

Clinical Procedure: Full Arch Model & Provisional Scan

Variation: Patient w/ Existing Provisional Model

First Appointment – Records & Evaluation

Photography

Full face full smile photo (add profile if class I or class II). Retracted photographs from front, left side, and right side in occlusion (see below).

Esthetic & Functional

- Complete the Full Arch Esthetic & Functional Work-up form
- Capture Shade

Scan 1 – Arch to Restore

- Remove screw-retained provisional from patient's mouth
- Screw restoration onto provisional model
- Scan Provisional & Model
 - Start scanning the occlusal table of the most posterior left tooth. Work down the facial surface overlapping onto the tissue, at least 10mm. Move mesially to the next tooth and then scan up to the occlusal table, overlapping slightly. Continue all the way to the other side of the arch. Continue onto the lingual surface of the teeth and palate.

Note: It is important to capture as much model data as possible so that the lab can accurately merge your scan data to the labs. If having trouble with capturing model in scan, then utilize scan spray.

- Re-insert provisional

Scan 2 – Opposing Arch (capture all vestibules)

Scan 3 – MIP Bite Scan

- Scan patient in MIP (Maximum Intercuspatation) only
- Check scan to make sure patient is occluding in all areas that they are clinically

PHOTOGRAPHS



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2nd Appointment – Try-In Device

Try-In Device Adjustment

- Remove Existing Device
- Insert Try-In Device
 - Insert Try-In Device utilizing screws provided (only tighten with hand driver)
 - Adjust centric occlusion
 - Adjust Protrusive, left, and right excursions and all interferences

Photographs

Full face full smile photo (add a profile photo if class II or class III). Retracted photographs from front, left side, and right side in occlusion (see below).

Note: Refer to pictures on previous page.

Try-In Evaluation

- Complete Full Arch Esthetic & Functional Work-up form
- Complete Full Arch Fixed Final Hybrid RX. If going to finish is desired and esthetic adjustments are needed, a Digital Design Approval will be required to proceed to finish.

Reline & Capture Bite

- Remove try-in device and paint tray adhesive on tissue of device
- Insert try-in device and hand tighten all screws
- Inject light body impression material into all voids
- Capture new bite

Implant Verification Jig

- Remove try-in device and insert verification jig. Lute all pieces together with XPdent Pi-Ku-Plast or GC pattern Resin. *Do not* use light cured composite.

Remove Try-In Device & Re-insert Provisional

Send Case to Peterson Dental Lab

- 10 days required to complete Zirconia Hybrid (utilizing tibases)
- 15 days required to complete Zirconia Hybrid (utilizing, Integrated Bar, Montreal bar or Prep Bar)

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3rd Appointment – Delivery

Delivery

- Remove patient's protection copings
- Insert Final Device (2-person task)
 - Insert Final from behind patient, applying equal pressure on restoration all around the arch.
 - Insert screws one at a time around the arch and slightly tighten with hand wrench. Go back and retighten by hand like you would “lug nuts” on a tire, equally distributing tightening so that the restoration connection seat all at the same angle.
- Adjust occlusion as needed
- Torque Provisional (follow manufacturer's specifications)
- Fill holes with cotton then cover with composite