

The VibraJect Injection Comfort Solution

Just Click and Stick—Practical and Effective Injection Comfort Patients Will Appreciate



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During my years as a dentist, I have been looking for a better or easier approach to providing local anesthetic to my patients that is convenient, cost-effective, and clinically effective. Nobody

likes injections, this we know. You've seen the range of emotions in your patients, from mild uneasiness to absolute fear. They will generally not tell you the fear or discomfort they experience relating to an injection since it is considered an acceptable aspect of dentistry. However, it is a fact that many patients avoid seeing the dentist simply to avoid the "needle." Regardless of how refined your injection technique is, the fact of the matter is that your patients likely do not like your injection techniques; it does hurt for most patients.

As dentists, we want our patients to have positive experiences while in our chairs, but many of them are afraid of the "shot" needed prior to any dental intervention. We use topical anesthetic of various strengths to limit the discomfort at the injection site, we wiggle the lip and cheek to take their minds off of the injection, or we use a myriad of approaches to reduce the shock of the pointed needle. Now, I have found a remarkable, innovative, simple system that reduces the discomfort of injections called the VibraJect (Figure 1) that has led to happier patients, more frequent visits, and increased referrals.

VibraJect is a cost-effective device that snaps right on to your existing syringe (Figures 2 and 3), causing the needle to vibrate. There are no new procedures to learn and no disposable aspects like other products on the market I have tried (Figure 4). It produces a mild vibrating sensation that helps override the pain signals from the needle. The nerve endings associated with sensing temperature and pain are small, non-insulated, and have a relatively low signal intensity. The nerves that respond



Figure 1.



Figure 2.



Figure 3.



Figure 4.

to pressure and vibration are larger, insulated, and have a relatively high signal intensity.

When vibration and pain signals are combined, as in the case with an injection using VibraJect, it is believed that the "vibration" message carried by the insulated nerves predominates over the "pain" message carried by the smaller, non-insulated nerves. The "tactile" pathway appears to have an inhibitory action on the "pain" pathway at the dorsal horn of the spinal cord. The patient only experiences vibration, not pain.

VibraJect uses simple and cost-effective proven technology to improve your injections. Typical

comments include "Wow, I didn't feel that at all," or "That was great, doc!" Even the most anxious or hypersensitive patients often experience a positive response with greatly reduced physical discomfort. From infiltrations to blocks to even palatal injections, the discomfort associated with a local injection is reduced.

I like providing pain-free injections to my patients. My staff realizes the benefit of this and always has VibraJect ready on my syringe. And most importantly, my patients' responses to its use have been exceptional. For additional information, call (877) 987-2284 or visit golddentalsolutions.com.