

Precise. Predictable. Productive.

Science makes it so.

Dynamic Pressure Sensing (DPS[™]) Technology precisely monitors and controls both pressure and flow rate to allow a virtually unlimited volume of anesthetic to be delivered through the periodontal ligament, producing predictable, profound anesthesia that lasts longer.

Doctor benefits:

- Assured accuracy of needle placement
- Allows the STA-Intraligamentary (PDL) injection to be your predictable primary injection
- Immediate anesthesia means operative work begins without the wait
- Allows the STA-Intraligamentary (PDL) injection to last as long as a traditional infiltration or block
- Easier, faster and better anesthesia

The STA[™] System is...

The **ONLY** system that gets you to the right spot — guiding and confirming when you're in the periodontal ligament

The **ONLY** system allowing you to perform the revolutionary STA-Intraligamentary injection, lasting as long as a traditional infiltration or block

The **ONLY** system that gives you continuous real-time audio and visual feedback

The **ONLY** system that allows you to work in multiple quadrants

The **ONLY** system that has been clinically proven to give a virtually painless injection

The **ONLY** system that provides a
TRUE SITE-SPECIFIC INJECTION

Patient benefits:

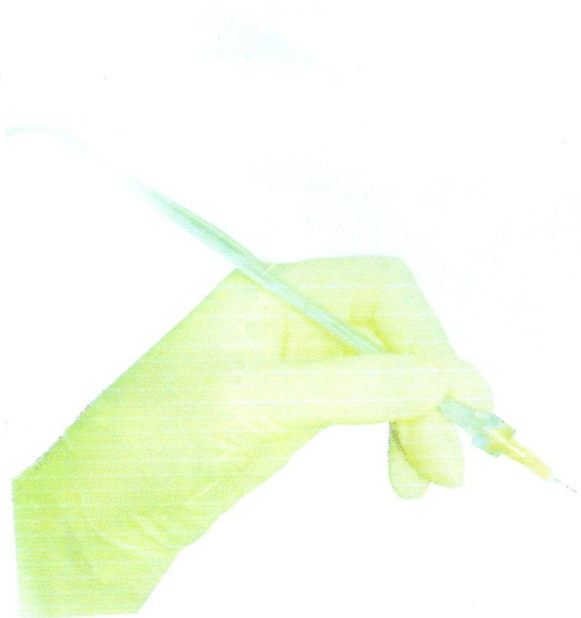
- Virtually painless injection
- Eliminates risk of tissue damage
- No droopy lip or numb tongue
- A “positive” experience in the dental chair

MILESTONE
SCIENTIFIC

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The **SCIENCE** of
successful anesthesia...
right at your fingertips.

With a conventional syringe, you're hopeful the needle is in the
right spot. Using the STA™ System, you **KNOW IT IS.**



What's the difference between a "hopeful" injection and a "100% confident" injection?
In a word – TECHNOLOGY. And in your operatory – The STA System.

This STA System is capable of all traditional injection techniques. Here is an example of how the STA System works when administering an STA-Intraligamentary (PDL) injection:

As the dentist advances the needle, the STA System continuously measures and monitors the pressure of anesthetic solution as it exits the needle tip. When the specific resistance of intraligamentary tissue is identified by the STA System, an audible and visible announcement is given to confirm that the periodontal ligament has been positively reached. Anesthetic is delivered at a controlled pressure and rate, and, depending on the volume of anesthetic administered, you're in and out in 1-2 minutes.* Because profound anesthesia is immediate, the operative procedure can begin immediately after withdrawal – there's NO WAITING!

*Using 4% Articaine hydrochloride 1:200,000.