

Injections are now easier to give with Milestone's computer-controlled local anesthetic delivery systems

AMSA

ANTERIOR MIDDLE SUPERIOR ALVEOLAR BLOCK ^{1,3,4}

This new and exciting injection utilizes a single site to anesthetize multiple teeth without producing collateral anesthesia to the lips, face and muscles of expression.

Range of Anesthesia:

- One injection site -**
Central to second premolar, palatal and buccal soft tissue
- Bilateral injections -**
Second premolar to second premolar, palatal and buccal soft tissue

Ideal For:

- Esthetic restorative dentistry procedures
- Scaling and root planing
- Palatal soft and hard tissue surgical procedures

Benefits:

- Pulpal anesthesia of maxillary teeth, palatal and buccal soft tissue anesthesia with no numbness of face and lips
- Multiple tooth anesthesia from a single injection
- Reduced dosage of anesthetic vs. traditional techniques
- Very comfortable palatal injection
- Ability to access smile line without distortion
- Improved hemostasis for more accurate impressions

P-ASA

PALATAL ANTERIOR SUPERIOR ALVEOLAR BLOCK ^{2,4}

This single site-specific injection anesthetizes multiple maxillary anterior teeth and surrounding hard and soft tissue. This is the only intraoral injection that results in bilateral anesthesia of multiple teeth.

Range of Anesthesia:

Maxillary incisors, canines, anterior third of palate and anterior facial gingival tissue

Ideal For:

- Esthetic restorative dental procedures
- Scaling and root planing
- Palatal soft and hard tissue surgical procedures

Benefits:

- Bilateral pulpal anesthesia of maxillary teeth, facial and palatal soft tissue anesthesia from a single site
- Anesthesia with no numbness of lips and face
- Reduced dosage of anesthetic
- Very comfortable palatal injection
- Ability to access smile line without distortion
- Improved hemostasis for more accurate impressions

MODIFIED
PDL

MODIFIED PERIODONTAL LIGAMENT INJECTION

The Modified PDL injection becomes so comfortable and effective it can often be used as the primary injection.

Range of Anesthesia:

Single tooth and associated hard and soft tissue.

Ideal For:

- Bilateral mandibular restorative procedures
- Primary injection for pulpal anesthesia of less than one hour
- Endodontic Procedures¹³
- Supplemental pulpal anesthesia to a traditional block or infiltration
- Single tooth periodontal treatment

Benefits:

- Lack of collateral anesthesia to the face, tongue or lips
- Rapid onset
- Easy to administer
- Very comfortable for patient
- Often used in lieu of mandibular block
- Safer than a mandibular block⁵
- Site specific
- Perform bi-lateral mandibular procedures on same visit
- Improved hemostasis for more accurate impressions



**MANDIBULAR
BLOCK
INJECTION**



INFILTRATION

INFERIOR ALVEOLAR BLOCK INJECTION

The Inferior Alveolar Block is the primary injection for the mandible. The system dramatically improves this injection by increasing accuracy and decreasing discomfort. The bi-directional rotation insertion technique eliminates needle deflection, which is often blamed for missed blocks. This injection results in a virtually pain-free injection with a rapid onset of anesthesia.

Range of Anesthesia:

Mandibular quadrant

Ideal For:

- Pulpal anesthesia of mandibular teeth
- Soft and hard tissue of the mandible (in association with buccal nerve blocks)

Benefits:

- Increased tactile feel and control
- Bi-directional rotation insertion reduces needle deflection and missed blocks while improving accuracy⁶
- Better visibility
- More comfortable for patient
- Frequently more rapid onset

SUPRAPERIOSTEAL INFILTRATION

Even routine infiltration injections are improved. The computer regulated delivery makes this technique even more appealing - now you can count on patient comfort as much as you do predictability.

Range of Anesthesia:

- Pulpal, labial/buccal soft tissue anesthesia at the site of injection

Ideal For:

- Single tooth in maxillary arch and for soft and hard tissue procedures in either arch

Benefits:

- Better feel, control and more accurate placement
- Better visibility
- More comfortable for patient
- Less threatening appearance

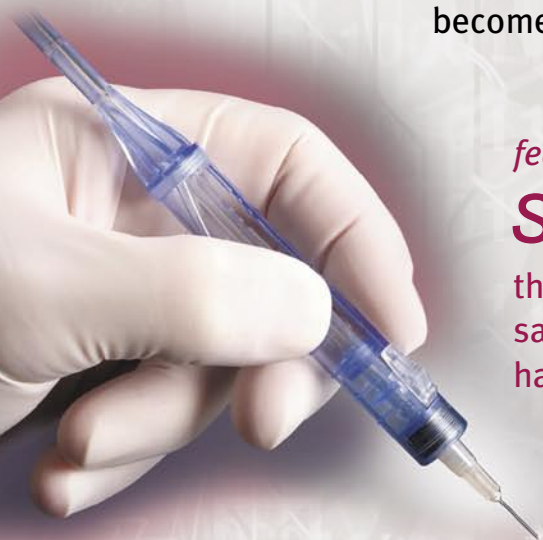
All procedures made easy

With the Milestone system, all injections, even palatals, become more comfortable, predictable, and controllable.

featuring the new

SafetyWand®

the revolutionary,
safety-engineered
handpiece



Footnotes:

1. The AMSA injection: A new concept for local anesthesia of maxillary teeth using a computer-controlled injection system; Friedman, Mark J., DDS; Hochman, Mark N., DDS; Quintessence Int. 1998;29:297-303.
2. P-ASA Block Injection: A New Palatal Technique to Anesthetize Maxillary Anterior Teeth; Friedman, Mark J., DDS; Hochman, Mark N., DDS; Journal of Esthetic Dentistry, 1999, Vol. 11, Number 2.
3. Friedman, MJ, Hochman, MN: 21st century computerized injection system for local pain control, Compendium Of Continuing Education in Dentistry 18(10):995-1000, 1002-1003, 1997.
4. Friedman Mark J., DDS Technology Forum-Advances in Local Anesthesia. Compendium of Continuing Education in Dentistry May 2000.
5. Histologic Response to Intraligament Injections Using a Computerized Local Anesthetic Delivery System. A Pilot in Mini-Swine. Froum S.J., Tarnow D., Calazzo A., Hochman M.N. Journal of Periodontology Volume 71, No. 9, September 2000.

MILESTONE
SCIENTIFIC

DENTAL DIVISION

220 S. Orange Avenue
Livingston, NJ 07039
Toll Free: 800 862 1125
973 535 2717
Fax: 973 535 2829
www.milesci.com

Outside the USA
Call or fax Milestone
for the distributor in
your country.