

CLASS V COMPOSITE RESTORATION PLACEMENT & FINISHING

1. Etch the enamel for 20 seconds.
2. Wash and thoroughly dry
3. Check the etched enamel to insure it is chalky white in appearance.
4. Etch the dentin for 5-10 seconds.
5. Wash and lightly dry with air.
6. Remove the remaining water by blotting the area with a cotton pellet until it is free of moisture.
7. Apply the Optibond bonding agent.
8. Gently air dry
9. Light cure for 20 seconds.
10. Apply the 1st increment of composite to cover the axial wall into the gingival undercut and the incisal margins.
11. Light Cure for 40 seconds.
12. Apply the 2nd increment of composite to cover the gingival margin and finalize the axial contours.
 - If it is a large restoration then 3 increments of composite should be used.
 - The 1st increment should cover the axial wall into the gingival undercut and the incisal margin.
 - The 2nd increment should cover the axial wall and create the axial contours, but not extend over the gingival margin.
 - The 3rd increment should cover and seal the gingival margin.
13. Light cure for 40 seconds.
14. Evaluate the restoration to insure it is slightly over-contoured so that the final contours can be developed when finishing.
15. Contour and remove most of the excess from the marginal areas with the 7901 finishing bur.
16. Remove the proximal and gingival excess with the #12 blade.
17. Finalize the contours and remove excess at the margins with the course (green) Ultradent cup.
18. Smooth and polish with the Ultradent medium (yellow) and fine (white) cups.
19. Evaluate the final restoration for proper contours and margins.
20. Remove the rubber dam.
21. Evaluate the gingival margins and tooth structure gingival to the margin for roughness. Remove any excess composite with #12 blade and smooth with a sharp curette.
22. Give your patient postoperative instructions.
 - a. The gingival tissues might be sore for a few days following the procedure due to the clamp retraction and the irritation during finishing.
 - b. Brush and floss gently until the tissues are no longer sore.
 - c. Eat and drink normally after the anesthesia wears off.
 - d. Contact you if they have any problems, other than slight soreness, for the next few days.