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ARROWHEAD
LAKES DENTISTRY

Arrowhead Lakes Dentistry Newsletter

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March/2011

Recently, a gentleman came into our office, a little upset and worried. One of his lower right molars had broken off a cusp (one of the points of the tooth). The tooth was not hurting, but it did have a sharp edge. But the real problem was that he was a snowbird and was planning to leave Arizona in the next few days to head north back to his old hometown. He knew that the tooth needed a crown, but did not want to reschedule his travel plans. However, his previous dentist back home had retired and no longer available to help him. He asked if we could help him.

CEREC

Our answer: NO PROBLEM!

With use of the [CEREC](#) technology, we easily placed a very strong, esthetic ceramic permanent crown in less than two hours.

[CEREC](#) is a CAD/CAM computer system (computer aided design/computer aided manufacture). [CEREC](#) will image, design, and mill durable and natural-looking ceramic restorations in one appointment. The advantages include:

- Attractive tooth color
- Preserve more of natural tooth structure
- Bonding actually strengthens the tooth
- Metal-free: no metallic taste!
- No second visit!
- No impressions!
- No temporaries!



After the local anesthetic, the tooth is prepared by removing old filling material and decay. Then an optical image is recorded by a special TV camera that records the tooth's details in three dimensions. The image appears on the screen and the crown is designed. Then a solid block of dental porcelain ceramic is placed in the milling chamber

and the crown is milled. The crown is tried in the mouth and appropriate adjustments are made for the fit and bite. Then the crown is baked in a special oven that strengthens the ceramic and changes the blue shaded ceramic into tooth color. The crown is then bonded to the tooth. The result is a ceramic crown that is durable (same hardness as enamel), beautiful, and highly compatible with the body -- all in one appointment!

Arrowhead Lakes Dentistry will continue its quest to utilize state of the art equipment and techniques to benefit our patients. If you need a tooth crowned, please contact our office. If you have any further questions about the information of this article or any other dental concerns, please visit our [website](#) or give our office a call at 623-362-9616. We would love to answer any questions.

We wish you good health,
Sincerely,

Ronald Shelley DMD
Arrowhead Lakes Dentistry PC

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