All-Ceramic Restorations - Conventionally Cemented

**IPS Empress® Esthetic Advanced Cosmetic (Cutback Technique)**

Individually characterized ceramic core (in all Vita® and Chromascop® shades) covered with layered incisal and transparent materials. Beautifully aesthetic restorations. Accurately reproduces light transmission and translucency found with natural teeth. High flexural strength values. Tensile strength of 360-400 MPa.

**IPS Empress® Esthetic Regular Esthetics (Stain & Glaze)**

Traditional all-ceramic preparation. Frameworks “hard sintered” for 12 hours leading to final flexural strength of 1300 MPa. New generation veneering ceramics either pressed (Zironia disk allows precision CAD/CAM milling of more extensive substructures than possible with competing methods. Frameworks “hard sintered” for 12 hours leading to final flexural strength of 1300 MPa. New generation veneering ceramics either pressed or layered over substructures for greater fracture resistance and truly superior final vitality and esthetics.

**IPS e.max® CAD**

Unites latest in CAD/CAM technologies with high performance, monolithic lithium disilicate glass ceramic. Incredibly precise, durable, and esthetic solution for single anterior and posterior all-ceramic crowns. Flexural strength of 360-400 MPa. Traditional all-ceramic preparation.

Recommended Shade Guides: Ivoclar Chromascop®, Vita Lumin, Vitapan 3D-Master.

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**All-Ceramic Restorations - Conventionally Cemented (cont.)**

### Opaque® Spectrum

**Opaque® Basic - Recommended for Molars**
Category-best esthetics in full contour all-zirconia crowns. Precision milled for perfect fit and easy seating. Offers full spectrum of shades, and amazing translucency. Basic anatomy and characterization. Traditional, conservative cast gold preparation, ideal for brusers and grinders.

**Opaque® Plus - Recommended for Bi-Cuspids**
Porcelain facing fused to zirconia. Offering basic anatomy and characterization along with internal and external straining. The next step up for the more esthetically conscious patient.

**Opaque® Ultimate - Recommended for Anteriors**
The perfect all-zirconia-based anterior solution. Precision CAD/CAM milled yttria-stabilized zirconium oxide. New generation veneering ceramics layered over substructure for superb esthetics. Advanced anatomy and characterization along with internal and external straining as prescribed.

Recommended Shade Guides: For basic shades, use the Vita Lumin, Vita 3D Master or Chromascop Shade Guides. For bleached shades, use the Chromascop Reached Shade Guide, Vita 3D Master Reached Shade Guide or Chromascop Shade Guide.

**Conventional Cementation:** Use any conventional PFM cement (Glass Ionomer, resin ionomer, adhesive resin cement, Zinc Phosphate, etc.) or can be bonded with Multilink or Panavia F (follow manufacturer’s directions).

### NaturalTemps® Milled Provisionals

Most esthetic provisionals available today. Can also serve as a high-quality Diagnostic Tool and Treatment Guide. CAD/CAM milled for virtually perfect fit and easy seating. Can be crafted directly from your digital impression files — or normal impressions and models. Outstanding several strength (95 MPa) for long-lasting durability – temp or even full mouth recontstruction and implant cases with perfect confidence.

Patient can perform daily functions without interruption, even over extended periods. Model requires less tooth preparation and superior marginal integrity. Cast coping stronger than any gold foil. Collarless design, no metal display with porcelain butt margin. Normal tooth preparation (diesn’t) require deep chamfer margins. Used on conventional cement.

Recommended Shade Guides: Ivoclar Chromascop®, Vitapan 3D-Master, Vita Lumin.

**Conventional Cementation:** Use any conventional PFM cement (Glass Ionomer, resin ionomer, adhesive resin cement, Zinc Phosphate, etc.) or can be bonded with Multilink or Panavia F (follow manufacturer’s directions).

### Premise™ Indirect

The ideal nanohybrid material for creating restorations that age, feel, wear, function and look like a natural tooth. Opalescent appearance that virtually replicates natural enamel like no other restorative material. Trimming curing light, heat and pressure) achieves over 98% material conversion, as compared to 60 – 70% gained with light–cure only materials. Twelve years of positive clinical studies and field data and tens of thousands of successful restorations placed since 1996.

Recommended Shade Guide: Vita Lumin, Vitapan 3D-Master.

**Bonding:** Must be bonded using dual–cured resin cement with companion enamel/dentin bonding agent.

### Pressable Ceramics Over Metal - Conventionally Cemented

**Princess®**
Supplies 360° low-fusing all ceramic margins on high noble substructure. Full 1 – 2 mm of beautiful thermo-pressed ceramic past the finished metal coping for optimal esthetics. Fits more precisely and stronger than hand-layered alternatives. Can be utilized for posterior inlay bridges.


**Conventional Cementation:** Use any conventional PFM cement (Glass Ionomer, resin ionomer, adhesive resin cement, Zinc Phosphate, etc.) or can be bonded with Multilink or Panavia F (follow manufacturer’s directions).

Up to 6 unit anterior or posterior bridges.

### Posterior Preparation

- **Anterior Inlay Bridge**
- **Posterior Inlay Bridge**
- **Anterior PFM Crown**
- **Posterior PFM Crown**

### New Age Composites - Adhesively Bonded

**AurumTek® Custom Abutments**
Combines the natural beauty of shaded zirconia oxide coping ensures high biaxial strength, optimal fit, non-porosity and remarkable esthetic qualities. Translucent coping is combined with a porcelain formulated to make the most of the copings inherent esthetic potential.

Recommended Shade Guides: For basic shades, use the Vita Lumin, Vita 3D Master or Chromascop Shade Guides. For bleached shades, use the Chromascop Reached Shade Guide, Vita 3D Master Reached Shade Guide or Chromascop Shade Guide.

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Patient can perform daily functions without interruption, even over extended periods.

Recommended Shade Guide: For basic shades, use the Vita Lumin or Vita 3D Master Shade Guides.

**Standard temporary cementation:** (Follow manufacturer’s directions).