



LAWRENCE A. KOTLOW, DDS

Dr. Kotlow is a pediatric dentist in private practice since 1974 in Albany, NY. He is also an educator, presenting internationally, and a prolific author of textbooks and journal articles. Dr. Kotlow is a Diplomate in the American Board of Pediatric Dentistry and a Master in the Academy of Laser Dentistry.

Solea

CONVERGENT DENTAL'S GAME-CHANGING CO₂ LASER IS TRULY AN ALL-TISSUE INSTRUMENT, EFFICIENTLY CUTTING SOFT TISSUE, TEETH, AND BONE



Find out why Lawrence A. Kotlow, DDS, believes that Solea:

- Dramatically simplifies procedures with its software-based cutting modes
- Addresses his practice needs with continual application-expanding innovations

I don't need another laser. I can do everything I need to with my diodes and my erbium." That was my response several years ago to the folks at Convergent Dental who wanted to tell me about their in-development laser that would handle all my soft-tissue, tooth, and bone-cutting needs—in a single unit.

I agreed to try the prototype, and it was truly impressive. After a year of tweaking by engineers, with continual bench testing by a group of laser dentists, we received a model we felt comfortable using on patients. After incorporating more input from beta testers, the Solea was unveiled in late 2013. I have been using it ever since.

Easy Upgrades

When my other lasers were updated, I needed to purchase new parts or an entire new unit. With Solea, virtually all of the upgrades have been software-related, and I can upload them for free via WiFi with my service contract...no downtime. The actual unit is never outdated; my original unit has been continually upgraded and works just as well as my second Solea, purchased in March 2016.

Among the notable software upgrades it has already

made, Convergent Dental is continually adding and changing spot patterns and sizes, which translates into faster cutting, less sensitivity, and easier operation. Some have increased cutting speed up to tenfold. I recently treated a 4-year-old patient with four deep Class IIs. After 20 minutes in the chair and no anesthesia, he left with a smile and went right back to school with no numbness or chemicals.

Easy Operation

Solea's foot pedal is similar to driving a car. When I need more energy, I push the pedal; for less energy, I let up on it. With other lasers, to adjust energy, you have to focus and de-focus.

Other lasers work by controlling 2 parameters: Hz (repetition rate, in most cases between 15 and 50) and millijoules (typically between 80 and 250). If you have a small cavity to prep and you want a small spot size, you have to change expensive disposable tips or a small permanent tip. With Solea, there are 5 hard- and soft-tissue settings, and all you do is push a button to choose the appropriate one. Because it's computer-assisted, the size of the beam changes with the push of a button. It would be like being able to change a handpiece bur by pushing a button. No other laser does this.

Solea enables me to do more work on a patient without local in the same period of time with no trauma. Kids are happier, parents are happier. Kids miss less school, parents take less time off work. And Solea reduces staff and doctor stress. We are creating a generation of kids who won't know what it's like to have to have a local anesthesia injection.



FOR FREE INFORMATION:

800.921.4806
ext. 125

www.dps.
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Circle 246
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VIDEO

Check out Dr. Kotlow in his operatory using Solea.

