

TOOTHFULLY. *speaking*



Dr. Preeti Desai

DENTAL LASERS

***THEY REALLY
ARE BETTER!***

My responsibility as a periodontist and health care provider is to deliver the best possible care, surgical techniques and innovations to help benefit people and improve their health in the least invasive manner.

When I graduated, lasers and their applicability to dental care were never taught in dental or graduate school. The use of lasers has not changed much in North America, while the rest of the world has progressed. Keeping up with the science and research internationally is our responsibility as practitioners and thus next year I will complete my MSc in Laser Dentistry from RWTH University in Germany - the birthplace of modern physics and laser technology; and thus I will be the only periodontist to have done this! Dental implants also started in Europe the same way before becoming mainstream in North America ~ now look at it today: billboards and ads everywhere!

But dental laser technology has come leaps and bounds in the last 15 years and the scientific research, which is mainly European and Japanese, unequivocally demonstrates that it reduces the trauma of dental work, the invasiveness of treatment and promotes faster recovery with less pain. All of my surgery now incorporates at least one of four different laser wavelengths types in my office.

I have lectured and trained periodontists and dentists internationally on the benefits of dental lasers. But patients ask “how does it actually work”? Surgical dental lasers focus a specific infrared (invisible) beam of light — to energize streams of water. In this delivery mode, the jet stream of water is more precise than traditional steel dental tools like a blade, a scaler, a drill, scissors and as a result, causes less injury and trauma to the tissues in the mouth and less damage to the surrounding teeth and gums as they work.

Different lasers do different jobs. Some are designed for deep tissue healing like the chiropractor or physiotherapist use on high performance athletes (low level laser therapy), while another lasers can cauterize blood because like laser hair removal, they are attracted to pigmented body parts (hair, blood) and others mid infrared lasers (water lasers) can tackle tissue ablation (like tooth structure, gums, bone and implants). Many dental procedures — from filling cavities, doing root canals, children’s fillings are often without freezing and extracting teeth, sinus lifts, bone grafting to placing dental implants — can all be done with lasers.

A periodontal or dental procedure performed with lasers might take a bit longer occasionally but will take less recovery than with other means. The water laser has the ability to complete many of these requirements and is really the “TRUE dental laser”. The healing is so much better, and the results are far superior!



Laser Implant Periodontal

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