CLINICAL EVALUATION

IPS e.max® ZirCAD Prime

Ivoclar ivoclar.com

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10 CLINICAL EVALUATORS

211 TOTAL USES

96% CLINICAL RATING

Category: Indirect Restorative | Zirconia Block

Description

IPS e.max ZirCAD Prime is a multilayer CAD/CAM zirconia restorative system for monolithic and anatomically reduced crowns and multi-unit bridges. It features a natural shade and translucency progression from dentin to a translucent incisal zone and delivers high strength (1,100 MPa) and fracture toughness (4.5 K_{IC}), enabling conservative restorations with wall thicknesses as low as 0.8 mm. ***ZirCAD Prime*** supports speed sintering in as little as 15 minutes in the ***Programat CS6*** or 16 minutes* in the ***CEREC SpeedFire***, allowing efficient same-day workflows, and offers cementation flexibility using conventional, self-adhesive, or adhesive protocols.

**A new 11-minute superspeed sintering is now available in CEREC SpeedFire, SW V. 5.3.3*

Indications

- Single-unit crowns (anterior and posterior)
- Monolithic restorations
- Anatomically reduced restorations for veneering, staining, or glazing

Unique Attributes

- Speed sintering in both the ***Programat CS6*** and ***Cerec Speedfire***
- Progressive shade and translucency from 3Y to 5Y for improved esthetics
- 11 shades, including 3 levels of bleach shades

Before

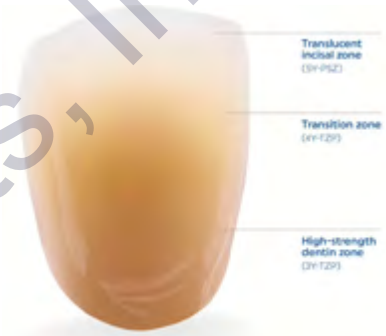


After



Photos courtesy of Dr. Matthew Miller





Clinical Tips from Evaluators

- Place the sprue on the thicker part of the crown to avoid fracture in the mill.
- The polish in the unsintered state makes a huge difference in the outcome of the final restoration.
- The shade will vary depending on the prep so choose a little darker for thick walls and a little lighter for thinner walls.
- Follow the polishing instructions.

"THE SHADE IS GREAT; IT IS VERY CLOSE TO E.MAX."

Evaluators' Comments

"Esthetics have been improved quite a bit."

"It is a great block and one to have in your armamentarium."

"The polishing protocol prior to firing has yielded beautiful results."

"Overall I was very happy with the blocks. I got some great results."

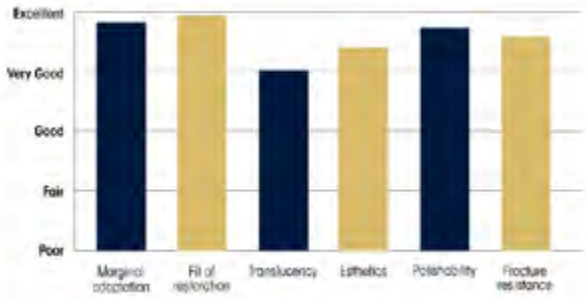
"Shades tend to be a bit lighter than selected after manufacturing and polishing."

Consultants who would want to stock in office:

50% Yes, instead of current product

50% Yes, in addition to current product

Evaluation Summary:



Compared to Competitive Products:



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