Review and follow preliminary protocol steps a. through d.

- Preliminary Work-up
- Diagnostic Wax-up, Temporary Set-up
- Radiographic Correction Tray
- Stents

1. The procedure for construction of a fixed detachable denture bridge (hybrid bridge) follows the same sequence as that of Overdenture Bar Type Reconstructions from paragraph #1 through and including paragraph #4 (Bar fabrication). Then continue with paragraph #2 on this page.

2. Screw long plastic cylinders on analogs. Incorporate the PC Wafer (prefabricated rim) or construct a horseshoe type rim made of Dura-Lay, GC Resin Pattern and/or wax. Another alternative is to use gold or titanium cylinders instead of plastic.

3. The gingival aspect of the frame should be convex with approximately 2mm of the cylinder protruding.

4. The frame should be approximately 4mm to 5mm thick and a minimum 6mm wide. The cantilever extensions should be approximately 10mm long in the maxillary and 15mm in the mandibular, to support no more than two denture teeth.

5. Retention loops or beads are added and the silicone index containing the denture teeth is positioned to check for clearance.

6. The frame can be invested in sections or in one piece. The pattern is cast in a hard noble alloy. The sections are soldered and the bar is checked for a passive fit.

7. The frame is finished and polished with polishing protector caps to protect the cylinders. The frame may be silicoated prior to processing acrylic.

8. After the fit is verified, the denture teeth are reset over the frame. It may be necessary to cut holes into some of the teeth to accommodate the guide pins. Long guide pins are used to secure the frame to the master model and create access holes through the acrylic.

9. The denture bridge may be processed in either pour or heat cure resin on the master model. The guide pins may have to be heated with a soldering iron to remove them from the processed acrylic.

10. The restoration is finished, polished and sent back to the dentist.

11. The bar is secured, occlusion checked, and the access holes filled with an occlusal plug, resin or composite.