

# All-Ceramic Cementation Guide

Products	Materials	Indications	Cementation	Benefits
<b>Element-Z</b> (Milled Full-Contour Zirconia)	Yttrium Stabilized Zirconia All Vita Shades (1,465 MPa)	Anterior/Posterior Crowns, Bridges up to 2 pontic screw-retained crowns/bridges, cement retained implant crowns/bridges	Resin-Modified Glass Ionomer, Self Adhesive Resin	Strongest all ceramic crown on the market. Low Cost. Extreme fracture resistance.
<b>Ultra-Z Esthetic</b> (Milled Full-Contour Zirconia)	Yttrium Stabilized Zirconia (650 MPa)	Anterior/Posterior Crowns, Bridges up to 3 units with 1 pontic, Screw-Retained crowns, cement retained implant crowns/bridges	Resin-Modified Glass Ionomer, Self Adhesive Resin	Highly esthetic restorative material with translucency similar to natural teeth and e.max, but stronger.
<b>Element-Z Lingual</b> (Full Contour Zirconia with Labial Cutback)	Yttrium Stabilized Zirconia with e.max porcelain labial	Anterior/Posterior Crowns, Bridges up to 2 consecutive pontics	Resin-Modified Glass Ionomer, Self Adhesive Resin	Improved strength and fracture resistance with Zirconia Occlusal/Lingual. Maintain maximum esthetic with porcelain labial.
<b>Forte YZr Zirconia/ Lava™ Zirconia</b> (Porc. Fused to Zirconia Occlusal/Lingual)	Yttrium Stabilized Zirconia with full coverage e.max porcelain	Anterior/Posterior Crowns, Bridges with 1 pontic	Resin-Modified Glass Ionomer, Self Adhesive Resin	Enhanced esthetics of veneering porcelain, Ability to block out cast posts or dark preps. Longer span bridge capabilities in the esthetic zone
<b>IPS e.max™</b>	Lithium Disilicate Glass Ceramic (400 MPa)	Anterior & Posterior Crowns, Anterior 3 unit bridges, Screw-Retained Crowns, Crowns over Custom Abutments, Inlays & Onlays Veneers	Resin-Modified Glass Ionomer, Self Adhesive Bonding or Resin Bonding	Highly esthetic. 2x strength of Empress. Cementable. Affordable. Eliminates risk of porcelain fracturing from substructure.
<b>Lava™ Ultimate</b>	Resin Nano Ceramic 8 Vita Shades (200 MPa)	Inlays/Onlay, Veneers, Anterior/Posterior Crowns	Resin Bonding	Longer span bridge capabilities in the esthetic zone
<b>IPS Empress Esthetic™</b>	Leucite-Reinforced Glass Ceramic (160 MPa)	Inlays/Onlays, Anterior Crowns, Veneers	Resin Bonding	The most esthetic all ceramic material available. The most translucent option for anterior cases.
<b>CAD/CAM Oral Temp</b>	Polymethyl Methacrylate (160 MPa)	Temporary Crowns/Bridges	Temporary Cementation	Long-term temporary restorations. High biocompatibility. Add fiber reinforcement when needed.

\*RMGI-Resin Modified Glass Ionomer

## Recommended Cements:

Resin-Modified Glass Ionomer – Crowns/Bridges (not veneers)

- FugicEM 2, GC America
- RelyX Luting Plus, 3M ESPE
- Nexus RMGI, Kerr

Self-Adhesive Resin – Crowns/Bridges (not veneers)

- Panavia SA Cement, Kuraray
- RelyX Unicem 2, 3M ESPE
- Max Cem Elite, Kerr

Resin Bonding - Veneers

- Panavia V5 Cement, Kuraray
- Variolink Veneer, Ivoclar Vivadent
- RelyX Veneer, 3M ESPE
- Calibra Esthetic Resin, Dentsply Caulk

\*\*\* In general, lithium disilicate restorations are etched before they are placed. Before restorations are placed with adhesive or self-adhesive cementation materials, they should be conditioned with Silane. \*\*\*

Do **NOT** etch Zirconia Restorations. Sandblast and/or use a ceramic primer.



Komet Lithium Disilicate & Solid Zirconia Adjustment Kit

Available at Oral Arts Dental Laboratory

**FREE** Shipping both ways! **50**