

General

The try-in evaluation appointment is very important and is the last stage prior to completing a full arch reconstruction case. This appointment gives the patient the opportunity to try-in a “functional and esthetics mockup” prior to completing the definitive device. The try-in device is used to evaluate the shape of the restoration, not the color or fine details such as minor surface texture, that would break up light refraction. Shade is to be provided to the lab with the Ivoclar Vita 16 shade guide.

Try-in devices are designed from clinical information submitted to the laboratory via occlusal rims (“wax rims”) or by other digital means of capturing clinical data. The size, shape and arrangement of teeth are all completed from the clinical information communicated to the lab. The try-in device “over-all look” should never be a surprise.

Try-In Device Evaluation

□ Mark Patient’s Existing VDO

- Measure patient’s VDO “vertical dimension of occlusion” with the existing restoration in place. Mark a dot on the patient’s nose and a dot on the chin with a thin sharpie. Record the distance of the two dots.

Note: Photos of Existing Device

If you have not already submitted photos of the existing restoration to the lab, at this time do so. The lab uses these photos to compare the original restoration with the new try-in device. Capture face full smile as well as left and right profile photos.

□ Insert Try-in Device

- Insert device from a seated position behind the patient, applying equal pressure on restoration all around the arch.
- Insert screws one at a time around the arch and slightly tighten with a hand wrench. Go back and retighten like you would “lug nuts” on a tire, equally distributing tightening so that the try-in device connections seat all at the same time. Do not torque, only use hand wrench with light pressure.

ATTENTION - If the try-in device is over tightened you run the risk of breaking the prosthetic abutment connection on the try-in device. If this occurs, and you can continue with appointment, then do so. It is ok. The device is not meant to be used in as an implant verification jig.

□ Evaluation of Function

- It is important at this stage to evaluate and make occlusal adjustments. The more time and effort put in at this stage, will result in the reduction of occlusal adjustments in the final prosthetic device.
 - Evaluate centric occlusion
 - Evaluate left and right excursive movements

Clinical Procedure: Try-In Device

Variation: Screw-Retained

- Evaluate protrusive movement

Prosthetic Gap – If there is a gap between the tissue and the try-in device, reline the device with light body impression material. Do not forget to use tray adhesive.

□ Evaluation of Esthetics

- Adjustments to Esthetics

Esthetics go hand in hand with function and more adjustment might be needed to communicate esthetics changes to laboratory.

Example: If the laterals need to be shortened by .5mm, then adjust them chairside so that your patient can see what that would look like right away, eliminating the need to come back for another try-in. This is a prototype and is meant to be a tool chairside.

- Complete the **Full Arch Esthetic & Functional Work-up**
- Complete the **Full Arch Fixed Final RX**

Digital Design Approval - If esthetic zone or complex functional adjustments are needed and going “to finish” is requested, then a series of photos will be emailed to you prior to completion.

□ Photographs

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

□ 3 Piece Bite

- Have patient close 2-3 times and note where the lower and upper anterior contact.
- Inject bite registration on both posterior quadrants and have patient close. Make sure the anterior teeth occlude in the same place they did before. Allow registration to set.
- Inject and connect both quadrant bite registrations together.

□ 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)