

# **Vietnam Dental Bone Graft Substitute Market By Type (Allograft, Xenograft, Autograft, Synthetic Bone Graft, Others), By Material (Human Cell Source, Collagen, Animal Source, Others), By Mechanism (Osteoconduction, Osteoinduction, Osteopromotion, Osteogenesis), By Product (Bio OSS, Grafton, Osteograf), By Application (Socket Preservation, Ridge Augmentation, Periodontal Defect Regeneration, Implant Bone Regeneration, Sinus Lift) By End User (Hospitals & Clinics, Dental Laboratories, Others) Region, Competition, Forecast & Opportunities, 2018-2028F**

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## **Abstracts**

Vietnam Dental Bone Graft Substitute Market is anticipated to witness steady growth with impressive CAGR in the forecast period 2024-2028. This can be ascribed to the growing prevalence of dental disorders and an increasing number of dental implant surgeries in the projected period. When the tooth is decayed and causes bone loss, it requires the procedure of bone grafting, which uses dental bone grafting materials. Dental bone grafts add volume and density to jaw areas where bone loss has occurred.

Dental tourism is expanding, majorly in developing nations like India, Vietnam, Japan, etc. The increase in dental tourism is a result of the low cost of care and the accessibility of surgeons, which will further pave the way for the development of the Vietnam Dental Bone Graft Substitute Market in the coming years.

The Vietnamese government has been implementing policies to support the growth of the healthcare industry, including the dental sector. These policies are aimed at improving the quality of dental care, increasing accessibility, and promoting research and development of new technologies. This favorable regulatory environment is expected to support the growth of the dental bone graft substitute market in the country.

Dental professionals in Vietnam are becoming more aware of the benefits of dental bone graft substitutes and are using them more frequently in their practice. As the use of these substitutes becomes more widespread, it is also expected that the market for dental bone graft substitutes will continue to grow.

Manufacturers are developing new and innovative dental bone graft substitutes, which are becoming more widely available in Vietnam. These new products offer advantages such as reduced healing time and improved patient outcomes, making them an attractive option for dental professionals and patients.

The Vietnam dental bone graft substitute market has been rapidly evolving with the adoption of technological advancements. 3D printing technology has revolutionized the dental industry, including the development of dental bone graft substitutes. 3D printing technology enables the creation of custom bone grafts tailored to the specific needs of each patient. The technology has also made it easier to manufacture bone graft substitutes, reducing production costs and increasing efficiency. Nanotechnology has been widely adopted in the development of dental bone graft substitutes. It allows for the manipulation of materials at the molecular level, resulting in bone graft substitutes with enhanced mechanical strength and increased biocompatibility. Nanotechnology has also enabled the creation of bone graft substitutes that can release drugs, promoting faster healing and reducing the risk of infection. Stem cell therapy is an emerging field that holds great promise for the development of dental bone graft substitutes. Stem cells can differentiate into bone cells, making them an ideal candidate for bone regeneration. Advances in stem cell research have led to the development of bone graft substitutes that incorporate stem cells, leading to faster and more effective bone regeneration. The adoption of these technological advancements has significantly improved the efficacy and efficiency of dental bone graft substitutes in Vietnam. These advancements have led to the development of bone graft substitutes that can provide better results, with reduced recovery times and fewer complications.

The Vietnam Dental Bone Graft Substitute Market is hampered by several factors. One of the major challenges faced by the Vietnam dental bone graft substitute market is the

lack of awareness among the general population and dental professionals. Many people are not aware of the benefits of bone graft substitutes, and some dental professionals are still unfamiliar with the use of these materials. As a result, the demand for dental bone graft substitutes in Vietnam is relatively low compared to other countries.

The regulatory framework in Vietnam is also a significant challenge for the dental bone graft substitute market. The country's regulatory environment is relatively complex and can be challenging for foreign manufacturers to navigate. The registration process for dental bone graft substitutes can be lengthy and expensive, which can discourage manufacturers from entering the market. Additionally, the regulatory requirements for dental bone graft substitutes in Vietnam may not be aligned with international standards, making it difficult for foreign manufacturers to comply.

### Increasing Incidences of Dental Disorders

Dental disorders are becoming increasingly prevalent in Vietnam, and this trend is expected to drive the growth of the dental bone graft substitute market in the country. Dental disorders, such as periodontal disease, tooth decay, and tooth loss, can result in significant bone loss in the jaw, which can make it difficult to place dental implants. This is where dental bone graft substitutes come in, providing a viable solution to replace the lost bone and facilitate successful dental implantation.

One of the primary factors contributing to the increasing incidence of dental disorders in Vietnam is the lack of awareness and education about dental health. Many Vietnamese people do not prioritize dental health or visit the dentist regularly, leading to untreated dental issues that can worsen over time. Poor oral hygiene practices, such as irregular brushing and flossing, can also contribute to the development of dental disorders.

Additionally, the high consumption of sugary and acidic foods and beverages in Vietnam is contributing to the prevalence of dental disorders. These substances can erode tooth enamel and increase the risk of tooth decay and other dental issues. The increasing incidence of dental disorders is expected to drive the demand for dental bone graft substitutes in Vietnam. Dental bone graft substitutes are used to replace lost bone in the jaw, which is necessary for successful dental implantation. As the number of people in Vietnam with dental disorders increases, so too does the demand for dental bone graft substitutes. Moreover, the availability of affordable and effective dental bone graft substitutes in Vietnam is also contributing to market growth. Allografts, for example, are becoming more widely used as bone graft substitutes due to their availability and affordability. The expansion of the Vietnamese dental bone graft substitute market will

be impacted by the rising number of dental conditions in the years to come.

### Rising Dental Tourism in Vietnam

Dental tourism is a growing trend in Vietnam, and it is expected to have a significant impact on the dental bone graft substitute market in the country. Dental tourism involves traveling to another country to receive dental care, typically due to lower costs or higher quality care than is available in the patient's home country. Vietnam has emerged as a popular destination for dental tourism, and this trend is expected to continue in the coming years.

One of the factors driving the rise of dental tourism in Vietnam is the lower cost of dental procedures compared to many other countries. Dental procedures in Vietnam can cost significantly less than in countries like the United States, Canada, or Australia, while still providing high-quality care. This has made Vietnam an attractive destination for patients seeking dental care, including dental bone graft substitutes.

Moreover, Vietnam has a growing reputation as a hub for medical tourism, with world-class facilities and highly skilled dental professionals. The country's tourism industry has also been investing in infrastructure and services to cater to medical tourists, including dental patients. Dental bone graft substitutes are an important part of many dental procedures, particularly those involving dental implants. As such, the rising popularity of dental tourism in Vietnam is expected to have a significant impact on the dental bone graft substitute market in the country.

The increasing number of patients seeking dental procedures in Vietnam will drive demand for bone graft substitutes, providing a boost to the market. However, there are also challenges associated with dental tourism in Vietnam. Language barriers and cultural differences can be a challenge for international patients seeking dental care in the country. Additionally, quality control and safety standards may vary among dental providers, making it important for patients to research their options carefully before selecting a provider. In the coming years, the expansion of dental tourism will also help the Vietnam Dental Bone Graft Market grow.

### Market Segmentation

Vietnam Dental Bone Graft Substitute Market can be segmented by type, material, mechanism, product, application, end-user, and by region. Based on type, the market can be divided into Allograft, Xenograft, Autograft, Synthetic Bone Graft, and Others.

Based on material, the market is divided into Human Cell Sources, Collagen, Animal Sources, and Others. Based on mechanism, the market is divided into Osteoconduction, Osteoinduction, Osteopromotion, and Osteogenesis. Based on product, the market is divided into Bio OSS, Grafton, and Osteograf. Based on application, the market is divided into Socket Preservation, Ridge Augmentation, Periodontal Defect Regeneration, Implant Bone Regeneration, and Sinus Lift. Based on end-user, the market is divided into Hospitals & Clinics, Dental Laboratories, and Others.

## Market Players

Institut Straumann AG, Medtronic Plc., Dentsply Sirona, Johnson & Johnson, and Stryker Corporation is some of the leading players operating in the Vietnam Dental Bone Graft Substitute Market.

## Report Scope:

In this report, Vietnam Dental Bone Graft Substitute Market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

### Vietnam Dental Bone Graft Substitute Market, By Type:

Allograft

Xenograft

Autograft

Synthetic Bone Graft

Others

### Vietnam Dental Bone Graft Substitute Market, By Material:

Human Cell Source

Collagen

Animal Source

Others

#### Vietnam Dental Bone Graft Substitute Market, By Mechanism:

Osteoconduction

Osteoinduction

Osteopromotion

Osteogenesis

#### Vietnam Dental Bone Graft Substitute Market, By Product:

Bio OSS

Grafton

Osteograf

#### Vietnam Dental Bone Graft Substitute Market, By Application:

Socket Preservation

Ridge Augmentation

Periodontal Defect Regeneration

Implant Bone Regeneration

Sinus Lift

#### Vietnam Dental Bone Graft Substitute Market, By End User:

Hospitals & Clinics

Dental Laboratories

## Others

### Competitive Landscape

**Company Profiles:** Detailed analysis of the major companies present in Vietnam Dental Bone Graft Substitute Market.

### Available Customizations:

With the given market data, TechSci 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).

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