

What is **BONE GRAFTING?**

The use of natural or synthetic materials from sources outside of the body

Bone grafting is a surgical procedure to replace missing bone with material either from a patient's own body or a natural or synthetic substitute. This procedure is performed with the goal of stimulating new bone formation in the body.

“Autograft” means tissue implanted from one part of the body to another in the same individual. Traditionally, surgeons have used a patient's own bone, but harvesting this bone requires an additional surgical procedure. There are several drawbacks to this approach. First, your body does not offer an unlimited supply of bone, as there is only so much bone the surgeon can remove without creating another problem. Second, the harvesting procedure can be painful and more severe than the bone grafting surgery.

These disadvantages of autografts have led the way for the use of natural or synthetic materials from sources outside of the body, known as “bone graft substitutes.”



What are **BONE GRAFT SUBSTITUTES?**

Innovative products are based on donor bone

Keystone Dental's innovative products are based on donor bone, or “bone graft substitutes,” which are used instead of autografts. Our products contain a unique composition that provides both the signals and scaffold necessary for your body to form new bone.

To date, **Keystone Dental's** bone graft substitutes have been used safely and effectively in more than one million patients. By using our products, surgeons do not need to harvest your own bone to achieve healthy bone repair. Eliminating this additional surgery saves you from the potential for increased pain and longer treatment times.

What **ABOUT SAFETY?**

Highest levels of safety and quality

Keystone Dental is dedicated to delivering the highest quality in our bone grafting products and ensuring your safety. Our products undergo processing steps to make the risk of disease transmission extremely remote. We strictly adhere to tissue banking standards as provided by the Food and Drug Administration (FDA).

Sterilization is achieved through electron beam (e-beam) irradiation after packaging is complete to destroy any microorganisms without negatively affecting the bioactivity of our bone grafting products.

Keystone's bone grafting substitute products contain demineralized bone matrix (DBM), which has been used clinically for 50 years. To date, there have been no confirmed reports of disease transmission with DBM.

Keystone Dental's adherence to strict donor-screening and tissue-testing standards and regulations ensures that you receive bone graft products of the highest levels of safety and quality.