

Go Full.  
Go Fast.  
Go Cercon® ht.

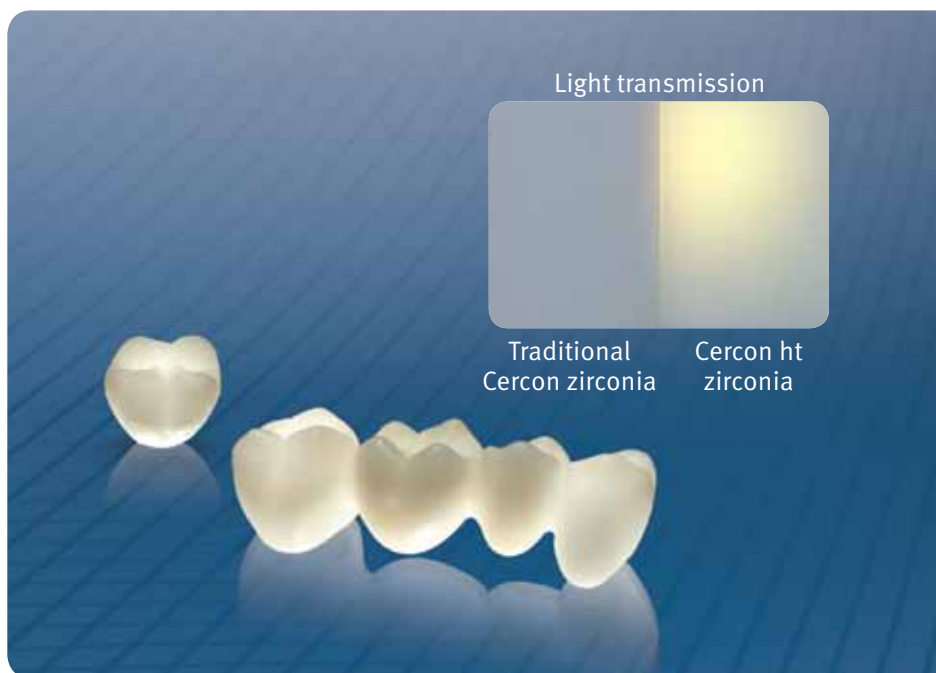


**DENTSPLY**

**cercon®ht**  
Full Contour Zirconia

# Cercon® ht Full Contour Zirconia

Cercon ht zirconia is the next generation of Cercon technology brought to you by DENTSPLY Prosthetics, your trusted product and service solutions provider. Developed from the clinically proven formula for Cercon base yttria-stabilized zirconia material, Cercon ht provides outstanding strength and esthetics ideal for full contour posterior restorations. Available through Compatis® centralized manufacturing services or in 47mm blanks for Cercon brain owners or 15, 20, 25, and 30mm disks for Cercon brain expert owners.



## Cercon® ht Full Contour Zirconia Features†

Monolithic crowns and bridges

No porcelain build-up required – simply stain, glaze and return to customer

Up to 26% more translucent than conventional Cercon base zirconia

Cercon ht strength allows for very thin crowns and bridges

Less abrasive compared to PFM and e.max®\*

Cercon ht Zirconia Stain & Glaze Kit available for full contour restorations

Fabricate single-unit to long-span bridges

Utilizes CAD/CAM technology

Accelerated life testing shows the stability of Cercon ht is equal to conventional Cercon base zirconia over time

Veneering characteristics equivalent to frameworks for metal-ceramic restorations, the “Gold standard”

10-years proven clinical safety

## Lab Benefit

Same remarkable flexural strength as conventional Cercon base zirconia but with improved esthetics

Saves time and money

Easy to achieve esthetic full-contour restorations without veneering

More of the patient’s natural tooth is preserved

Better wear characteristics

Achieve 16 custom shades keyed to Vita®\*\* Classical Shade Guide

Flexibility to meet most dentist’s prescriptions

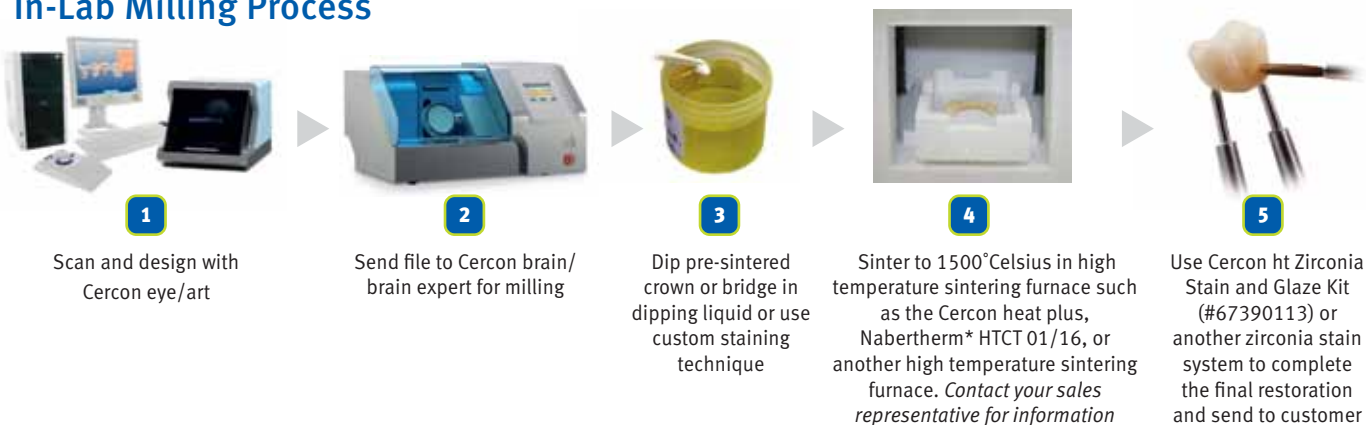
Precision milled at Compatis® centralized manufacturing or in-lab with the Cercon brain/brain expert to produce consistent fits

Long-term stability

Excellent veneering characteristics

Comprehensive and validated for proof of clinical viability

## In-Lab Milling Process



Minimum occlusal wall thickness:  
0.5 mm, including a 0.1 mm  
reserve for occlusal adjustment

Conservative circular  
preparation, minimum  
wall thickness 0.4 mm

Marginal region, minimum wall  
thickness 0.2 mm

## Compartis® Features

72-hour turn-around

Website

Open architecture

Backed by DENTSPLY

Technical Support

## Lab Benefit

Consistent service and delivery for confidence in case management

Conveniently upload Cercon art or any .stl file to [prosthetics.dentsply.com](http://prosthetics.dentsply.com) – login or register on the Smart Sourcing™ Services homepage

Send files from any system that produces an .stl file (or Cercon art file)

Confidence in on-time delivery and exceptional quality from a trusted company

Training classes, in-lab and troubleshooting assistance available by calling 1.800.243.1942 x54211

## Compartis® Process



1

Scan and design with Cercon art or .stl from open architecture scanner, such as 3Shape



2

Send file to Compartis via website: [prosthetics.dentsply.com/smartsourcing-services](http://prosthetics.dentsply.com/smartsourcing-services)



3

Industrial CNC milling machine mills full contour crown or bridge from Cercon ht zirconia material



4

Pre-sintered crown or bridge is dipped to achieve one of 16 shade options



5

Full contour crown or bridge is sintered in industrial high-temperature zirconia sintering furnace



6

Full contour crown or bridge is returned to the lab within 3 business days



7

Use Cercon ht Zirconia Stain and Glaze Kit (#67390113) or another zirconia stain system to complete the final restoration and send to customer

# Cercon® ht Zirconia Stain and Glaze Kit



Achieve 16 custom shades keyed to the Vita®\* Classical Shade Guide

Cercon® ht Zirconia Stain and Glaze Kit (part number 67390113)

*Contains:*

9 – 4G Cercon Body Stains: 1-9

9 – 4G Cercon Stains: Weiß (White), Strato, Taiga, Grau (Grey), Ivory, Caramel, Amber, Terra, Schwarz (Black)

1 – 12G Glaze

1 – 15mL Ducera® Liquid Stain Improved

1 – Directions for Use



DENTSPLY International, Inc.  
570 West College Avenue  
York, Pennsylvania 17405-0872

1.800.243.1942  
prosthetics.dentsply.com  
or dentsply.com

*†Data on file*

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