

Virtually pain-free injections

Many patients fear dental procedures and injections after uncomfortable past experiences with inoculations. However, this can be a thing of the past. **EUGENE R. CASAGRANDE** explains how The Wand can help improve your patients' comfort and increase your precision and productivity...

WITH great care every dentist can provide virtually pain-free injections to their patients. This is due to their skill and attention paid to the comfort of the patients. However, there are two areas of the oral cavity where it is very difficult to give comfortable anaesthesia. These are the palate and the periodontal ligament. This is due to the tightness of the tissue on the palate and the restricted space of the periodontal ligament, which makes it difficult to administer a liquid in any volume without either causing discomfort or post operative pain.

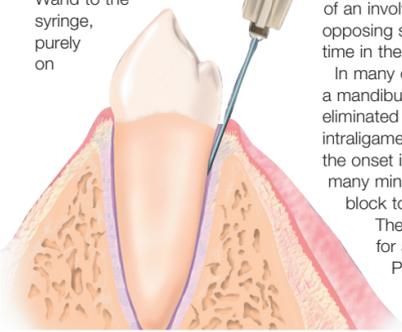
There is an answer
The Wand was developed by Milestone USA to enable the injection of an anaesthetic at a rate that is below the patient's threshold of pain, even in the palate and periodontal ligament areas. This rate is one drop of anaesthetic every two seconds. During the last 12 years, more than 40,000,000 injections have been given with The Wand, which provides a huge body of experience with all types of injections. Many clinical studies, articles and

text book references have been published on new techniques and injections using The Wand.

Reduce the fear

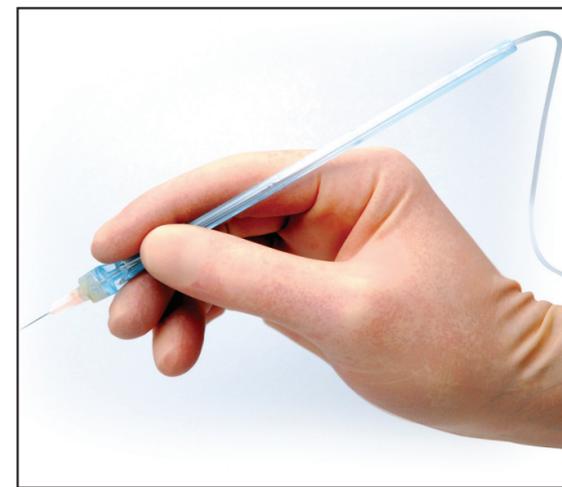
Most patients attending the dentist have already had an early uncomfortable experience with inoculation at their physician's office. They are already sensitised to the sight of the syringe, regardless of how comfortable their subsequent experience will be with the dentist.

An early study showed that over 90 per cent of patients preferred The Wand to the syringe, purely on



The Wand performing a PDL injection

An early study showed that over 90 per cent of patients preferred The Wand to the syringe, purely on appearance.



The Wand is preferred to the syringe because of its less daunting appearance

appearance. The Wand does not elicit a fear reaction because it looks nothing like a conventional syringe.

Increase productivity

With The Wand, the more advanced specialised injections, such as the Modified PDL, AMSA or PSA, can significantly save time if treatment is planned appropriately.

The ability to administer an intraligamentary injection comfortably enables the dentist to create treatment plans that include bilateral mandibular dentistry. This can preclude the need for additional appointments to complete minor restorations on the opposing side of the mandible.

The restoration of an isolated lesion on one side of the mandible, or the bonding of a crown on to a vital tooth, on the same day of an involved treatment on the opposing side, saves significant time in the chair.

In many cases, the need for a mandibular block can be eliminated by administering an intraligamentary injection where the onset is instant, thus saving many minutes waiting for the block to work.

The Wand is used routinely for administering the P-ASA injection, which provides anaesthesia to six teeth bilaterally. The lips are unaffected

although palpal, buccal, and palatal anaesthesia is achieved.

It is also used for the AMSA injection which numbs one to five teeth, thus making it possible to anaesthetise 10 teeth with just two injections. This is particularly advantageous for such procedures as applying multiple veneers.

The advantage of unaffected lips makes it possible to ensure that the dentist is happy with the smile line. The patient is happy because they can see the result of the restorations without puffy lips and the fact that they can have a drink without dribbling.

Hitting the target

The Wand is used for all injections, including the block. The advantages with the block are three fold:

- Due to the ability to rotate the hand piece, which is impossible with the conventional syringe, the needle goes straight to site and fewer blocks are missed.
- Perfect aspiration at site
- Next day the patient will feel no discomfort because the delivery



The Wand STA computerised anaesthetic delivery unit

Where The Wand is promoted by a practice in web sites, point of sale leaflets, etc it attracts new patients who for whatever reason fear the syringe.

rate of anaesthetic means that the tissue is not traumatised.

Wand can be learnt from: info@d-p-s.uk.com.

Marketing advantages

By adopting The Wand as the standard of care, practices have a very powerful advantage in the ability to publicise the practice as 'syringe-free'. According to the company, where The Wand is promoted by a practice in web sites, point of sale leaflets, etc it attracts many new patients who for whatever reason fear the syringe.

The Wand is distributed in the UK by DPS. More about The



The AMSA injection.

About the Author

Eugene R. Casagrande, DDS, FACD, FICD has practiced Cosmetic and Restorative Dentistry for over 30 years in Los Angeles. He is past president of the California State Board of Dentistry and the Los Angeles Dental Society, and is a Fellow of the American and International Colleges of Dentists. Dr. Casagrande has been on the faculty of the University of Southern California, School of Dentistry. As the Director of International and Professional Relations for Milestone Scientific for over 11 years, he has lectured both nationally and internationally at over 35 dental schools and in over 26 countries on Computer-Controlled Local Anesthesia.



JOIN THE THOUSANDS OF DENTISTS THAT HAVE

M O V E D O F F T H E B L O C K

<p>85%</p> <p>VISITS ARE FOR SINGLE TOOTH PROCEDURES</p>	<p>YOU SPEND</p> <p>10 MINUTES</p> <p>WAITING FOR YOUR BLOCK INJECTIONS TO GAIN ON-SET</p>	<p>THE AVERAGE DENTIST MISSES</p> <p>25%</p> <p>OF THE BLOCKS THEY ADMINISTER</p>
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You Wasted 12 Days Last Year

The average dentist administers 1,000 injections per year. About 425 are block injections. You invest 10-12 minutes waiting for on-set and miss 25% of the time. This equates to 5737.5 minutes of wait time which is 96.5 hours or 12 full eight hour days that you waste.

STA achieves profound anaesthesia in 1-2 minutes*.

** Using Articaine: 1 minute per root — Start the procedure immediately.*

Note: The Wand does all injections in addition to PDLs

Try before you buy – Call us now on: 01438 820550