

# Shatkin F.I.R.S.T.<sup>®</sup>

## Denture Stabilization



**1** Try in Crown(s) or Bridge(s).

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

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

**4** Perform Anesthesia: infiltrate on mark, buccal to mark, and 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.<sup>®</sup> 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.

**8** Tap on implant with mirror handle and listen for solid sound to confirm osseostabilization.

\* If you are placing more than one implant, try restoration on after each implant is placed to insure fit.

\*If you are performing this procedure in two visits, you will need to take another PVS impression after the implant is placed. This will be sent to the Shatkin F.I.R.S.T.<sup>®</sup> lab with a new, completed lab slip.

\*If you are performing this procedure in 2 visits, you may need to place Shatkin F.I.R.S.T.<sup>®</sup> (MLHC) healing caps over the implants.

**9** Cement the Crown (s) or Bridge.  
Take a post-Operative X-Ray.

Using Shatkin F.I.R.S.T.<sup>®</sup> Resin Cement place cement in hole(s) of crown(s) and around ball and square of Mini Implant. Sandwich crown onto implant and have patient bite together. After 60 seconds excess cement may be removed. Then have patient bite for additional 4 minutes to final set. Check and adjust occlusion as needed.

Take final x-ray. Prescribe Broad Spectrum Antibiotic (ex. Pen VK or Keflex) and appropriate pain relievers. Reappoint patient in 1 week for follow up.

**\*Note: ratchet wrench may not be needed if using Shatkin F.I.R.S.T.<sup>®</sup> Motor (Dr. Shatkin has never broken a mini-implant when it has been placed using the Shatkin F.I.R.S.T.<sup>®</sup> Motor manufactured by Aseptico)\***

\*Dr. Shatkin recommends taking a Shatkin F.I.R.S.T.<sup>®</sup> Mini-Dental Implant training course before performing these procedures.

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