Global Dental Bone Graft Market: By Type (Synthetic Bone Graft, Xenograft), Product (Bio-Oss), Material Form (Injectable), Application (Socket Preservation, Ridge Augmentation, Implant Bone Regeneration), End-User (Dental Clinics) – Forecast Till 2027

Market Scenario

The global dental bone graft market is expected to reach an approximate CAGR of 7.8% during the forecast period. Globally the market for dental bone graft is increasing rapidly the main reason for this is the growth is the increase in the aging population. The factors that influence the growth of Dental Bone Graft are the increasing development in technology and the different types of bone graft options such as Autograft, Xenograft, Alloplast/synthetic bone grafts and allograft. According to the British editorial society of bone and joint surgery, bone was the second most common transplanted tissue after blood with an estimated 2.2 million grafting procedures annually worldwide in 2015.

However, risk and complications from bone grafting procedures and the high cost of the procedure may hamper the market growth during the forecast period.

Global Dental Bone Graft Market, by Key Players

- Straumann AG
- Dentsply Sirona
- Zimmer Biomet
- Geistlich
- Medtronic
- BioHorizons IPH, Inc
- ACE Surgical Supply Company, Inc.
- RTI Surgical, Inc
- LifeNet Health
- Kerr Dental
- Dentium

Segmentation

The global dental bone graft market is segmented on the basis of type, product, material form, application, and end-user. The global dental bone graft market by type is segmented into synthetic bone graft, xenograft, allograft, and demineralized allograft. Synthetic bone graft is
further segmented into ceramics, tricalcium phosphate, hydroxyapatite, and others. Demineralized allograft is further segmented bio-reabsorbable and non-bio-reabsorbable. Based on the product segment the market is segmented into bio-oss, osteograf, grafton, and others. On the basis material form, the market is segmented of injectable, granules, and putty.

Based on the application the market is segmented into socket preservation, ridge augmentation, periodontal defect regeneration, implant bone regeneration, and sinus lift.

On the basis of end-user, the market is categorized into dental clinics, research and dental laboratories, and others.

On the basis of region, the global dental bone graft market is segmented into the Americas, Europe, Asia-Pacific, and the Middle East and Africa.

The Americas is sub-segmented into North America and South America. The North American region is further segmented into the US and Canada. The European region is divided into two, namely, Western Europe and Eastern Europe. Western Europe is further classified into Germany, Italy, France, the U.K., Spain, and the rest of Western Europe. The Asia-Pacific region is sub-segmented into Japan, China, India, Australia, the Republic of Korea, and the rest of Asia-Pacific. The Middle Eastern and African region is sub-segmented into the United Arab Emirates, Saudi Arabia, Oman, Kuwait, Qatar, and the rest of the Middle East and Africa.

Regional Market Summary

Global Dental Bone Graft Market Share (%), by Region, 2017

Sources: National Electronic Health Records Survey, US Department of Health & Human Services, National Center for Health Statistics

The dental bone graft market is dominated by Europe owing to the rising healthcare expenditure that contributes to enhancing the market growth in this region. As there is a transition happening in the use of the types of bone grafts for the various restorative & reconstructive dental procedures, the world is adopting the new technologies leading to the massive growth in the market.

It is estimated that North America stood second in the global dental bone graft market. As a result of advancement in the dentistry and development of the dental industry in Europe, the dental bone grafts market has grown significantly in the region.

Asia-Pacific is likely to witness growth in the dental bone graft market during the forecast period owing to the increasing number of healthcare organizations, growing advantages of the dental bone graft. The rapidly changing technology and growing awareness in the region influence the market growth. China, India, and Japan are the key market players in this region and Asia-Pacific is expected to be the largest market for the dental bone graft.

The Middle East and Africa holds the least share in the global dental bone graft market due to the presence of stringent government policies and poor economies.
Market Segmentation and Key Market Players

Global Dental Bone Graft Market, by Type

- Synthetic Bone Graft
  - Ceramics
  - Tricalcium Phosphate
  - Hydroxyapatite
  - Others
- Xenograft
- Allograft
- Demineralized Allograft
  - Bio-reabsorbable
  - Non-Bio-reabsorbable
- Others

Global Dental Bone Graft Market, by Product

- Bio-Oss
- Osteograf
- Grafton
- Others

Global Dental Bone Graft Market, by Material Form

- Injectable
- Granules
- Putty

Global Dental Bone Graft Market, by Application

- Socket Preservation
- Ridge Augmentation
- Periodontal Defect Regeneration
- Implant Bone Regeneration
- Sinus Lift

Global Dental Bone Graft Market, by End-User

- Dental Clinics
- Research and Dental Laboratories
Global Dental Bone Graft Market, by Region

- The Americas
- Europe
- Asia-Pacific
- Middle East & Africa

Intended Audience

- Contract Research Organizations (CROs)
- Academic Medical Institutes and Universities
- Government and Private Laboratories
- Research and Development (R&D) companies
- Market Research and Consulting Service Providers

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