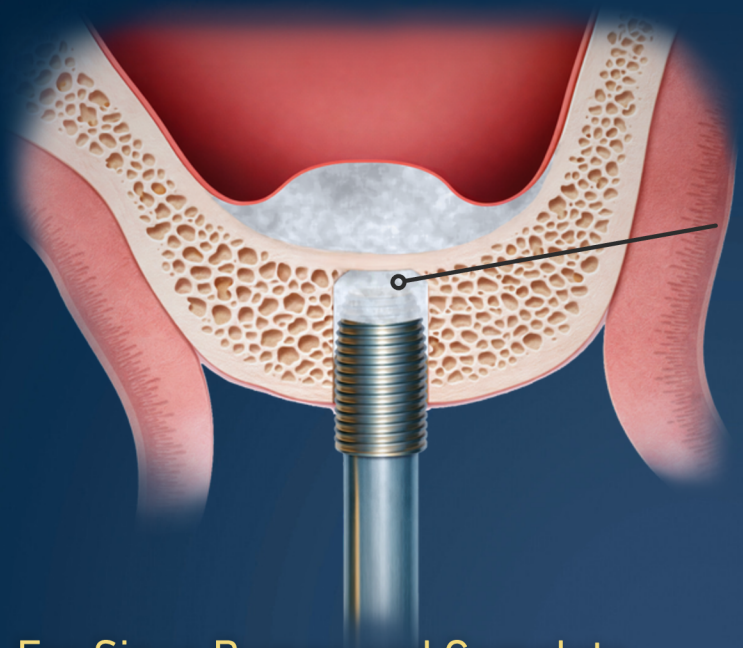
Never Tear Another Sinus Membrane



BioDensification is designed to flow through porous cancellous bone channels and lift the sinus membrane



TOSA™ Kit:
Drill and Driver (patent pending)
BioDensification sold separately

For Sinus Bumps and Complete Sinus Augmentation

TOSA™

Trans-Osseous Sinus Augmentation™

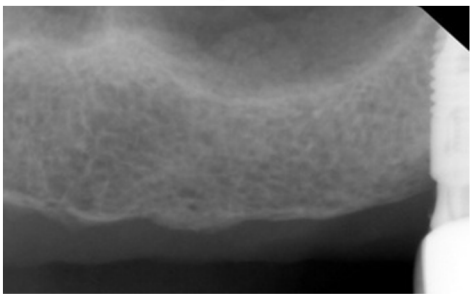
- Prepare the osteotomy with the **TOSA™ Drill** short of the sinus
- Fill osteotomy with **BioDensification™** using the **TOSA™** driver
- The **TOSA™ Driver** acts as a piston, generating controlled pressure that transmits through trabecular spaces to gently elevate the sinus membrane
- After lifting membrane, penetrate the sinus to add additional bone graft if needed
- Place the implant at the time of grafting

STEINERBIO®

FDA-cleared bone grafts.
Over a decade of clinical use.

Learn more at **steinerbio.com/TOSA**

1



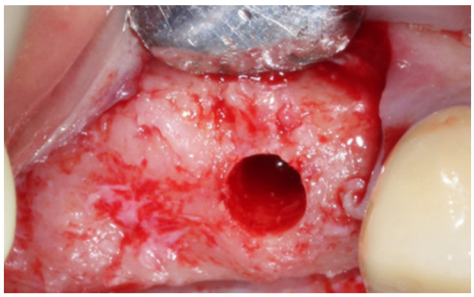
A well-defined floor of the sinus where resistance to drilling is easily felt. Make sure to measure the distance from crest to sinus and plan to stop within 2 mm or less from the floor of the sinus.

2



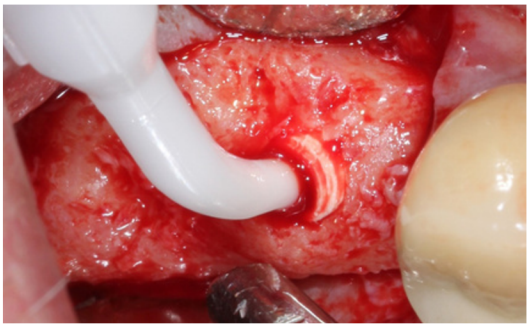
Create the osteotomy with the TOSA drill. The TOSA Drill size is 3.1 mm and is a flat end-cutting drill. The maxillary posterior bone is soft allowing the drill to quickly cut and control depth.

3



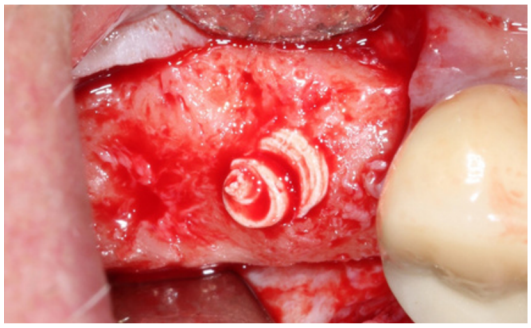
Osteotomy completed with the TOSA Drill. The size of the drill allows the surgeon to remove the drill and visually examine and measure the depth of the osteotomy precisely.

4



Fill osteotomy with BioDensification

5



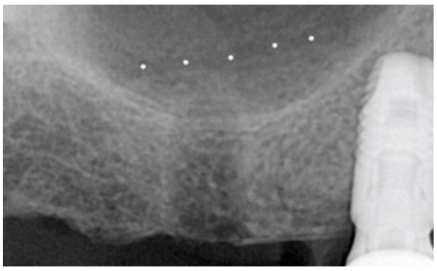
After the osteotomy is filled, use the TOSA driver (3.6 mm)

6



Place the TOSA driver into the filled osteotomy. Use the slow speed setting of headpiece to push the graft material through the porous trabecular bone and into the sinus.

7



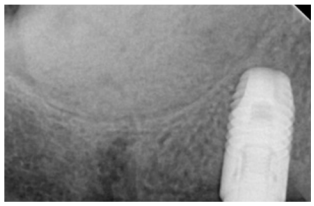
Depending on how much lift is needed, repeat filling the osteotomy and driving the graft into the sinus. If a sinus bump is all that is needed, once the sinus membrane has been lifted from the bone, drill into the sinus and place your implant. For a full sinus augmentation, follow the next steps.

8



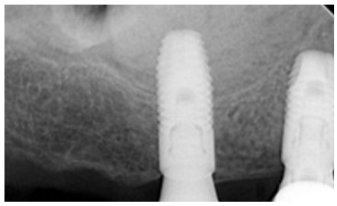
For a full sinus augmentation, use Sinus Graft (2 cc). Use the same osteotomy that was used for the TOSA driver. Cut the dispensing tip to allow for the tip to seal at the crest. Express the Sinus Graft syringe to hydraulically lift the sinus membrane until reaching the desired height. Confirm height with a periapical radiograph.

9



After Sinus Graft is injected, the osteotomy can be enlarged to fit the implant. We advise drilling the complete length of the implant before placement.

10



Sinus Graft will set hard in about 20 minutes and maintain this shape for months. With Sinus Graft, the implant is usually placed at the time of grafting and loaded 3 months after grafting.

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