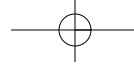


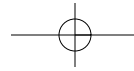
ESTHETICS

PERFORMANCE

SIMPLICITY

**cercon**<sup>®</sup>  
zirconia



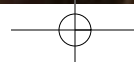
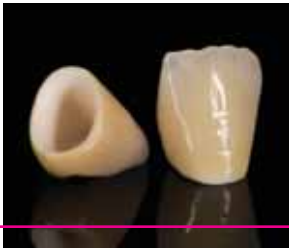


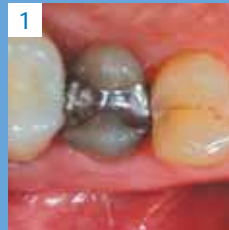
Choose Cercon for its

## ESTHETICS

Cercon Zirconia's excellent metal-free esthetics begin with the Cercon Zirconia framework. Two shades are available, a neutral white and a natural tooth colored shade. This, along with our core staining process, enables the dental laboratory to produce an exact match to any 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 COLOR AND SHAPE

Since Cercon all-ceramic requires no metal framework, this offers a great advantage for your restoration's esthetics. The white milled substructure is modeled using one of the Cercon veneering porcelains to blend with the existing adjacent teeth in the mouth in both shape and color, giving the restoration its very natural appearance. With the additional advantage of having maximum stability thanks to its strength in thin sections, Cercon restorations can be well integrated to follow the natural contours of the mouth.

### THE BEAUTY OF ALL CERAMICS

Cercon Zirconia translucency

All 16 Vita Lumin shades

illumine® bleached shades

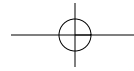
Leucite-free Porcelains

Natural fluorescence

Wide range of uses

Dentistry and photography courtesy of Dr. David Little, San Antonio, TX.





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

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Successful in more than 10 clinical trials since 1998

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Proven in anterior and posterior applications

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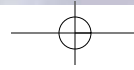
Clinically proven durability

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More than 2 million dental units placed

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Over 1,000 Cercon systems worldwide



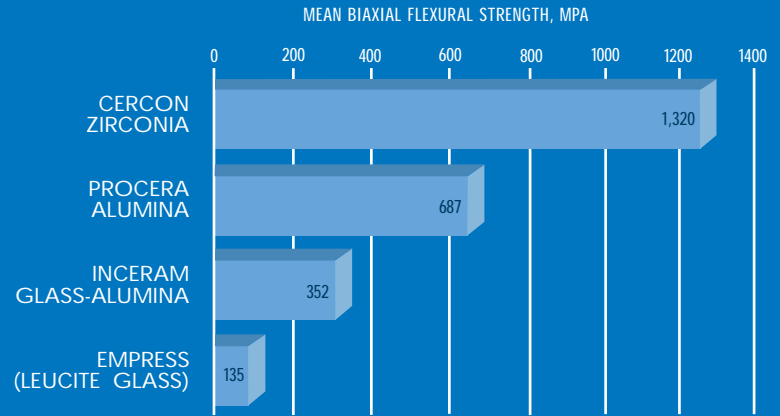


Zirconia delivers strength and toughness beyond any other all-ceramics on the market, providing you with a durable solution regardless of the type of restoration. Ceramco porcelains build on that strength, having been specifically developed to bond to zirconia and have proved their performance by surpassing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

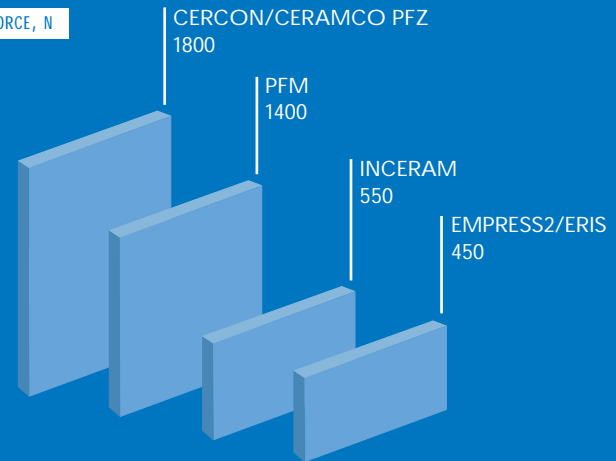
**LASTING PERFORMANCE**

- Transformation toughness which resists cracking
- Outstanding marginal fit
- Low-wear characteristics
- Tissue-friendly biocompatibility
- Low plaque adherence
- Precision fit within 50 microns
- Continually expanding uses, indications

**DENTAL CERAMIC STRENGTH**

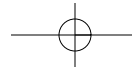


**FRACTURE FORCE, N**



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

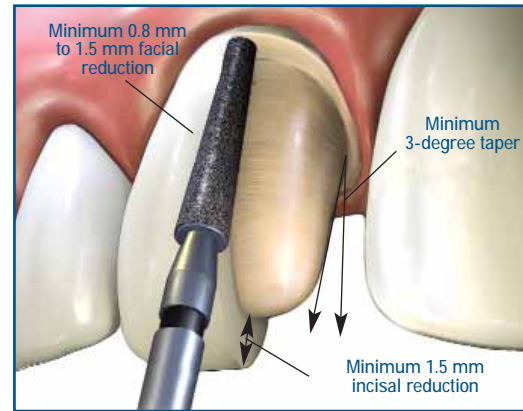
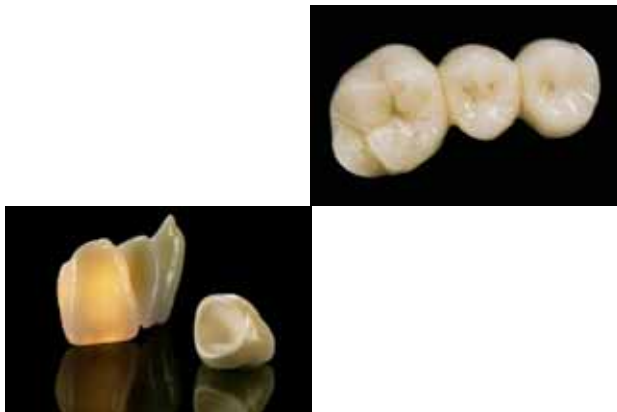
PERFORMANCE



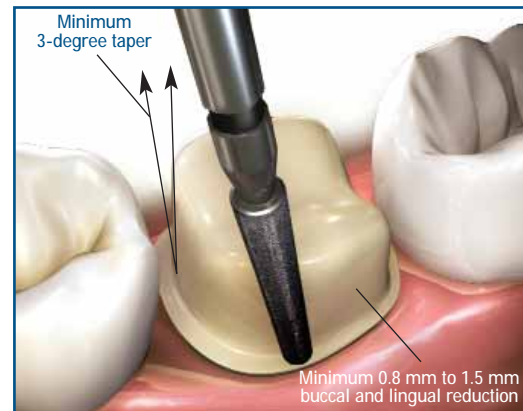
Choose Cercon for its

# SIMPLICITY

Cercon Zirconia's popularity is due in part to its simple, familiar, clinical protocol requiring minimal conservative tooth reductions. Whether you are placing simple 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

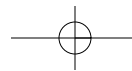
Simple, conservative tooth preparation

- 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



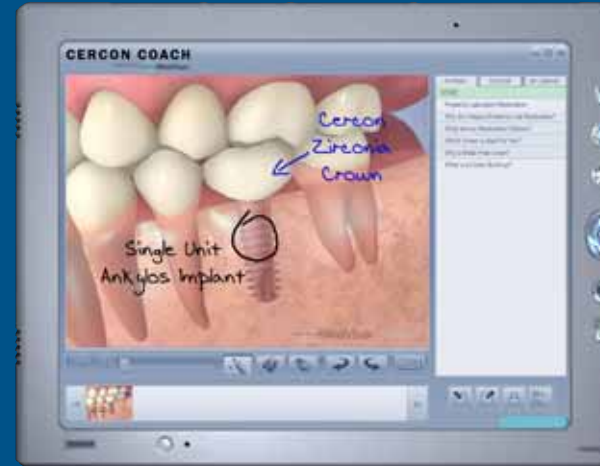
EMPOWER YOUR PRACTICE WITH

# 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™<sup>3</sup>. 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





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PC 090751 Rev. 11/07

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

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*The chemistry of a great smile.™*

R<sup>only</sup>

