

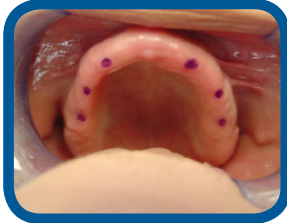
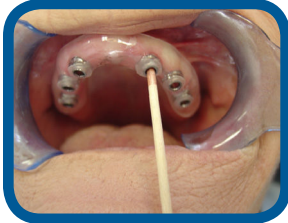
Shatkin F.I.R.S.T.[®]

Denture Stabilization Procedural Guide



1 Try in denture(s) and surgical stent(s).

2 Use Betadine to clean the patients tissue and perform pre-procedural rinse (use either chlorine dioxide or chlorhexidine).



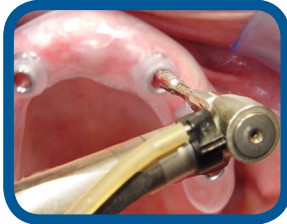
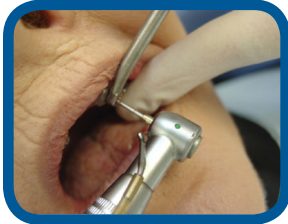
3 Using surgical stent and a Thompson marking stick, mark holes where implant(s) will be placed.

4 Anesthesia:
Infiltrate on mark, buccal to mark, lingual to mark.
Block anesthesia is usually not needed (and not advised because this allows for patient feedback during the procedure, reducing the risk of nerve damage).



5 Place surgical stent back in mouth and instruct assistant to firmly hold surgical stent in place.
(IT IS IMPORTANT THAT THE SURGICAL STENT DOES NOT MOVE)

6 Create a Pilot hole
With copious irrigation (using sterile water), drill at 2000 RPM with 20:1 ratio handpiece for each hole. Using a surgical stent and drill guide, drill to complete depth allowed by the Shatkin F.I.R.S.T.[®] pilot drill guide instrument. Be sure to drill pilot hole with a tapping motion.



7 Insert the Implant
Pick up mini implant using MDL Contra Angle Driver and take implant out of vial. Insert implant into stent opening through gingiva into bone. Palpitate the ridge both lingual and buccal to make sure MDL does not perforate buccal or lingual bone. Place implant as far as possible with surgical stent in place then remove surgical stent. Continue to drive implant into final position where the top of the round polished collar is flush with the gingiva. Tap on implant with mirror handle and listen for solid sound to confirm osseo-stabilization.



8 Denture placement and prosthetic technique:
Snap o-ring housings on implants prior to using Shatkin F.I.R.S.T.[®] Reline Material. Shatkin F.I.R.S.T.[®] block out shims may be used on mini-implants if collar of implant is above gingiva to prevent locking denture on implants.



Remove acrylic where needed to assure denture seats passively over housings.
* If you are making a new denture, the Shatkin F.I.R.S.T.[®] Lab will hollow out the denture for implant housings to be placed. Place Shatkin F.I.R.S.T.[®] Reline Material in denture and seat in mouth. After 5 minutes, remove denture and polish with lab burr to remove excess acrylic (you should be able to see periphery of metal housings).

Fill any voids with flowable light cured resin. Trim denture borders 1-2 mm to reduce sore spots.

IMPORTANT: Use Shatkin F.I.R.S.T. Hard reline material to pick up o-ring housings. Dr. Shatkin does NOT advise using a soft reline material as it causes increased implant failures.

*Dr. Shatkin recommends taking a Shatkin F.I.R.S.T.[®] Mini-Dental Implant training course before performing these procedures.

Visit www.ShatkinFIRST.com for the complete list of Training Courses

