

Osseodensification

Facilitated Crestal Sinus Lift Protocol I*

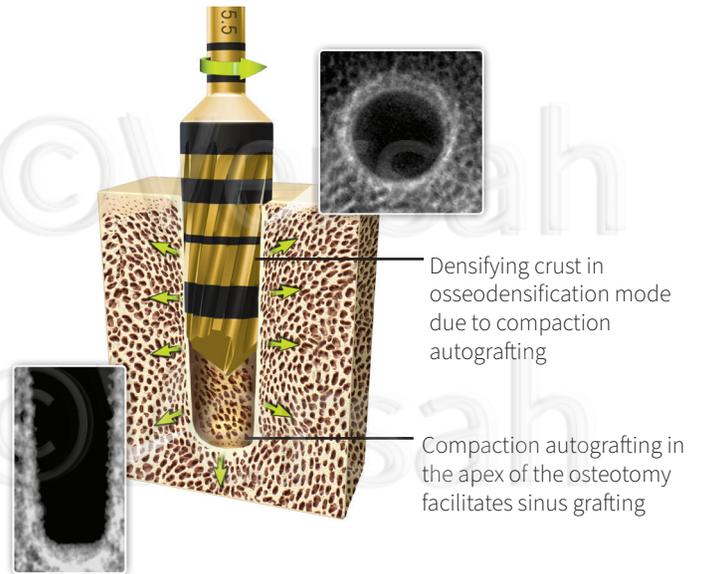


Crestal Sinus Lift
Protocol I

Minimum residual bone height ≥ 6 mm. Minimum alveolar width needed = 4 mm

Overview: Use Densah® Burs in full step increments. For example: 2.0 mm, 3.0 mm, 4.0 mm, 5.0 mm.

- MEASURE BONE HEIGHT TO SINUS FLOOR
- PILOT DRILL 1 MM BELOW THE SINUS FLOOR
- DENSAH® BUR (2.0) IN OD MODE TO SINUS FLOOR
- ENTER WITH DENSAH® BUR (3.0) IN OD MODE UP TO 3MM PAST THE SINUS FLOOR
- DENSAH® BUR (4.0), (5.0) OD MODE UP TO 3 MM PAST THE SINUS FLOOR, IF NEEDED
- USE DENSAH® BURS IN FULL STEP INCREMENTS FOR EXAMPLE: 2.0 MM, 3.0 MM, 4.0 MM, 5.0 MM



Step 1



Step 1:

Measure bone height to the sinus floor.

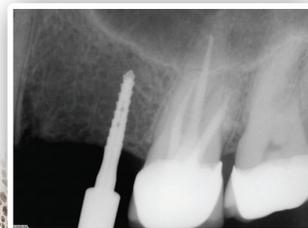
Flap the soft tissue using instruments and technique normally used.

Step 2:

Pilot drill 1 mm below the sinus floor.

In cases where posterior residual alveolar ridge height is ≥ 6.0 mm, and additional vertical depth is desired, drill to the depth determined within an approximate safety zone of 1.0 mm from the sinus floor using a pilot drill (clockwise drill speed 1000 rpm with copious irrigation). Confirm pilot drill position with a radiograph.

Step 2



Clinical Versatility of Osseodensification

Step 3



Step 3:

Densah® Bur (2.0) OD mode to sinus floor.

Depending upon the implant type and diameter selected for the site, begin with the narrowest Densah® Bur (2.0). Change the surgical motor to reverse-Densifying Mode (counterclockwise drill speed 1000 rpm with copious irrigation). Begin running the bur into the osteotomy. When feeling the haptic feedback of the bur reaching the dense sinus floor, stop and confirm the first Densah® Bur vertical position with a radiograph.

Step 4



Step 4:

Enter with Densah® Bur (3.0) OD mode up to 3 mm past the sinus floor.

Use the next wider Densah® Bur (3.0) in densifying-mode (counterclockwise drill speed 1000 rpm with copious irrigation) and advance it into the previously created osteotomy with modulating pressure and a pumping motion. When feeling the haptic feedback of the bur reaching the dense sinus floor, modulate pressure with a gentle pumping motion to advance past the sinus floor in 1 mm increments. **Maximum possible advancement past the sinus floor at any stage must not exceed 3 mm.** As the next wider Densah® Bur advances in the osteotomy, additional autogenous bone will be pushed toward the apical end to achieve additional vertical depth and a maximum membrane lift of 3.0 mm. Confirm the bur vertical position with a radiograph.

Step 5



Step 5:

Place Implant.

Place the implant into the osteotomy. If using the surgical motor to tap the implant into place, the unit may stop when reaching the placement torque maximum. Finish placing the implant to depth with a torque indication ratchet wrench.

* Data on file, visit versah.com/our-science/ for Maxillary Sinus Graft studies

Clinician judgement and experience should be applied in conjunction with this clinical practice suggestive use protocol