



CEREC Crowns

We use the latest and most technologically advanced equipment in dentistry. This includes the most updated CEREC CAD/CAM unit by Serona.

What is CEREC?

CEREC is an acronym for Chairside Economical Restoration of Esthetic Ceramics. It is a sophisticated system of computer aided designing and the fabrication of high quality dental porcelain crowns in one visit!

CEREC utilizes 3D photography and CAD/CAM technology to assist the dentist in designing a virtual restoration (onlay, inlay, crown or bridge) and then fabricate the permanent restoration while you are still in the chair!

After using this technology since 2011, Dr. Davis understands the value of what CEREC brings to the practice and the patient. This machine allows us to take digital impressions for restorations (no more gagging on goopy impressions!) and make precise restorations that look excellent, fit perfectly, and last a long time — all out of biocompatible, metal-free materials and in very little time (a typical crown appointment lasts less than 2 hours, but this is 2-3 hours and you don't need to come back to finish the work... it's all done in one visit). NO TEMP CROWN. NO SECOND VISIT.

How it Works:

Once the tooth is prepared for a crown, the preparation is imaged and stored as a 3D digital model. The proprietary software is then used to approximate the restoration shape using biogeneric comparisons to surrounding teeth. The dentist then refines that design and sends the information to the onsite milling machine. This carves the actual restoration out of a pressed ceramic block using diamond burs under computer control. Then the crown is stained and glazed to match your personal characteristics of your teeth, baked to 1500 degrees for 15 minutes and finally, the crown is ready to be bonded to the tooth with permanent resin cement.

The future of Dentistry

CAD/CAM dentistry such as CEREC is the future of dentistry. Most labs are fabricating crowns with this same technology that we have onsite!

More dentists are turning to this new technology to help save appointment times for the patient and actually have better hands on design for the crown that they are the most familiar with. This process that saves you your time while increasing quality and comfort, is a good thing for both you AND the dentist.

Check out this video to learn more: <https://youtu.be/-6qqvIJdMjo>