

# Osseodensification

Versah™ C-Guide™ System Protocol

**Overview:** The Versah™ C-Guide™ Guided surgery is an innovative system that allows for adequate irrigation, proper visualization of the osteotomy expansion/preparation, freedom to luxate the Densah™ Bur and the ability to manage multiple sites with different preparation depths and diameter with precision.

## Preparation

### Step 1

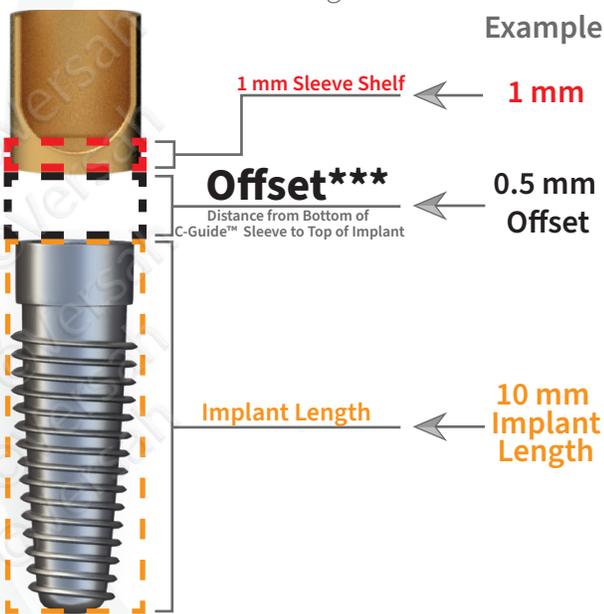
**Imaging:** Obtain a CBCT scan and clinical impressions of patients designated jaw(s) (upper or lower).

### Step 2

**Treatment Planning:** Contact Versah certified dental lab. Send the lab the CBCT scan and clinical impressions. For a list of all Versah certified labs please visit Versah website: [www.versah.com/guided-surgery-system/](http://www.versah.com/guided-surgery-system/).

### Step 3

**Schedule case planning session with your lab** to decide the final implant diameter/angulation as well as the drilling sequence with burs needed according to the following formula.



Final G-Stop™ Depth must be calculated and communicated to the Doctor Using the Formula:

| Formula               | Example        |
|-----------------------|----------------|
| Implant Length        | 10 mm          |
| Offset Distance       | 0.5 mm         |
| <b>+</b> C-Guide™     | <b>+</b> 1 mm  |
| <b>G-Stop™ Length</b> | <b>11.5 mm</b> |



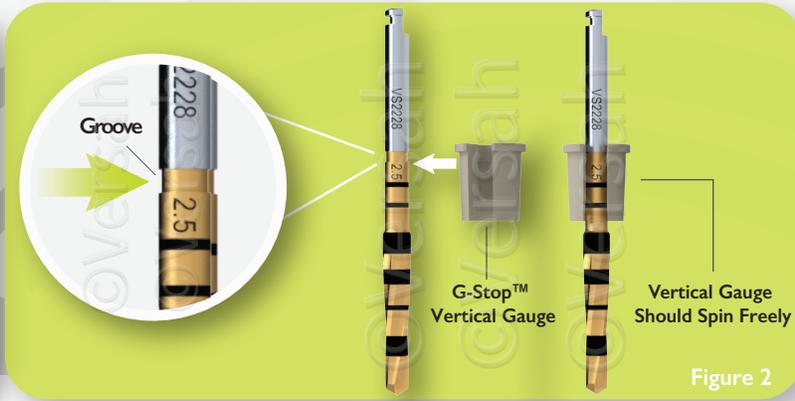
\* Doctor to order G-Stop™ (keys & gauges) directly from Versah™.

\*\* Lab to order the C-Guide™ sleeves to install in surgical guide.

\*\*\* Adjust the Offset 0-3 mm to Create an Exact Match with a G-Stop™ Drilling Depth.

# Clinical

**Step 4** Select the appropriate G-Stop™ assembly (Which is the G-Stop™ vertical gauge + G-Stop™ Key as in Figure 1 for the burs to be used in the surgery. Next, snap the vertical gauge into the Densah™ Bur designated groove on its shank as in Figure 2. The vertical gauge should spin freely as in Figure 3.



**Step 5**

- Use G-Stop™ (5 mm) to mark your osteotomy and Establish initial trajectory as in Figure 4.
- Exchange the 5 mm G-Stop™ with the designated final depth G-Stop™ to drill to the final osteotomy depth as in Figure 5.

*You may repeat the above staged depth drilling sequence with the Densah™ Bur as needed.*

**Step 6** Start with subsequent Densah™ Bur in your drilling protocol. Attach the 5 mm G-Stop™ Key and drill to depth. Proceed with the next G-Stop™ Key until desired depth is achieved. Your vertical stop must align with your C-Guide™ sleeve as in Figure 6.

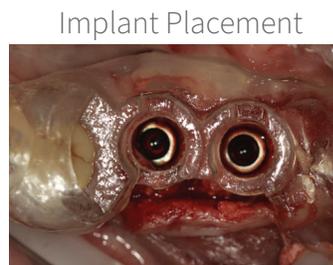


## Reference

Using the 5 mm G-Stop™ Vertical Stop Drill to Depth



Scan this QR code to view our animation video.



\*Case Provided by Issac Tawil