

Press Release

Schaan, Liechtenstein – 14 November 2017

Zirconium oxide: Popular material now available for chairside use

LT blocks of the IPS e.max ZirCAD for Cerec range are now available in four additional shades.

Ivoclar Vivadent introduced the IPS e.max ZirCAD LT blocks at IDS 2017. These blocks have enabled dental practices to manufacture esthetic monolithic zirconium oxide restorations effectively at chairside. Additional shades are introduced now, offering users even more flexibility.

Monolithic zirconium oxide is a popular restorative material. With the IPS e.max ZirCAD LT blocks, Ivoclar Vivadent offers pre-shaded monochromatic zirconium oxide blocks for chairside restorations in a single visit. Four additional shades have now been added to the range. As a result, IPS e.max ZirCAD for CEREC/inLab is now available in the LT shades BL, A1-3, B1-2 and C2 and D2, and in the block sizes C17 (crown) and B45 (three-unit bridge).

Efficient and esthetic restorations

With IPS e.max ZirCAD for CEREC, dentists can fabricate esthetic zirconium oxide restorations in an efficient way. The material's high flexural strength of 1,200 MPa^(a) and high fracture toughness of 5.1 MPa m^{1/2(b)} allow the wall thicknesses to be reduced to 0.6mm for posterior crowns and 0.4mm for anterior crowns. This results in an increase in translucency, which enhances the esthetic appearance of the restoration. Fluorescent effects can be achieved with IPS e.max CAD Crystall./Glaze Fluo. The restorations can be conventionally cemented or incorporated using the self-adhesive resin cement SpeedCEM Plus. Both the Programat CS4 or the CEREC SpeedFire furnace (Dentsply Sirona, software release 4.5) can be used for sintering.

Everything for restorations in a single visit

The Ivoclar Vivadent treatment concept allows dentists to meet their patients' need in a single session. Apart from the blocks and luting materials, the assortment comprises coordinated products for the entire treatment process ranging from isolation with OptraGate and cementation to aftercare.

^a Typical mean flexural strength, R&D Ivoclar Vivadent AG, Schaan/Liechtenstein

^b R&D Ivoclar Vivadent AG, Schaan/Liechtenstein

IPS e.max®, *SpeedCEM®*, *Programat®* and *OptraGate®* are registered trademarks of Ivoclar Vivadent AG.

Caption:

(IPS e.max ZirCAD chairside.jpg)

Fig.: IPS e.max ZirCAD: Popular material now available for chairside use

For additional information:

Ivoclar Vivadent AG
Bendererstrasse 2
9494 Schaan/Liechtenstein
Tel.: +423 235 35 35
Fax: +423 235 33 60
E-mail: info@ivoclarvivadent.com
www.ivoclarvivadent.com

Media Contact:

André Büssers
Public Relations Manager
Ivoclar Vivadent AG
Bendererstrasse 2
9494 Schaan/Liechtenstein
Tel.: +423 235 36 98
Fax: +423 235 36 33
E-mail: andre.buessers@ivoclarvivadent.com