



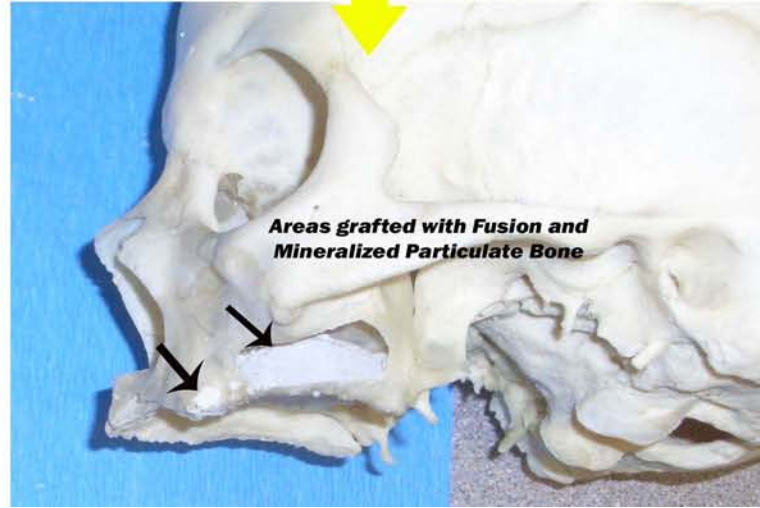
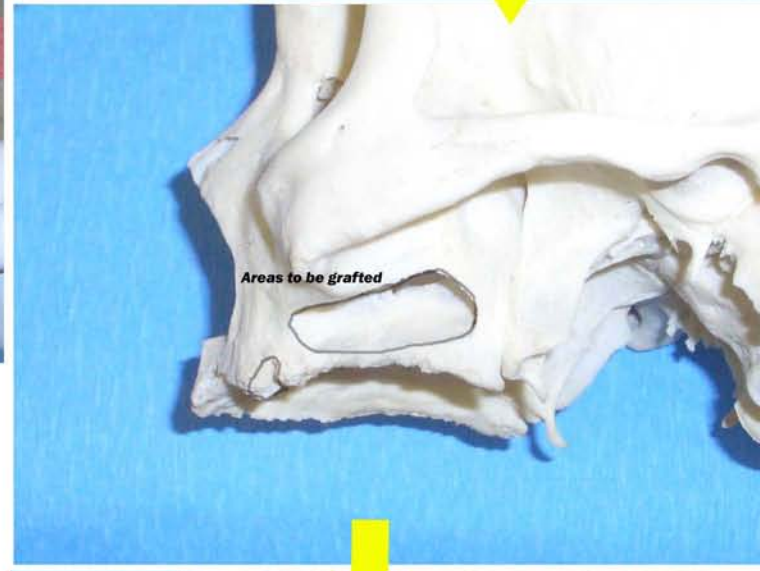
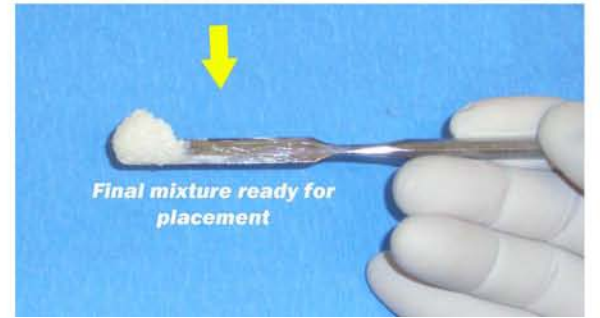
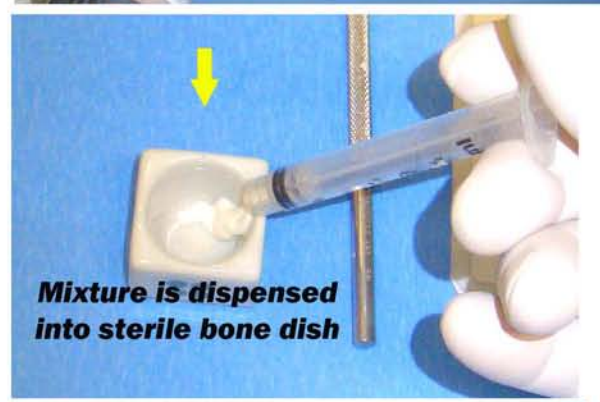
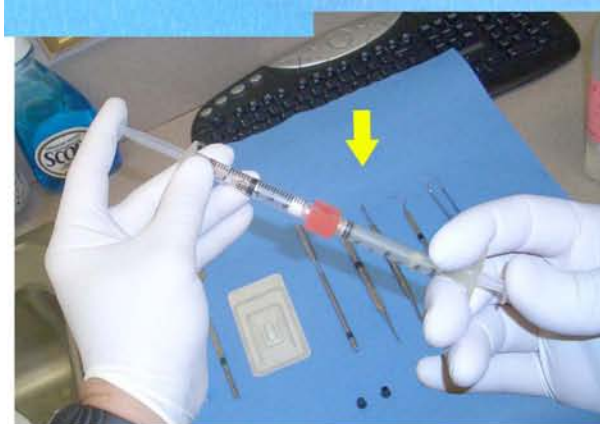
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Instructions for Using Fusion Bone Binder

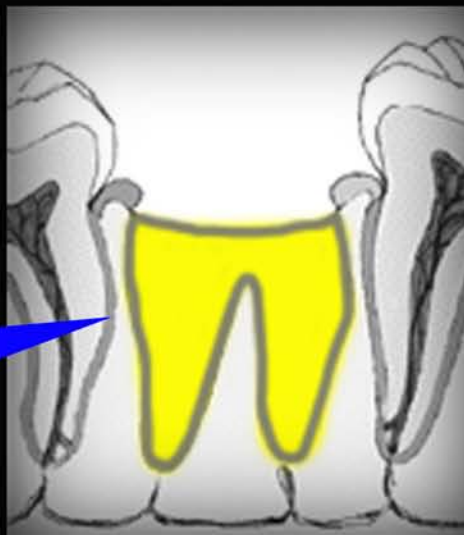
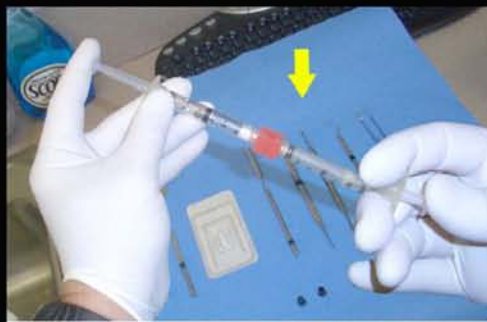
Fusion is a compounded “binder” which allows dentists to combine their particulate grafting material of choice with a binder that will produce a final product with a putty-like consistency, allowing for ease of handling and placement. In addition, the congealed mass “stays where you place it and stays together,” even in the presence of oozing from the recipient site. Variations in the final consistency of the putty will depend on a number of factors which are commented on in the directions below.

- 1.) Fusion comes packaged in two Luer Lock Syringes with a coupling mechanism provided for mixing purposes. This entire package has been gamma radiated to assure complete asepsis and the simple mixing technique described in the following paragraphs assures that sterilization of the graft is maintained with little chance for error.
- 2.) For preparation for grafting please make sure that you have the following out:
 1. Particulate grafting material of choice (either resorbable or non-resorbable)
 2. Sterile mixing dish
 3. One package of Fusion bone binder
 4. Sterile cement spatula
 5. Sterile gauze
 6. Packing and placement instruments (e.g. Molt Curette or #7 Wax Spatula)
- 3.) Unpack the contents of one Fusion package and disperse on a sterile surface or sterile towel. Remove the rubber stopping from the syringe containing the liquid (Gentamycin antibiotic) and screw into one end of the Luer Lock coupler. After making certain that both syringes are screwed securely clockwise into place, push the plunger of the syringe containing the liquid so that it enters into the syringe containing the Fusion powder. Then, alternatively, put the plunger of the syringe containing the powder (and liquid) back into the syringe formerly occupying the liquid. Repeat this back-and-forth motion approximately 30 times in order to obtain a very thorough mix of the binder.
- 4.) Now, remove the coupler from the filled syringe and dispense the mixture into a sterile dish, such as a sterilized dappen dish. Then, add incrementally portions of your particulate grafting material of choice and spatulate the mixture until a thick mix is produced. Continue to mix with the spatula for about 30 seconds.
- 5.) Next, remove the mixture using the spatula or large curette and knead the mixture with gloved fingers. You may also blot the mixture with sterile gauze if the mixture seems “too wet” after kneading or you may also add additional particulate grafting material which will absorb the excessive moisture. On the other hand, if the mixture is too “dry and grainy,” you may add a drop or two of sterile saline or sterile local anesthetic to enhance the working properties of the final putty. It is also perfectly acceptable to add much smaller particle grafting materials to this final mixture (e.g. cortical bone powder or Osseogen HA resorbable) which will absorb excess moisture and provide an ideal bone putty.
- 6.) Next, after making certain that homeostasis has been obtained as best as possible at the recipient site, place the bone mixture in increments and spatulate the putty as needed using either a Molt curette or the spoon end of a Periosteal elevator or other similar sterile surgical instrument.

Sterile Setup for Grafting



Using Fusion with Particulate Grafting Material of Choice for Socket Preservation after Removal of a Lower First Molar



Insurance Codes For Extraction Site Grafting

ADA Code 07955- Repair of maxillofacial soft and hard tissue defect. (This code is to be used to indicate that flap entry and closure were done to repair a defect)

ADA Code 04263- Bone replacement graft- first site in quadrant (This code indicates a graft material was placed in the first extraction site in a quadrant. The graft material is the choice of the clinician. Another tooth in another quadrant will require re-submission of this code)

ADA Code 04264- Bone replacement graft-each additional site in quadrant (This code is used when an additional tooth is being grafted in the same quadrant as the tooth for code 04263)

ADA Code 04266- Guided tissue regeneration- resorbable barrier, per site, per tooth (This code is to be used for a membrane that covers the extraction site graft. This is for a resorbable membrane such as the collagen membranes)

