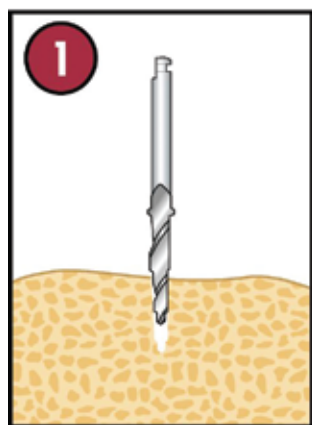
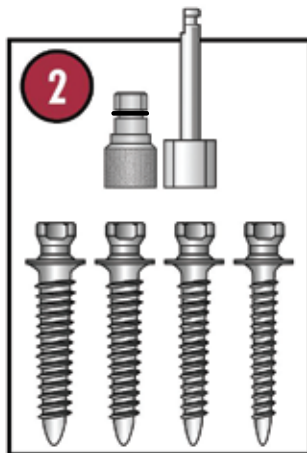


TUTORIAL RIDGE EXPANDING PROCEDURE

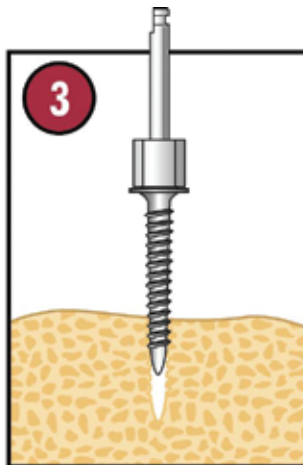
This technique takes advantage of the innate elasticity and flexibility of bone. **SLOW, STEADY** pressure created as the screws advance expands the alveolar bone without raising the flap.



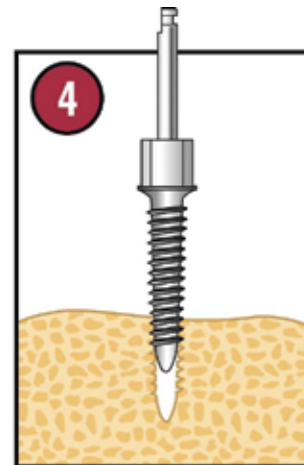
Prepare the osteotomy with an ACE .8mm/1.6mm Step Pilot Bur to desired implant depth. Drilling speed should be 600 - 1,000 rpm.



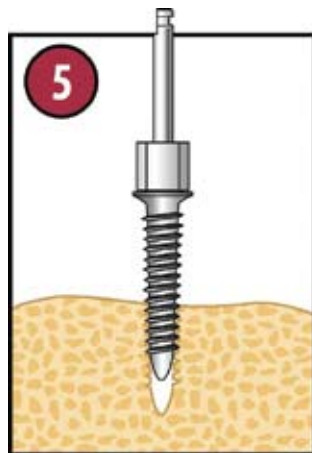
Use either a contra-angle or hand drive tool to drive the expanders (in sequential order) to the desired osteotomy width. Use a 3.6mm expander for 3.75mm/4.0mm implants. Use a 4.3mm expander for 4.75mm implants.



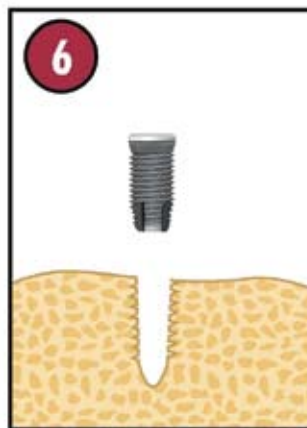
Using the 2.5mm expander tap into the prepared pilot hole to the desired implant length. Drilling speed should be 25 rpm.



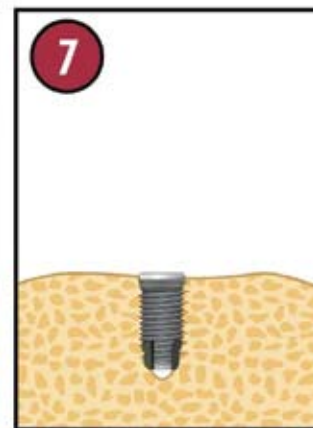
Using the 3.1mm expander next, increase the size of the osteotomy. Drilling speed should be 25 rpm.



Use the 3.6mm as the final expander for a 3.75mm / 4.0mm implant. If placing a 4.75mm implant continue with a 4.3mm expander. Drilling speed should be 25 rpm.

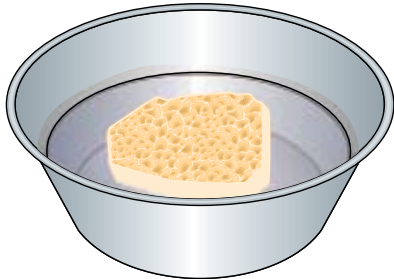


Insert the appropriate sized implant into the osteotomy, which now has a compressed bony interface.



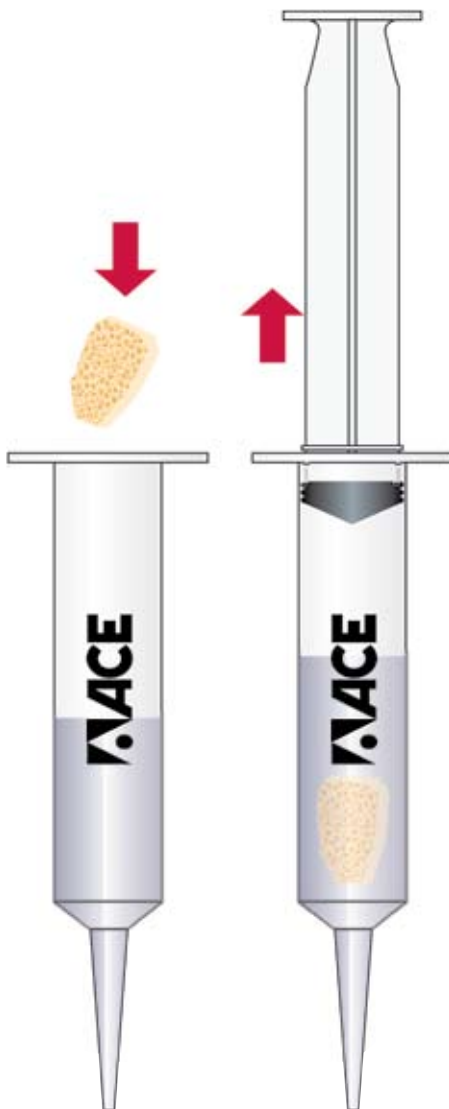
Seat the desired implant.

TUTORIAL TECHNIQUE FOR HYDRATION OF ALLOOSS™ BLOCK GRAFT



- Place block into a bowl with sterile saline for 30 minutes

OPTIONAL SYRINGE TECHNIQUE FOR QUICK HYDRATION OF BLOCK



(Prep Time 3-5 minutes)

- Fill a 20cc syringe (003-4302) halfway with .9% Sodium Chloride (Sterile Saline)
- Place the Allograft bone block into the syringe
- Purge the air out of the syringe
- Using your finger hold the tip of the syringe while creating pressure with the plunger for approximately 3-5 minutes
- Remove the block from the syringe and place it into a bowl of Sodium Chloride (until ready to use)