



Dental Laser Technology

What is a Dental Laser?

The laser we use at PC Dental is the Waterlase® which uses laser-energized water to cut teeth. This system emits a laser beam that energizes a highly precise spray of air and water. Waterlase® uses a cool-water spray to cut teeth without generating heat. Conventional drills and lasers can overheat teeth during procedures, inducing discomfort and irreversibly damaging the soft tissue or pulp underneath.

Why are we so excited about the dental laser?

We find that the laser offers a level of precision that simply isn't available with other conventional dental instruments. Laser procedures eliminate bleeding, making it easier and faster to work while reducing stress for both the patient and the dentist. The laser also sterilizes as it works, helping to control infection.

How will the laser benefit me?

Laser procedures are substantially less painful than conventional procedures. Also, stress is reduced because the laser does not generate vibration, noise or cause bleeding. The need for sutures or packing is often eliminated. Patients who have had laser treatment recover faster and experience virtually no postoperative pain or swelling.

Is laser dentistry a safe, proven technology?

Yes. Lasers have been used in medical surgeries for over 20 years and in dental surgery since the early 1980's. We are well acquainted with the laser and have had extensive and thorough training in its use.

Will the laser replace the dental drill and other instruments?

Although the laser can be used to perform many procedures now done with other instruments, it will not totally replace current dental instruments. We will be glad to discuss specific dental procedures that are applicable to your course of treatment.

We are pleased to provide you with the benefits of laser dentistry . . .

This dental office has invested in a Waterlase® laser system because it offers substantial benefits to our patients. Laser procedures are more efficient and more comfortable than many conventional methods of treatment. Laser surgery, for example, produces minimal swelling and scarring compared to conventional methods.

Laser procedures are generally less painful and, therefore, reduce the necessity of anesthesia. In addition, because the laser is a non-contact instrument, it does not create the noise and vibration associated with dental drills.

Laser dentistry is an exciting technology that may very well provide you with new treatment options. We will be happy to answer your questions and explain how laser procedures can be applied to your treatment plan.