

Crown Under Partial Technique 1

When placing a Full Contour Zirconia (FCZ), or Full Cast Crown and the partial currently fits the tooth to be crowned Prodenco is able to make the crown without the doctor impressing the partial. This technique is not to be used for porcelain crowns.

1. Before you prep the tooth and without the partial, take an impression with a quad tray or full arch tray.
2. Prep the tooth for the crown.
3. Without the partial take another impression using the same tray as in step one.

Crown Under Partial Technique 2

When a tooth abutting a partial requires crowning, the dentist traditionally sends the partial with the case to the lab. This requires the patient to be without the partial for a week or two. The following (in office) technique uses a medium body material to register the clasp-tooth-relationship. As a result, the patient never has to be without their partial.



1. Prepare the tooth for a crown and take the usual working impression.



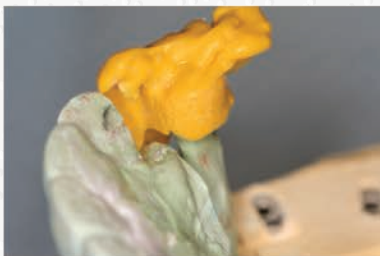
2. Insert the partial and assure that it is properly seated. Inject medium body material around the prep.



3. Continue expressing material until clasp and rest are covered.



4. When the impression material has cured remove the partial with the material. Trim away material until outer surfaces of the clasp and rest are exposed. Remove the index from the partial by pushing it in an apical direction.



5. Temporize the patient and send them home wearing the partial. Send the medium body index in a small box along with the case.



6. Prodenco will make a resin reproduction of the clasp.



7. The lab will fabricate a crown to the clasp dimensions



8. Cement the crown and immediately seat the partial. Wait until cement cures and then remove the partial and excess cement.

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