

Media Release

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The ideal solution for all CAD/CAM needs

Ivoclar Vivadent has complemented the range of indications of IPS e.max CAD, the innovative lithium disilicate glass-ceramic for CAD/CAM applications. The following three solutions are available for the digital workflow: Monolithic Solutions, Abutment Solutions and Veneering Solutions. IPS e.max CAD now covers all indications ranging from thin veneers and hybrid abutments to three- and multi-unit bridges.

The lithium disilicate glass-ceramic IPS e.max CAD offers an exhaustive range of indications for digitally fabricated restorations. Until recently, Monolithic Solutions has only been suitable for the fabrication of thin veneers, veneers, inlays, onlays, partial crowns and crowns. Effective immediately, however, monolithic three-unit bridges can also be fabricated. Abutment Solutions is a completely new segment presented for the first time. With this solution, hybrid abutments and hybrid abutment crowns are individually fabricated from lithium disilicate blocks and bonded with a titanium base. The new self-curing Multilink Hybrid Abutment composite is particularly suitable for luting milled lithium disilicate glass-ceramic components on a titanium base. Veneering Solutions (CAD/CAM-fabricated veneering structures for zirconium oxide frameworks) is now also suited for wide-span bridges in addition to crowns and short-span bridges. The new IPS e.max ZirCAD Colour Blocks in the shades MO3 and MO4 complement the shade range for esthetic crown and bridge frameworks. These frameworks form the ideal shade foundation for the digital fabrication of veneers with IPS e.max CAD.

One material with many benefits

IPS e.max CAD has proven successful in many long-term clinical studies. The innovative lithium disilicate glass-ceramic clearly demonstrates a higher strength (360 MPa) compared to other glass- and hybrid ceramics. Different degrees of translucency, Impulse shades and block sizes allow technicians to use the ceramic for a versatile range of applications and to obtain highly esthetic results. The Multilink Automix system, which provides an excellent bond not only in the dual-cure but also in the self-cure mode, is particularly suitable for the cementation of IPS e.max CAD. IPS e.max CAD blocks can be milled in-house or through one of the Authorized Milling Partners from Ivoclar Vivadent's global CAD/CAM partnership network.

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Caption:

(IPS e.max CAD.jpg)

Fig. 1: IPS e.max CAD: The digital all-around solution for the fabrication of CAD/CAM restorations

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