



4 CLINICAL EVALUATORS

51 TOTAL USES

93% CLINICAL RATING

Key features: High strength • Super-Fast Milling • Multi-transitional layering

Description

CEREC MTL Zirconia Blocks are partially sintered zirconia blocks that are then milled and fully sintered to give flexural strengths over 850 MPa. They are available in 11 shades in both mono and medi blocks.

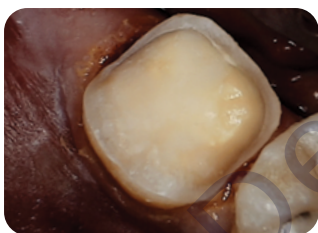
Indications

- Full anterior and posterior crowns
- Fully anatomical anterior or posterior bridges
- Inlays
- Onlays
- Veneers

Unique Attributes

- Ability to prep to 0.6 mm as opposed to the traditional 1.0-1.5 mm, up to 40% lower reduction of the tooth.
- Specific firing for different shades.
- Faster milling time if using the Super-Fast Milling setting – around 5 minutes.
- Multi-transitional layering of the material assists in a greater esthetic outcome.

Tooth #31 Before



Tooth #31 After



Courtesy of Dr. David Yang



Clinical Tips

- Make sure to have enough occlusal reduction if you want to carve in more occlusal table anatomy. Post-milling finishing is required.
- Posterior crowns are the proper location unless function is more of a concern than esthetics.
- Polishing technique: use a light touch. Be certain to polish over areas that are adjusted to reduce the abrasive nature of the material.

"GREAT PRODUCT!
I PLAN TO START
USING MORE."

Evaluators' Comments

"The increase in inherent strength of the material is very appealing. This material can be prepped down to 0.6 mm which is appealing. Shade comparison is very close to the VITA guide and looks quite nice next to opaque teeth and older PFM crowns."

"Very strong and durable material. In posterior locations where esthetics are less important, this block worked beautifully."

"Takes longer to fire. Also, you have to remember to designate the shade in the CEREC software."

"I love the 0.6 mm of reduction, the margins are absolutely amazing, and the mill time is great too."

Consultants who would:

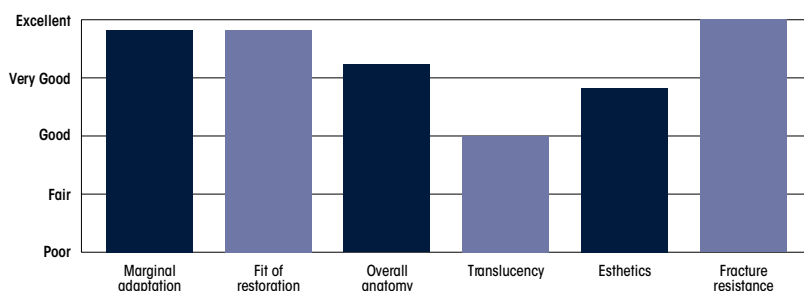
100%

Recommend
This Product to
a Colleague

75%

Stock This
Product in
Their Office

Evaluation Summary:



NOTE: Background information from the evaluation on this page is provided for internal use only and will not appear in the final report.

CEREC MTL™ ZIRCONIA BLOCKS (Dentsply Sirona)

In what clinical situations did you use CEREC MTL Zirconia Blocks ?	
Answer Choices	Responses
Crowns	100%
Veneers	0%
Inlays/Onlays	0%
Implant Crowns	25%
Partial Crowns	25%

What brands of Zirconia Blocks do you normally use?

- Katana (3 respondents)
- Katana One

What did you like best about **CEREC MTL Zirconia Blocks**?

- The increase in inherent strength of the material is very appealing. This material can be prepped down to 0.6mm is appealing, although I strive for 1mm. Shade comparison is very close to the VITA guide and looks quite nice next to opaque teeth and older PFM crowns.
- Very strong and durable material. In posterior locations where esthetics are not as indicated, this block worked beautifully.
- I love the .6mm of reduction, the margins are absolutely amazing, and the mill time is great too.
- Different modes of milling.

What did you like least about **CEREC MTL Zirconia Blocks**?

- Takes longer to mill (+3 min to Katana) and fire (+4 min). Also have to remember to designate the shade in the CEREC software. Katanas do not need this. Also, MTL does not have quite the translucency gradient like Katana.
- The esthetics and translucency. They simply didn't appear very natural in my eyes.
- The limited shade values. I had to use e.max on a lot of cases because I needed C4, A4, etc.
- Can't see through it on an x-ray.

Do you have any clinical tips for using **CEREC MTL Zirconia Blocks**?

- Make sure to have enough occlusal reduction if you want to carve in more occlusal table anatomy. Post milling finishing is required for both MTL and Katana.
- Posterior crowns are the proper location unless function is more of a concern than esthetics.
- Polishing technique: use a light touch.

Did you experience any problems during the evaluation?	
Answer Choices	Responses
Yes	0%
No	100%

Do you have any suggestions for improving **CEREC MTL Zirconia Blocks**?

- Multi-translucency block. Up the marketing. They have an opportunity to be vertically oriented. They sell the scanner, milling machines and blocks. Leverage that! Make it EASY. They give up sales to Katana. CEREC MTL is not a cool enough name. Call it dazzle crown.
- A shade guide based on thickness of the material, a screw retained implant block, and a faster sintering time if possible.
- Keep adding more shades if possible.

Would you recommend CEREC MTL Zirconia Blocks to a colleague?	
Answer Choices	Responses
Would recommend to a colleague	100%
Would not recommend to a colleague	0%

Are CEREC MTL Zirconia Blocks a product you would incorporate in your office?	
Answer Choices	Responses
Yes, instead of current blocks	25%
Yes, in addition to current blocks	50%
No	25%

Are CEREC MTL Zirconia Blocks a product you would incorporate in your office?	
Answer Choices	Responses
Better	25%
About the Same	50%
Not as good	25%

Comments:

- Workflow is about the same
- Not as translucent and the esthetics were a bit lower but that is expected with a stronger material.

Final Comments on **CEREC MTL Zirconia Blocks**:

- We use this crown, although not as much as Katana. It's going to be hard to compete with the newly released Katana One speed block; a strong block and a 9 min. firing time.
- Great product! I plan on starting to use more.