

Bone Graft Options

We offer several options for bone grafting materials to be used to rebuild your jaw. Graft materials basically fall into four main groups. If you have a preference please inform us of your decision. Otherwise **we generally use a combination of the first three groups for bone grafts** depending on your particular situation. The relative merits of the graft materials include but are not limited to the following:

Type:	Advantages	Disadvantages
<input type="checkbox"/> Autograft: bone taken from you	<ul style="list-style-type: none">● No disease transmission● Better chance of success - most compatible● Your own bone is created	<ul style="list-style-type: none">● Another or larger surgical site required to harvest bone● More trauma - more time to procure graft.● More graft shrinkage
<input type="checkbox"/> Allograft: Human Bone from screened donors	<ul style="list-style-type: none">● Less trauma● Faster since bone harvesting not done	<ul style="list-style-type: none">● Very small chance of disease transmission (none documented to date)● Personal reservations● Combination of your bone and Allograft created● Theoretically less compatible than your own bone
<input type="checkbox"/> Xenograft: Usually Bovine (cow) bone	<ul style="list-style-type: none">● Less graft shrinkage● Less trauma● Faster since bone harvesting not done	<ul style="list-style-type: none">● Theoretically less compatible than human bone● Personal reservations● Very small chance of intra-species disease transmission (none documented to date)● Combination of your bone and Xenograft created
<input type="checkbox"/> Genetically Created Growth Enhancer (rhBMP-2)	<ul style="list-style-type: none">● Less Trauma● No disease transmission● Your own bone is created● equal compatibility to your own bone● New Technology	<ul style="list-style-type: none">● Higher cost (2-3x)● New technology● Genetically engineered - Personal reservations

We already usually enhance your bone graft with a **different** purified genetically engineered growth factor (GEM-21) which has been shown to enhance the results of bone grafting. It is a different growth factor, however, than that mentioned above. **Adjustments will be made in your fees for materials costs depending on your choice of bone grafting materials and other augmentation materials used.** ie. barriers, retaining screws or tac's, etc.

Sincerely,



Kenneth Abe, D.D.S.