-operative complications. Manufacturers must consistently maintain high standards of production and quality control to minimize these risks.

### Product Recalls and Liability Issues

Product recalls can be a significant challenge in the orthopedic bone cement market. In the event of product defects or safety concerns, manufacturers may need to recall their products, which can have financial and reputational repercussions. Additionally, the potential for product liability lawsuits is a concern, as any adverse events or complications can lead to legal disputes.

## Biocompatibility and Allergic Reactions

Biocompatibility is a critical aspect of orthopedic bone cement, as it must interact seamlessly with the patient's body without causing adverse reactions. Allergic responses or adverse tissue reactions to cement components can lead to complications. Manufacturers must constantly assess and improve the biocompatibility of their products.

## Key Market Trends

### Bioactive Bone Cements

One of the most promising trends in the orthopedic bone cement market is the development of bioactive bone cements. These specialized formulations promote bone growth and integration with the implant, improving long-term stability and reducing the risk of implant failure. Bioactive bone cement contains substances like hydroxyapatite or tricalcium phosphate, which mimic the composition of natural bone and encourage osseointegration.

### 3D Printing and Customization

The use of 3D printing technology is set to revolutionize the orthopedic bone cement market. Custom-designed implants and surgical instruments can be created using 3D printing, allowing for a precise fit tailored to each patient's unique anatomy. This trend not only enhances patient outcomes but also increases the demand for orthopedic bone cement to secure these custom implants effectively.

### Sustainability and Eco-Friendly Practices

As environmental concerns continue to gain importance globally, the orthopedic industry is not exempt from scrutiny. Manufacturers are increasingly focusing on sustainable practices and materials. This includes reducing the environmental footprint of orthopedic bone cement production and disposal. Eco-friendly formulations and manufacturing processes are expected to become more prevalent in the market.

### Outpatient and Ambulatory Procedures

The trend toward outpatient and ambulatory orthopedic procedures is growing. Patients are seeking convenient, cost-effective alternatives to traditional hospital stays. These

procedures often involve the use of orthopedic bone cement for the treatment of fractures and joint replacements. As outpatient settings become more common, the demand for orthopedic bone cement in these facilities is set to increase.

### Segmental Insights

#### Material Insights

The forecast period is expected to see robust growth in the utilization of Polymethyl Methacrylate (PMMA). PMMA stands as an enduring material in the field of orthopedic surgery, playing a pivotal role in the success of procedures like total joint replacement. It is also integral to newer techniques such as percutaneous vertebroplasty and kyphoplasty. In the context of hip replacement surgery, bioinert PMMA bone cement is the prevailing method for rapidly securing orthopedic implants in place.

The growth of this segment is poised to receive a significant boost due to the rising number of orthopedic surgeries. As per the American Academy of Orthopedic Surgeons, there is a projected 673% increase in total knee transplant surgeries by 2030, reaching 3.5 million procedures annually. Consequently, the growing demand for cement and casts in orthopedic surgeries is expected to drive segment growth over the forecast period.

According to the World Health Organization's data, last updated in July 2022, approximately 1.71 billion people globally experienced musculoskeletal conditions in 2021. Among these conditions, low back pain emerged as the most burdensome, affecting 568 million people. Musculoskeletal disorders hold the leading position in causing disabilities on a global scale, with low back pain being the primary cause in 160 countries. Consequently, the increasing prevalence of musculoskeletal disorders is driving higher demand for polymethyl methacrylate, further fueling the growth of this market segment during the forecast period.

#### End-User Insights

Hospitals are poised to dominate the global orthopedic bone cement market for several compelling reasons. Firstly, hospitals serve as the primary centers for orthopedic surgeries, including joint replacements and fracture repairs, where orthopedic bone cement plays a pivotal role in anchoring prosthetic implants. The increasing prevalence of musculoskeletal conditions, coupled with the aging population worldwide, is driving a surge in the demand for orthopedic procedures, further solidifying hospitals' central

position in this market.

Secondly, hospitals typically have well-established infrastructure, advanced surgical facilities, and a skilled workforce specialized in orthopedic surgeries. This infrastructure allows them to efficiently conduct orthopedic procedures and utilize orthopedic bone cement, ensuring the highest standards of patient care and safety.

Moreover, hospitals often have strong purchasing power, enabling them to negotiate favorable deals with orthopedic bone cement manufacturers, reducing overall procurement costs. This cost-efficiency translates into better affordability for patients and healthcare systems, making hospitals the preferred choice for orthopedic care.

In summary, the dominance of hospitals in the global orthopedic bone cement market is underpinned by their central role in orthopedic surgeries, robust infrastructure, and cost-effective procurement capabilities, all of which contribute to the delivery of high-quality orthopedic care to a growing patient population.

## Regional Insights

North America is poised to take a commanding position in the market, primarily driven by a significant uptick in musculoskeletal disorders, a burgeoning elderly population, the robust presence of industry leaders in the region, and the superior healthcare infrastructure it offers. The escalation in cases of knee injuries stands out as a prominent catalyst for the segment's expansion. For example, a report from the Canadian Institute of Health Information in June 2021 revealed that knee replacements in Canada consistently rank among the top three inpatient surgeries performed annually.

Furthermore, data from the National Safety Council's 2021 report indicates a notable incidence of injuries in various categories: 425,910 from bicycles and accessories, 377,939 from exercise and exercise equipment, and 229,974 from ATVs, mopeds, minibikes, among others. In addition, there were 217,646 injuries reported from skateboards, scooters, and hoverboards. This heightened prevalence of sports-related injuries within the region is expected to drive the demand for orthopedic bone cement, steering the market toward substantial growth.

In light of these compelling factors, the North American region is anticipated to be a focal point for the growth of the studied market.



## Key Market Players

Stryker Corp

Smith & Nephew PLC

Johnson & Johnson

Zimmer Biomet Holdings, Inc.

Subiton LABORATORIOS SL S.A

Scanos

DJO Global Inc

Arthrex Inc

Tecres SpA

## Report Scope:

In this report, the Global Orthopedic Bone Cement Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

### Orthopedic Bone Cement Market, By Material:

Polymethyl Methacrylate (PMMA)

Ceramic

Acrylic

Others

### Orthopedic Bone Cement Market, By Product Type:

Low Viscosity Cements

Medium Viscosity Cements

High Viscosity Cements

Antibiotic Cements

Orthopedic Bone Cement Market, By End-User:

Hospitals

Orthopedic Clinics and Centers

Others

Orthopedic Bone Cement Market, By Region:

North America

United States

Canada

Mexico

Europe

Germany

United Kingdom

France

Italy

Spain

Asia-Pacific

China

Japan

India

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

## Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Orthopedic Bone Cement Market.

## Available Customizations:

Global Orthopedic Bone Cement market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## Company Information

Detailed analysis and profiling of additional market players (up to five).

## Contents

### **1. PRODUCT OVERVIEW**

- 1.1. Market Definition
- 1.2. Scope of the Market
  - 1.2.1. Markets Covered
  - 1.2.2. Years Considered for Study
  - 1.2.3. Key Market Segmentations

### **2. RESEARCH METHODOLOGY**

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

### **3. EXECUTIVE SUMMARY**

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

### **4. VOICE OF CUSTOMER**

### **5. GLOBAL ORTHOPEDIC BONE CEMENT MARKET OUTLOOK**

- 5.1. Market Size & Forecast
  - 5.1.1. By Value
- 5.2. Market Share & Forecast
  - 5.2.1. By Material (Polymethyl Methacrylate (PMMA), Ceramic, Acrylic, Others)
  - 5.2.2. By Product Type (Low Viscosity Cements, Medium Viscosity Cements, High Viscosity Cements, Antibiotic Cements)
  - 5.2.3. By End-User (Hospitals, Orthopedic Clinics and Centers, Others)

- 5.2.4. By Region
- 5.2.5. By Company (2022)
- 5.3. Product Market Map
  - 5.3.1. By Material
  - 5.3.2. By Product Type
  - 5.3.3. By End-User
  - 5.3.4. By Region

## **6. NORTH AMERICA ORTHOPEDIC BONE CEMENT MARKET OUTLOOK**

- 6.1. Market Size & Forecast
  - 6.1.1. By Value
- 6.2. Market Share & Forecast
  - 6.2.1. By Material (Polymethyl Methacrylate (PMMA), Ceramic, Acrylic, Others)
  - 6.2.2. By Product Type (Low Viscosity Cements, Medium Viscosity Cements, High Viscosity Cements, Antibiotic Cements)
  - 6.2.3. By End-User (Hospitals, Orthopedic Clinics and Centers, Others)
  - 6.2.4. By Country
- 6.3. North America: Country Analysis
  - 6.3.1. United States Orthopedic Bone Cement Market Outlook
    - 6.3.1.1. Market Size & Forecast
      - 6.3.1.1.1. By Value
    - 6.3.1.2. Market Share & Forecast
      - 6.3.1.2.1. By Material
      - 6.3.1.2.2. By Product Type
      - 6.3.1.2.3. By End-User
  - 6.3.2. Canada Orthopedic Bone Cement Market Outlook
    - 6.3.2.1. Market Size & Forecast
      - 6.3.2.1.1. By Value
    - 6.3.2.2. Market Share & Forecast
      - 6.3.2.2.1. By Material
      - 6.3.2.2.2. By Product Type
      - 6.3.2.2.3. By End-User
  - 6.3.3. Mexico Orthopedic Bone Cement Market Outlook
    - 6.3.3.1. Market Size & Forecast
      - 6.3.3.1.1. By Value
    - 6.3.3.2. Market Share & Forecast
      - 6.3.3.2.1. By Material
      - 6.3.3.2.2. By Product Type

#### 6.3.3.2.3. By End-User

## 7. EUROPE ORTHOPEDIC BONE CEMENT MARKET OUTLOOK

### 7.1. Market Size & Forecast

#### 7.1.1. By Value

### 7.2. Market Share & Forecast

#### 7.2.1. By Material (Polymethyl Methacrylate (PMMA), Ceramic, Acrylic, Others)

#### 7.2.2. By Product Type (Low Viscosity Cements, Medium Viscosity Cements, High Viscosity Cements, Antibiotic Cements)

#### 7.2.3. By End-User (Hospitals, Orthopedic Clinics and Centers, Others)

#### 7.2.4. By Country

### 7.3. Europe: Country Analysis

#### 7.3.1. Germany Orthopedic Bone Cement Market Outlook

##### 7.3.1.1. Market Size & Forecast

###### 7.3.1.1.1. By Value

##### 7.3.1.2. Market Share & Forecast

###### 7.3.1.2.1. By Material

###### 7.3.1.2.2. By Product Type

###### 7.3.1.2.3. By End-User

#### 7.3.2. United Kingdom Orthopedic Bone Cement Market Outlook

##### 7.3.2.1. Market Size & Forecast

###### 7.3.2.1.1. By Value

##### 7.3.2.2. Market Share & Forecast

###### 7.3.2.2.1. By Material

###### 7.3.2.2.2. By Product Type

###### 7.3.2.2.3. By End-User

#### 7.3.3. France Orthopedic Bone Cement Market Outlook

##### 7.3.3.1. Market Size & Forecast

###### 7.3.3.1.1. By Value

##### 7.3.3.2. Market Share & Forecast

###### 7.3.3.2.1. By Material

###### 7.3.3.2.2. By Product Type

###### 7.3.3.2.3. By End-User

#### 7.3.4. Italy Orthopedic Bone Cement Market Outlook

##### 7.3.4.1. Market Size & Forecast

###### 7.3.4.1.1. By Value

##### 7.3.4.2. Market Share & Forecast

###### 7.3.4.2.1. By Material

- 7.3.4.2.2. By Product Type
- 7.3.4.2.3. By End-User
- 7.3.5. Spain Orthopedic Bone Cement Market Outlook
  - 7.3.5.1. Market Size & Forecast
    - 7.3.5.1.1. By Value
  - 7.3.5.2. Market Share & Forecast
    - 7.3.5.2.1. By Material
    - 7.3.5.2.2. By Product Type
    - 7.3.5.2.3. By End-User

## **8. ASIA-PACIFIC ORTHOPEDIC BONE CEMENT MARKET OUTLOOK**

- 8.1. Market Size & Forecast
  - 8.1.1. By Value
- 8.2. Market Share & Forecast
  - 8.2.1. By Material (Polymethyl Methacrylate (PMMA), Ceramic, Acrylic, Others)
  - 8.2.2. By Product Type (Low Viscosity Cements, Medium Viscosity Cements, High Viscosity Cements, Antibiotic Cements)
  - 8.2.3. By End-User (Hospitals, Orthopedic Clinics and Centers, Others)
  - 8.2.4. By Country
- 8.3. Asia-Pacific: Country Analysis
  - 8.3.1. China Orthopedic Bone Cement Market Outlook
    - 8.3.1.1. Market Size & Forecast
      - 8.3.1.1.1. By Value
    - 8.3.1.2. Market Share & Forecast
      - 8.3.1.2.1. By Material
      - 8.3.1.2.2. By Product Type
      - 8.3.1.2.3. By End-User
  - 8.3.2. Japan Orthopedic Bone Cement Market Outlook
    - 8.3.2.1. Market Size & Forecast
      - 8.3.2.1.1. By Value
    - 8.3.2.2. Market Share & Forecast
      - 8.3.2.2.1. By Material
      - 8.3.2.2.2. By Product Type
      - 8.3.2.2.3. By End-User
  - 8.3.3. India Orthopedic Bone Cement Market Outlook
    - 8.3.3.1. Market Size & Forecast
      - 8.3.3.1.1. By Value
    - 8.3.3.2. Market Share & Forecast



- 8.3.3.2.1. By Material
- 8.3.3.2.2. By Product Type
- 8.3.3.2.3. By End-User
- 8.3.4. Australia Orthopedic Bone Cement Market Outlook
  - 8.3.4.1. Market Size & Forecast
    - 8.3.4.1.1. By Value
  - 8.3.4.2. Market Share & Forecast
    - 8.3.4.2.1. By Material
    - 8.3.4.2.2. By Product Type
    - 8.3.4.2.3. By End-User
- 8.3.5. South Korea Orthopedic Bone Cement Market Outlook
  - 8.3.5.1. Market Size & Forecast
    - 8.3.5.1.1. By Value
  - 8.3.5.2. Market Share & Forecast
    - 8.3.5.2.1. By Material
    - 8.3.5.2.2. By Product Type
    - 8.3.5.2.3. By End-User

## **9. SOUTH AMERICA ORTHOPEDIC BONE CEMENT MARKET OUTLOOK**

- 9.1. Market Size & Forecast
  - 9.1.1. By Value
- 9.2. Market Share & Forecast
  - 9.2.1. By Material (Polymethyl Methacrylate (PMMA), Ceramic, Acrylic, Others)
  - 9.2.2. By Product Type (Low Viscosity Cements, Medium Viscosity Cements, High Viscosity Cements, Antibiotic Cements)
  - 9.2.3. By End-User (Hospitals, Orthopedic Clinics and Centers, Others)
  - 9.2.4. By Country
- 9.3. South America: Country Analysis
  - 9.3.1. Brazil Orthopedic Bone Cement Market Outlook
    - 9.3.1.1. Market Size & Forecast
      - 9.3.1.1.1. By Value
    - 9.3.1.2. Market Share & Forecast
      - 9.3.1.2.1. By Material
      - 9.3.1.2.2. By Product Type
      - 9.3.1.2.3. By End-User
  - 9.3.2. Argentina Orthopedic Bone Cement Market Outlook
    - 9.3.2.1. Market Size & Forecast
      - 9.3.2.1.1. By Value

- 9.3.2.2. Market Share & Forecast
  - 9.3.2.2.1. By Material
  - 9.3.2.2.2. By Product Type
  - 9.3.2.2.3. By End-User
- 9.3.3. Colombia Orthopedic Bone Cement Market Outlook
  - 9.3.3.1. Market Size & Forecast
    - 9.3.3.1.1. By Value
  - 9.3.3.2. Market Share & Forecast
    - 9.3.3.2.1. By Material
    - 9.3.3.2.2. By Product Type
    - 9.3.3.2.3. By End-User

## **10. MIDDLE EAST AND AFRICA ORTHOPEDIC BONE CEMENT MARKET OUTLOOK**

- 10.1. Market Size & Forecast
  - 10.1.1. By Value
- 10.2. Market Share & Forecast
  - 10.2.1. By Material (Polymethyl Methacrylate (PMMA), Ceramic, Acrylic, Others)
  - 10.2.2. By Product Type (Low Viscosity Cements, Medium Viscosity Cements, High Viscosity Cements, Antibiotic Cements)
  - 10.2.3. By End-User (Hospitals, Orthopedic Clinics and Centers, Others)
  - 10.2.4. By Country
- 10.3. MEA: Country Analysis
  - 10.3.1. South Africa Orthopedic Bone Cement Market Outlook
    - 10.3.1.1. Market Size & Forecast
      - 10.3.1.1.1. By Value
    - 10.3.1.2. Market Share & Forecast
      - 10.3.1.2.1. By Material
      - 10.3.1.2.2. By Product Type
      - 10.3.1.2.3. By End-User
  - 10.3.2. Saudi Arabia Orthopedic Bone Cement Market Outlook
    - 10.3.2.1. Market Size & Forecast
      - 10.3.2.1.1. By Value
    - 10.3.2.2. Market Share & Forecast
      - 10.3.2.2.1. By Material
      - 10.3.2.2.2. By Product Type
      - 10.3.2.2.3. By End-User
  - 10.3.3. UAE Orthopedic Bone Cement Market Outlook

#### 10.3.3.1. Market Size & Forecast

##### 10.3.3.1.1. By Value

#### 10.3.3.2. Market Share & Forecast

##### 10.3.3.2.1. By Material

##### 10.3.3.2.2. By Product Type

##### 10.3.3.2.3. By End-User

#### 10.3.4. Kuwait Orthopedic Bone Cement Market Outlook

##### 10.3.4.1. Market Size & Forecast

##### 10.3.4.1.1. By Value

##### 10.3.4.2. Market Share & Forecast

##### 10.3.4.2.1. By Material

##### 10.3.4.2.2. By Product Type

##### 10.3.4.2.3. By End-User

## **11. MARKET DYNAMICS**

### 11.1. Drivers

### 11.2. Challenges

## **12. MARKET TRENDS & DEVELOPMENTS**

### 12.1. Recent Development

### 12.2. Mergers & Acquisitions

### 12.3. Product Launches

## **13. PORTER'S FIVE FORCES ANALYSIS**

### 13.1. Competition in the Industry

### 13.2. Potential of New Entrants

### 13.3. Power of Suppliers

### 13.4. Power of Customers

### 13.5. Threat of Substitute Products

## **14. COMPETITIVE LANDSCAPE**

### 14.1. Business Overview

### 14.2. Product Offerings

### 14.3. Recent Developments

### 14.4. Financials (As Reported)

14.5. Key Personnel

14.6. SWOT Analysis

14.6.1. Stryker Corp

14.6.2. Smith & Nephew PLC

14.6.3. Johnson & Johnson

14.6.4. Zimmer Biomet Holdings, Inc.

14.6.5. Subiton LABORATORIOS SL S.A

14.6.6. Scanos

14.6.7. DJO Global Inc

14.6.8. Arthrex Inc

14.6.9. Tecres SpA

## **15. STRATEGIC RECOMMENDATIONS**

## **16. ABOUT US & DISCLAIMER**

## I would like to order

Product name: Orthopedic Bone Cement Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Material (Polymethyl Methacrylate (PMMA), Ceramic, Acrylic, Others), By Product Type (Low Viscosity Cements, Medium Viscosity Cements, High Viscosity Cements, Antibiotic Cements), By End-User (Hospitals, Orthopedic Clinics and Centers, Others), By Region, By Competition Forecast & Opportunities, 2018-2028F

Product link: <https://marketpublishers.com/r/O2648598910DEN.html>

Price: US\$ 4,900.00 (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/O2648598910DEN.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