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Tower Dental Group
Tower Dental Implant Center

NEWS

Winter 2003

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The CEREC 3 CAD/CAM computer has arrived!

**The most advanced dental technology
for the 21st century**

The Tower Dental Group has received delivery of the latest, most sophisticated model of the Sirona CAD/CAM system for the production of all-porcelain (ceramic) inlays, onlays, and crowns. Using an infrared video camera, a Windows NT-based computer, and a separate milling unit, which is electronically connected to the computer, we can prepare a tooth, fabricate the restoration, and cement the filling or crown in one office visit in most cases.

Dr. Gerber has been successfully using CEREC CAD/CAM dentistry in his practice for over eight years with the CEREC 1 and the CEREC 2. However, the new CEREC 3 is by far the most intuitive and sophisticated system available in the world today for the design and manufacture of dental restorations.

This advanced technology enables us to prepare a tooth, design the restoration on the computer, and manufacture the inlay, onlay, or crown from a block of tooth-colored porcelain. The final restoration is then cemented on the tooth—all within 90 minutes. This eliminates the need for temporary fillings, return visits with additional injections, and the delay caused by laboratory steps.

To make a CEREC 3 restoration, we place an anti-reflective powder on the prepared tooth and take an optical impression with an infrared 3-D camera. The image is instantly acquired on the computer screen. Dr. Gerber then designs the restoration to the proper dimensions, and the information is transmitted by wireless technology to the separate milling unit. Then before your very eyes, the restoration is milled out of a block of porcelain by two diamond instruments. After minor adjustments, it is polished and bonded to your tooth.

If you would like more information about the CEREC 3, call the Tower Dental Group at **(310) 652-0450** for a brochure, for answers to any questions, or to schedule an appointment.

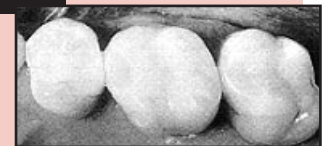


CEREC 3



Before

After



Visit our Web site: www.rbgerberdds.com
Thank you for your referrals. We appreciate them!