

CEREC Crowns, inlays and onlays



Before



After

Cerec crowns, inlay/onlays.

When a tooth is heavily filled and/or decayed, then there may not be sufficient healthy tooth remaining to support a filling. Fillings work well when there is plenty of sound enamel and dentine, but don't last very long when the tooth has become broken down.

Why is it better than a filling?

Because it involves the least amount of drilling and saves the most amount of your natural tooth. And as it is bonded in place, it strengthens and reinforces your tooth to give you the confidence to eat what you want.

What else do I need to know?

We use inlays and onlays to restore heavily damaged teeth. Hopefully, we can remove the decayed and damaged portions of the tooth and restore it to good health, appearance and comfort, saving the tooth and "the nerve". However, the nerve inside the tooth sometimes dies and may cause pain or discomfort. Root fillings are occasionally required on teeth which require a lot of restoration, even when they were symptomless previously.

The Seven Secrets of CEREC's Success

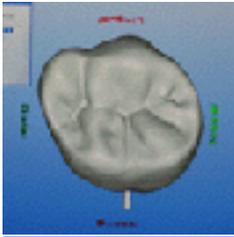
- ✓ **Conservative** - It involves the least amount of drilling and saves the most amount of your own natural tooth - it protects and preserves your tooth's integrity.
- ✓ **Confidence** - Because it is bonded in place, it can strengthen and reinforce your tooth to give you the confidence to bite normally.
- ✓ **Cosmetic** - CERECs are colour matched and characterized to give you a beautiful, natural looking tooth.
- ✓ **Cost Effective** - The CAD/CAM technology used ensures a superior fit and accuracy which means it fits better and lasts longer.
- ✓ **Convenience** - One visit is all it takes, without the need for impressions, temporary crowns or a second visit a couple of weeks later.
- ✓ **Compatible** - Metal free, inert, biocompatible material that closely matches your own natural tooth structure.
- ✓ **Comfortable** - When you eat hot and cold food and drinks, the CEREC and your tooth expand and contract in the same way (unlike metal) so your tooth does not hurt.



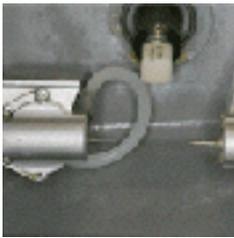
Step 1 - When a tooth is heavily filled, cracked, broken or decayed, then you and your dentist may choose the benefits of CEREC. The tooth is numbed completely, so that you can relax, confident in the knowledge that the procedure is totally comfortable. Only the bad stuff is removed, leaving the most amount of your own natural tooth.



Step 2 - The prepared tooth is “scanned” using a 3D digital acquisition unit similar to a digital camera. This is much quicker and more convenient than having moulds or impressions taken.



Step 3 - The image of the tooth appears on the computer screen. Using CAD/CAM technology, the CEREC is designed to fit perfectly, look fantastic and function comfortably. While we do this bit, you can relax with a coffee or read a magazine. However, most people are fascinated by the process and really take an interest.



Step 4 - A colour-matched ceramic block is chosen and placed in the milling machine. The computer then directs the diamond coated instruments on robot arms to reproduce the design to within microns of absolute perfection.



Step 5 - The CEREC is then characterized and glazed to look natural and feel nice and smooth to your tongue.

Step 6 - The glaze is then hardened in a small kiln that heats up to 780oC.



Step 7 - We then allow it to cool (!) and the CEREC is bonded in place to strengthen and reinforce your tooth, giving you the confidence to eat what you want and smile at who you like.

Get a winning smile from **enhance** dental care