



Global Dental Solutions, LLC®

Full service dental laboratory

Steps/Protocol for Full Arch Screw-Retained Zirconia Bridge:

1. The master impression is sent to us.
2. We will fabricate a soft tissue master model, a verification jig, a baseplate and a rim.
3. The above materials will be returned to you so that you can take the bite registration using the baseplate and rim and can confirm the accuracy of the master model using the verification jig. If the jig fits intraorally and the x-ray shows sealed margins, then send the case back to us for the next step. If the jig does not fit properly, section the jig using a thin disc and lute it intraorally. Use any pattern resin. Do not use light cure composite, as it is too brittle and will snap inside the impression. Remove the jig to relieve any tension placed on it and then reinsert it intraorally. Confirm again that the margins are sealed. Take an open tray impression of the luted jig and send it to us for making a new master model. If the patient wants the new restoration(s) to be similar to existing dentition or restorations, please send models of it for us to match.

4. Option 1:

We will fabricate a denture setup and return it for try in. Because it is a denture setup in wax, the resin teeth can be manipulated in office, if desired.

Option 2:

We will fabricate a screw-retained PMMA temporary that can be seated and worn in the patient's mouth. The patient should take the time to try out the occlusion and contours prior to requesting changes or providing approval.

If the try in is approved, please return it to us. We will fabricate the final zirconia bridge from the approved try in. If not approved, we will make the requested changes and return the try in. If the patient's condition requires pink tissue on the full arch bridge, please be sure to provide a tissue shade. If you have the Ivoclar gingiva shade guide, we are able to use that. If you do not, then feel free to send us a gum shade guide with the case.

5. The final bridge is returned for delivery.

**If the implants are not parallel, and angled multi-unit abutments are required (and were not already seated in mouth prior to the original master impression), we will provide the needed abutments to you.*