

Re: Laser dentistry

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practically the preparation using lasers for hard tissue doesn't eliminate conventional burs in 100% and next point it takes much more time. Using this kind of laser it's important to have an apt adhesive bonding system.

For these people who are really afraid of drilling it's ok but in most part of cases it is not important.

In dental office the most universal type of laser is diode.

There are a couple of factors:
equipment cost
the cases possible to use
the advantages for patients
cost for patient

regards kris-Polanowski DDS

Użytkownik "Eigenvector" <m44_master@xxxxxxxxxx> napisał w wiadomości
news:laydnSaJlbzFiEzYnZ2dnUVZ_uqvnZ2d@xxxxxxxxxxxxx

"Dartos" <tuthjockey@xxxxxxxxxxxxx> wrote in message
news:1171290987_8845@xxxxxxxxxxxxx

Waterlase, Hoya-Conbio, and Lares have lasers that will cut tooth structure and remove decay.

The claims are that you don't need anesthetic *most* of the time.

I have had a Waterlase for almost 3 years and I have not found that statement to be true. I still use local anesthesia on most cases.

The main advantages to the dentist is that it does not cause fractures in the enamel and it causes much less bleeding of the gum tissue (very helpful for certain restorations). Patients like not feeling any vibration, pressure, or noise through the teeth as

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they are being cut.

That last one is probably a bigger consideration than dentists normally consider. Even when it doesn't *HURT*, touching a spinning bur to tooth structure can be quite frightening for the patient. The pressure and vibrations echo through the teeth and bones. The laser has none of that.

The disadvantages are cost, cutting slower, and not living up to the 'painless' promises. It also won't cut amalgam and isn't good for crown preps.

JME,
Steve

Wow, it sounds like he's on top of it then. With my receded gumlines I certainly don't need to have tissue removed, and other than that they haven't replaced drills yet.

I will totally agree with you on your estimation of how much the action of a drill can frighten patients.

Eigenvector wrote:

For some reason I got it into my head that the use of lasers in dentistry has pretty well ended the need for a drill or at least reduced its need.

So whenever I ask my dentist about the use of lasers (mainly as a way to reduce anxiety) he scoffs and says that lasers are used typically for reduction of gumline. Also that they are extremely expensive.

Does my dentist need to go back to school or what? What's the skinny on lasers in the office?

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