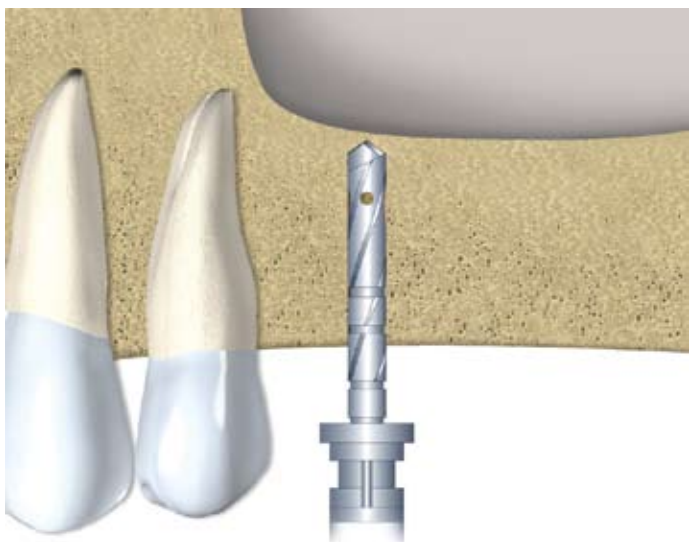
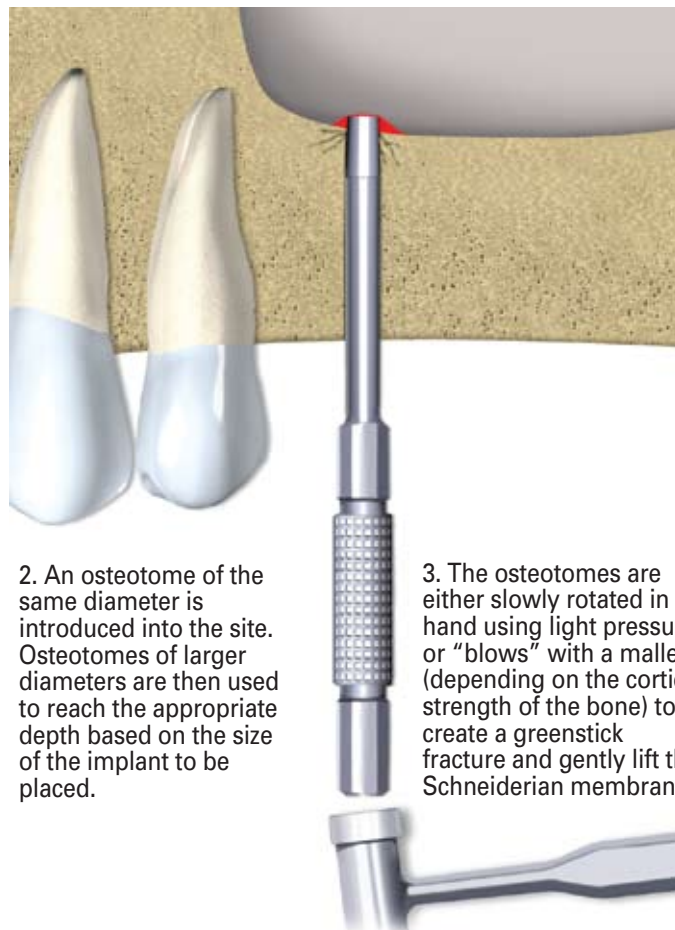


## Socket Lift - Sinus Bump

The osteotome technique is indicated to elevate the maxillary sinus floor when a limited vertical height is available for implant placement. It also helps compress and increase the amount of surface contact between alveolar bone and implant. The osteotome technique is a simple solution and can be successfully used to eliminate some of the limitations present at the posterior part of maxilla. It is possible to obtain a gain of approximately 3 to 4 mm in alveolar height with this technique.

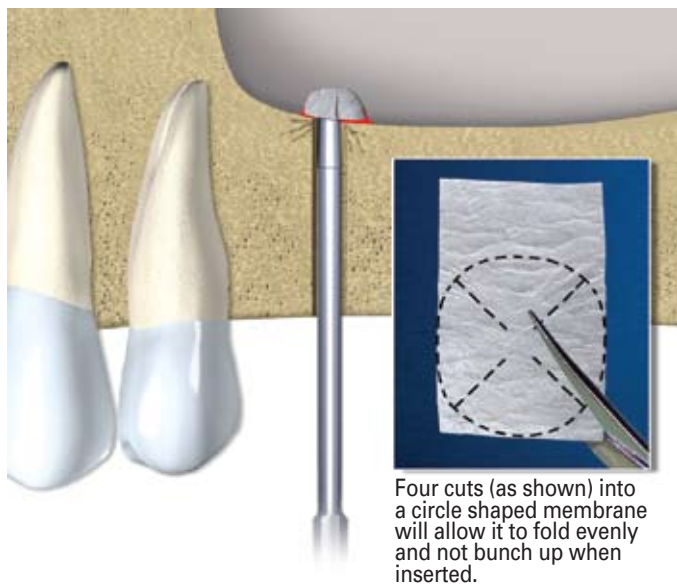


1. The smallest diameter drill (for the particular implant system) is taken to the floor of the sinus.



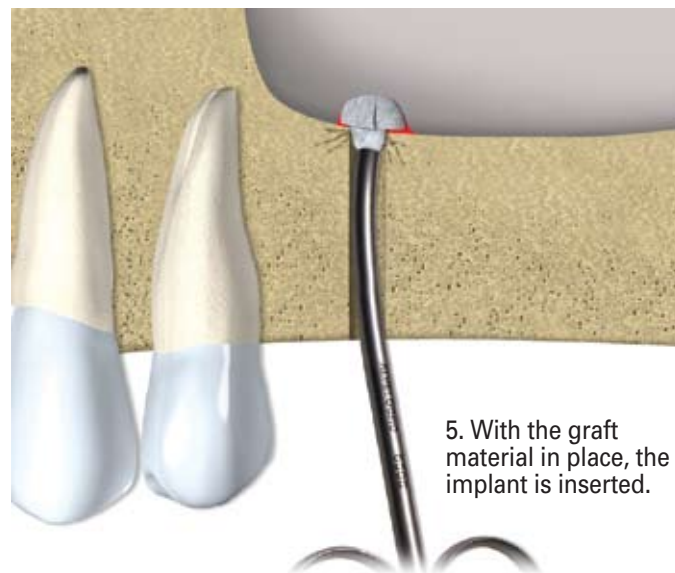
2. An osteotome of the same diameter is introduced into the site. Osteotomes of larger diameters are then used to reach the appropriate depth based on the size of the implant to be placed.

3. The osteotomes are either slowly rotated in by hand using light pressure or "blows" with a mallet (depending on the cortical strength of the bone) to create a greenstick fracture and gently lift the Schneiderian membrane.



Four cuts (as shown) into a circle shaped membrane will allow it to fold evenly and not bunch up when inserted.

4. If the membrane is perforated, a small piece of a resorbable collagen membrane can be cut (see inset) and gently pushed into the osteotomy to act as a barrier in which to pack the graft material against.



5. With the graft material in place, the implant is inserted.

**Questions? Call ALVELOGRO  
at 888-268-3286**