



**3D Multilithic™  
Zirconia**

**Preparation:**  
Chamfer margin 1mm buccal, lingual and occlusal. No sharp angles or undercuts.

**Indications:**  
Anterior full contour crowns and bridges (upto 3 units) and posterior full contour crowns and bridges (upto 4 units)

**Benefits:**  
Solid restorations with variable translucency of 43-48% from cervical to incisal resulting in enhanced esthetics

**Cementation:**  
Resin-reinforced glass ionomer cement such as RelyXT™ Luting Cement (3M ESPE; St.Paul, Minn.) or GC Fuji Plus™ (GC America)  
For short or over-tapered preparations, use a resin cement such as RelyXT™ Unicem



**D-Zr Full Contour  
Zirconia**

**Preparation:**  
Chamfer margin 1mm buccal, lingual and occlusal. No sharp angles or undercuts.

**Indications:**  
Posterior crowns and bridges

**Benefits:**  
High strength upto 1200Mpa offering chip resistance, stained to achieved optimal esthetics

**Cementation:**  
Resin-reinforced glass ionomer cement such as RelyXT™ Luting Cement (3M ESPE; St.Paul, Minn.) or GC Fuji Plus™ (GC America)  
For short or over-tapered preparations, use a resin cement such as RelyXT™ Unicem



**D-Zr  
Layered Zirconia**

**Preparation:**  
Chamfer or shoulder margin 1mm buccal, lingual and 1.5mm occlusal. No sharp angles or undercuts.

**Indications:**  
Anterior & Posterior crowns and bridges, Maryland 3 Unit Bridges

**Benefits:**  
CAD CAM fabricated zirconia substructure for excellent strength, layered with porcelain for premium esthetics

**Cementation:**  
Resin-reinforced glass ionomer cement such as RelyXT™ Luting Cement (3M ESPE; St.Paul, Minn.) or GC Fuji Plus™ (GC America)  
For short or over-tapered preparations, use a resin cement such as RelyXT™ Unicem



**Bruxzir™**

**Preparation:**  
Chamfer or shoulder margins are preferred. Minimum occlusal reduction of 1 mm is ideal. No sharp angles or undercuts

**Indications:**  
Anterior & Posterior Crowns & bridges up to 16 units, Inlays and onlays

**Benefits:**  
Monolithic restorations with clinically proven exceptional durability, kind to opposing teeth

**Cementation:**  
RelyXT™ Unicem (3M ESPE) or Panavia™ F2.0 (Kuraray; New York, N.Y) ionomer cement such as RelyXT™ Luting Cement (3M ESPE; St. Paul, Minn.) or GC Fuji Plus™ (GC America Alap III). For short or over-tapered preparations, use a resin cement such as RelyXT™ Unicem



**IPS e.max**

**Preparation:**  
Shoulder or heavy chamfer margin. For veneers: 0.6mm labial and cervical reduction, 0.7mm incisal reduction, 1.5-2.0 mm occlusal reduction. For crowns : 1.5 mm axial reduction, 1.0 mm reduction at gingival. No sharp angles or undercuts.

**Indications:**  
Veneers, Occlusal veneers, Inlays, onlays, partial crowns, Anterior and posterior single crowns (1 mm), Three-unit bridges (up to the second premolar as the terminal abutment)

**Benefits:**  
Lithium disilicate-Highly translucent with brilliant esthetics, great bonding to enamel

**Cementation:**  
For veneers - adhesive cementation is recommended. Eg. Variolink, Esthetic, Multilink Automix. For crowns and bridges self adhesive or conventional cementation is recommended. Eg. Speedcem Plus, Vivaglass CEM



**QUICK REFERENCE GUIDE FOR ALL CERAMICS**

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