

All-Ceramic



PRODUCTS



CEPRESS SL™



inVizion™



IPS e.max®

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|----------------------------------|--|---|---|
| Ideal Application | When aesthetics is the primary objective | When the aesthetics of all-ceramic and the strength of metal is the primary objective | When aesthetics is the primary objective in a difficult combination case |
| Primary Application | Veneers, crowns, inlays, and onlays | Anterior and Posterior crowns and bridges | Anterior and Posterior crowns and 3-unit bridge |
| Preparation Requirement | Shoulder margin design 1.0mm min at the margin. 1.5-2.0mm reduction at incisal, facial margin. | Any margin design 1.0mm min at the margin. 1.5-2.0mm reduction at incisal, facial margin. | Any margin design 1.0mm min at the margin. 1.5-2.0mm reduction at incisal, facial margin. |
| Cementation Guidelines | Adhesive bonding with dual cure bonding agent | Standard cementation with any cement | Standard cementation with any cement |
| Flexural Strength | 125 MPa | >1100 MPa | 900 MPa |
| Enamel Wear | Low wear properties | Comparable to natural enamel | Comparable to natural enamel |
| Restoration Composition | Leucite reinforced glass with crystalline particles | Yttrium stabilized Zirconium oxide | Zirconia or high-strength glass ceramic structure |
| Years of Clinical Success | 6 Years | 6+ Years | New |

Cerpress SL™ is a registered trademark of Dillon Company, Inc. IPS e.max® is a registered trade mark of Ivoclar Vivadent, Inc. inVizion™, VITA 3D-Master® & VITAVM®9 is a registered trade mark of Vident Corporation



All-Ceramic

Cerpress SL™ Pressable

The Cerpress SL™ Pressable Ceramic System is one of the most established systems, having been on the market for over 7 years. Together with Sensation SL™ Low Fusing Porcelain, is the most versatile system available. The system offers nearly 50 different shades in 3 levels of opacity, in both staining and shading ingots. Both are leucite-reinforced glass ceramics with a very small particle size of 2 to 4 microns.

The All-Ceramic Team at Artistic Smile Dental Studio is trained by the most sought-after technicians and educators in the dental field. Combining their training with two decades of experience, they can confidently meet your personal expectations and your patients' satisfaction.

inVizion™

inVizion™ yttrium zirconium oxide is an oxide ceramic material with numerous fascinating properties -- from its translucency and bright color to its excellent biocompatibility. The compressive stress within the structure avoids uninhibited crack growth and failure of the ceramic -- a behavior which creates a stress and elongation progress which is otherwise only known from steel. This property ensures the high durability of zirconium oxide under a permanent load.

inVizion™ restorations feature superior shade selection in 29 primary VITA 3D-Master® shades with VITA VM® 9 porcelain and 6 shaded substructures for incredible natural aesthetics. The beauty of inVizion™ makes it possible to have multiple-pontic bridges with the aesthetics of all-ceramic restorations and the strength of metal.

IPS e.max®

Certified by Ivoclar North America on the IPS e.max®, Artistic Smile Dental Studio technicians are ready to handle your most demanding All-Ceramic anterior, posterior, or multi-unit bridges that require high strength. IPS e.max® is the ideal choice.

The Zirconium Oxide material can be processed efficiently in a CEREC inLab® CAD/CAM system to deliver a flexural strength of over 1100 MPa. The IPS e.max® ZirCAD frameworks are veneered with IPS e.max Ceram. This specially developed ZirLiner provides an optimum bond. The result is highly aesthetic, high-strength All-Ceramic restoration.

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