



Global Dental Solutions, LLC®

full service dental laboratory

Complete Upper or Lower Replacement Screw-Retained, Fixed Hybrid Prosthesis

*(Premium Denture Teeth and Acrylic Processed Directly to a Milled Titanium Bar.
Prosthesis will be Fixed to the Patient/Removable Only by the Doctor)*

VISIT ONE: Master Impression

- Remove the healing abutments.
- Attach engaging impression copings (open tray, pickup copings preferred for accuracy) and verify seating with a radiograph.
- Make an impression (use of custom tray recommended).
- Unscrew pickup copings and remove the impression.
- Replace the healing abutments.
- Send the impression (w/impression pins) to the laboratory for fabrication of the model verification jig and bite rim.

VISIT TWO: Model Verification Jig & Bite

- Remove the healing abutments.
- Try in the verification jig with lab screws to verify model accuracy.
- Jig should sit solidly on implants without rocking. Gently finger tighten one to two screws into place and take a radiograph to assure all abutments are completely seated on implants. If there is any question with the fit of the jig, please call Global Dental Solutions for instructions.
- Remove the verification jig and replace the healing abutments that will not be engaged by the bite rim.
- Bolt the bite rim into place. Make a bite registration record.
- Select tooth mold and shade.
- Send the jig, bite rim, and opposing to the laboratory for completion of the denture set up.



Global Dental Solutions, LLC®

full service dental laboratory

VISIT THREE: Wax Try-In

- Remove healing abutments.
- Screw in set-up to verify the bite and aesthetics.
- Adjust wax to tissue as needed. Final prosthesis will duplicate the contours of the try-in.
- Return to the lab for completion of the case or milling of the bar and reset for final try-in. In the event that the implants are not parallel and angled multi-unit abutments are required, we will provide the needed abutments to you with the final prosthesis.

VISIT FOUR (Optional/Recommended): Try-in of Teeth on the Milled Titanium Bar

- Remove healing abutments.
- Screw in the titanium bar w/set-up to verify the bite, positioning of teeth, and the contours of the tissue areas.
- Return to the lab for final processing.

VISIT FIVE: Delivery

- Remove the healing abutments or healing caps from the implants or abutments. Place the prosthesis into position and thread the retaining screws into the fixtures; finger tighten using the company-specific driver. Torque the screws to the recommended NCM with a torque device following the manufacturer's instructions. Make any occlusal adjustments necessary. Place a protective material over the screw heads. Fill the access holes with composite resin and polish (use a composite shade that does not match tooth shade in non-aesthetic areas for ease of future recovery). Instruct the patient on the proper oral hygiene.
- If any multi-unit abutments were required to correct parallelism issues, please torque them into place using the recommended NCM with a torque device following the manufacturer's instructions, prior to seating the prosthesis.

Please call the lab with any further questions or concerns regarding the above procedure.

Global Dental Solutions, LLC

866.905.1111

404.256.0501