



ESTHETICS

PERFORMANCE

SIMPLICITY

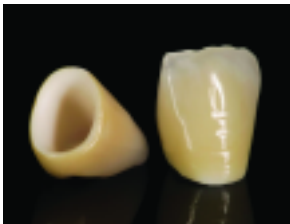
cercon[®]
zirconia

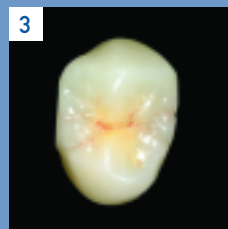
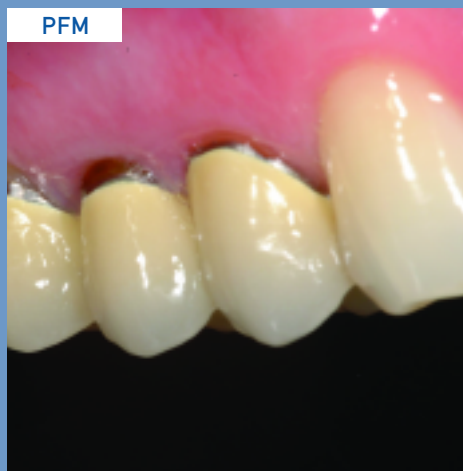
Choose Cercon for its

ESTHETICS

Cercon Zirconia's excellent metal-free esthetics begin with the Cercon Zirconia framework. This material provides a translucency that exceeds PFM (metal based) restorations and creates a vitality similar to natural teeth. Cercon is available in neutral white or shaded zirconia which enables the dental laboratory to select the best option to match the prescribed restoration shade.

To complement the zirconia frame and complete the all-ceramic restoration, we have developed two highly esthetic veneering porcelains - Ceramco® PFZ and Cercon® Ceram KISS. Both of these porcelains provide unsurpassed esthetics, a proven bond to zirconia and the fluorescence of natural dentition that you and your patients will come to demand. When esthetics are a priority, prescribe Cercon all-ceramic restorations.





NATURAL BEAUTY AND VITALITY

Since Cercon all-ceramic restorations require no metal framework, this offers a great esthetic advantage to your patients. The esthetics start with the Cercon Zirconia framework. Due to its stability and strength, it can be milled very thin, allowing for translucency through its core which provides the basis for a very natural looking restoration. The Cercon framework is then modeled using one of the Ceramco's Zirconia veneering porcelains to blend with the adjacent teeth in the mouth in both shape and color. Cercon benefits from the over 40 years of Ceramco expertise and excellence in porcelain design which translates to natural beauty and vitality.

THE BEAUTY OF ALL CERAMICS

Cercon Zirconia translucency

All 16 Vita Lumin shades

illumine® bleached shades

Leucite-free Porcelains

Natural fluorescence

Wide range of uses

Choose Cercon Zirconia for its

PERFORMANCE

With the introduction of Cercon transformation-toughened zirconia, in clinical use since 1998, dentistry has a proven esthetic metal-free option. Zirconia (zirconium oxide, ZrO_2) is a highly stable oxide ceramic used in industrial and medical applications for its strength and outstanding biocompatibility. Cercon Zirconia restorations can be prescribed for a wide range of indications, including posterior long-span and inlay bridges, while offering performance results comparable to the clinical standard of porcelain-fused-to-metal.

PROVEN RESULTS

Longest clinical history of dental zirconias

Successful in more than 10 clinical trials since 1998

Proven in anterior and posterior applications

Over 1,300 MPa flexural strength

CAD/CAM precision marginal fit

More than 2 million dental units placed

Over 1,200 Cercon systems worldwide





Zirconia delivers strength and toughness beyond any other all-ceramics on the market, providing you with a durable solution regardless of the type of restoration. Ceramco porcelains build on that strength, having been specifically developed to bond to zirconia and have proven their performance by surpassing the current standards set for all-ceramics. Cercon restorations are produced with the latest CAD/CAM technology which ensures consistency and precision of fit. With over two million dental units placed, Cercon Zirconia is fast becoming the crown and bridge material of choice.

LASTING PERFORMANCE

Transformation toughening which resists cracking

Low wear characteristics

Excellent porcelain bond strength

Tissue-friendly biocompatibility

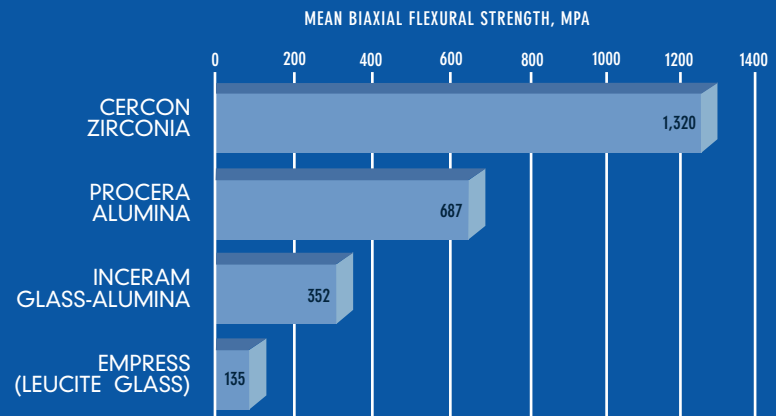
Low plaque adherence

Continually expanding uses and indications

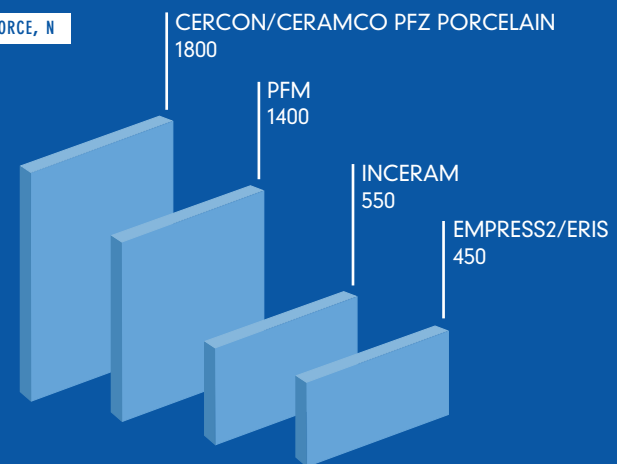
7 year guarantee against framework breakage*

* Guarantee against framework breakage only available from Dentsply Ceramco or Dentsply Canada Certified Cercon Laboratories. See www.allceramiccrowns.com for USA details.

DENTAL CERAMIC STRENGTH



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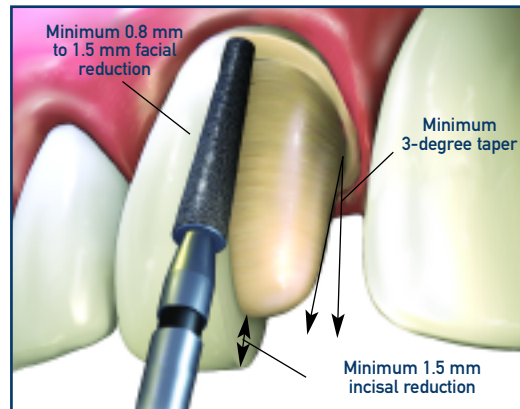
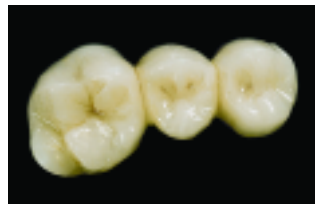


Cercon 3-unit bridges perform as well as PFM after 5-year simulated service.

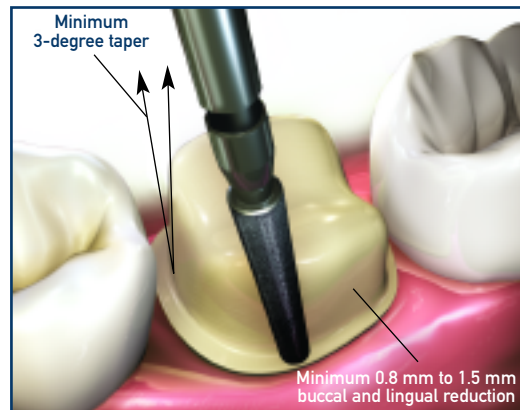
Choose Cercon for its

SIMPLICITY

Cercon Zirconia's popularity is due in part to its simple, familiar, clinical protocol requiring minimal conservative tooth reductions. Whether you are placing single-unit crowns, bridges up to 47mm, or inlay bridges, the procedure is designed for ease of use. The user friendly Cercon system extends to the dental laboratory where our efficient CAD program simplifies restoration design and maintains a predictable CAD/CAM fit. Our translucent ZrO₂ ceramic base material allows the lab to more easily achieve excellent esthetics and provide you with a consistent quality product.



Preparation for an anterior crown is performed with a coarse diamond bur; facial reduction of 0.8 mm to 1.5 mm must be achieved.



Preparation of the posterior all-ceramic crown requires at least 0.8 mm to 1.5 mm of reduction on the buccal and lingual aspects.

USER FRIENDLY IN PRACTICE

Cementable or bondable restorations

Preps like a PFM, Performs like a PFM

Simple, conservative tooth preparation
- 1mm axial, > 1.5mm incisal reduction
- Shoulder / Chamfer preparation

Pressable veneering option for translucent margins

Choice of neutral or shaded core for easy customization

Educate patients quickly using Cercon Coach multimedia presentation



EMPOWER YOUR PRACTICE WITH

CERCON COACH™

Traditionally, educating patients on the many types of restoration treatment plans can be a time-consuming proposition. Now, you can easily engage your patients in their restoration options with the Cercon Coach interactive patient communication tool powered by MedVisor Dental™³. This easy-to-use chairside tool allows you to quickly demonstrate with dynamic 3D animations, various dental procedures and their benefits. Build trust, loyalty and treatment plan acceptance through the Cercon Coach.

CERCON COACH

Enhance Your Doctor-Patient relationship

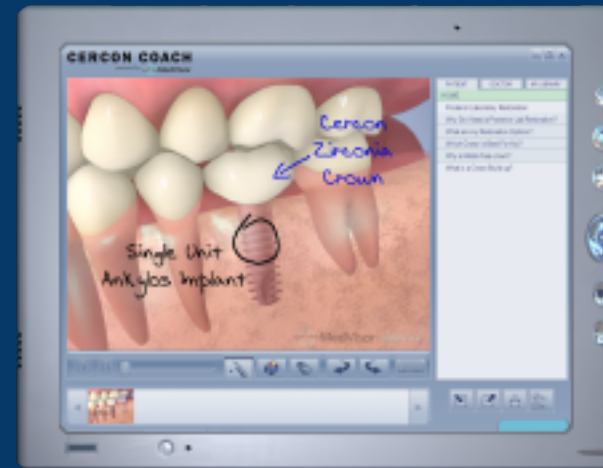
Streamline the prescription process

Eliminate communication errors

Save time and increase profitability

Maximize the use of your dental staff

Empower your Office Team



For better dentistry

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PROSTHETICS

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1. Erdelt et al., Quintessenz Zahntech, 30 (9), p942, 2004; Wagner et al., Prosth Dent, 76, p140, 1996
2. Groger, G, et al., Ceramic Veenering of Au alloy and CAM Zirconia Ceramic, IADR Abstract 1454, 2003
3. MedVisor Dental™ is a trademark of Reality Engineering.

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