

## Preparation and cementation table for all-ceramic restorations

	Lithium Disilicate	Layered Zirconia	Solid Zirconia
<b>Prep Design</b>	Smooth with rounded line angles; 1-1.5mm shoulder or chamfer at margins	Smooth with rounded line angles; 1-1.5mm shoulder or chamfer at margins	Smooth with rounded line angles; 1-1.5mm shoulder or chamfer at margins
<b>Occlusal Clearance</b>	1.5 - 2 mm	1.5 - 2 mm	1.5 - 2 mm
<b>Axial Reduction</b>	1.0 mm - 1.5 mm facial, lingual; 1.0 mm proximal	1.0 mm - 1.5 mm facial, lingual; 1.0 mm proximal	1.0 mm - 1.5 mm facial, lingual; 1.0 mm proximal
<b>Adjusting</b>	Be aware of specific manufacturers' instructions for polishing and cementation. Highly specific to type of restorative material used. Adjustments should be done in the laboratory with specific polishing agents recommended by the manufacturer. <i>Examples: OptraFine Polishers; OptraGloss</i>	Be aware of specific manufacturers' instructions for polishing and cementation. Highly specific to type of restorative material used. Adjustments should be done in the laboratory with specific polishing agents recommended by the manufacturer. <i>Examples: Zirconia polishing kit; zirconia polishers (Meisinger)</i>	Be aware of specific manufacturers' instructions for polishing and cementation. Highly specific to type of restorative material used. Adjustments should be done in the laboratory with specific polishing agents recommended by the manufacturer. <i>Examples: LUSTER for Zirconia-Extraoral adjusting and polishing kit (Meisinger)</i>
<b>Cementation</b>	Adhesive, resin-based cements. 9% hydrofluoric acid for 20 seconds provides better bonding strengths with resin cements than using 5% phosphoric acid.	Avoid zinc phosphate cement; adhesive resin-based cements have demonstrated superior clinical results. Crowns may be particle-abraded if luted with adhesive resin cement.	Avoid zinc phosphate cement; adhesive resin-based cements have demonstrated superior clinical results. Crowns may be particle-abraded if luted with adhesive resin cement.

\* Follow the manufacturers' instructions for use.

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