

STATM featuring the STA Wand[®] handpiece

Single Tooth Anesthesia System

Injection: **P-ASA** (Palatal Anterior Superior Alveolar)

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

Ideal For:

- Restorative and endodontic dental procedures
- Scaling & root planing
- Palatal soft tissue procedures

Benefit:

- Maxillary pulpal anesthesia with no facial numbness
- Bilateral anesthesia from a single site
- Reduced dosage of anesthetic
- Comfortable palatal injection

Amount of Anesthetic: 2% Lidocaine
3/4 to 1 full cartridge
When using 4% Articaine HCL
1:200,000, use half dosage

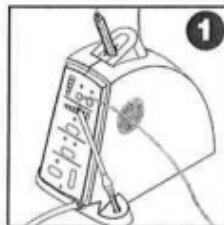
Time of Injection: 3-4 minutes

Needle: 30g 1/2 in.

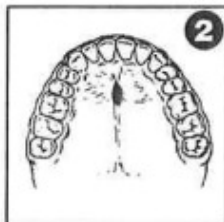
Duration: 60-90 minutes

* Dosage requirements for adequate anesthesia and duration may vary from one patient to another.

** Anecdotal technique defined by Friedman/Hochman (Milestone Scientific Clinical Consultants). Full independent clinical study in progress.

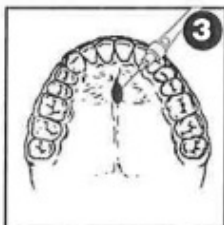


- 1**
- Set up STATM System.
 - Perform aspiration pre-test.
 - Set to STA or Normal mode.

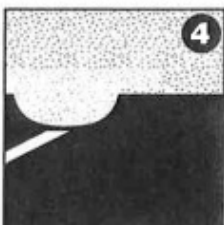


- 2**
- Target Landmark:** Lateral to Incisive Papilla targeting the incisive canal.

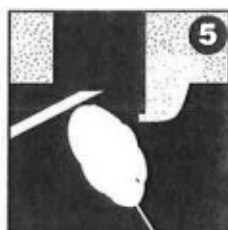
Objective: Gain entrance into incisive canal & maintain contact with bony wall.



- 3**
- Approach the site with needle at a 45° angle to the palatal tissue.



- 4 Pre-Puncture technique**
- Select STA or Normal Mode.
 - Use pre-puncture technique.
 - Press needle bevel against tissue-adjacent to incisive papillar.



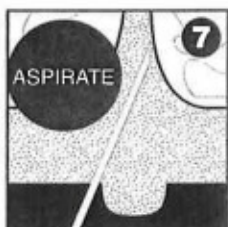
⑤ Pre-Puncture technique

- Put pressure on needle tip with sterile cotton swab
- Do not penetrate, but initiate ControlFlo of anesthetic for 8-10 beeps. (8-10 seconds.)
- Activate cruise control if desired.



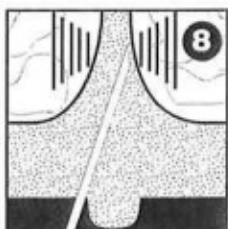
⑥

- Rotate needle back and forth slightly.
- Very slowly penetrate tissue.
- Enter tissue slowly (8-10 beeps/seconds).
- Administer anesthetic at ControlFlo until blanching of incisive papilla is seen.



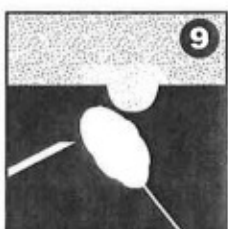
⑦

- Reorient needle vertically and position to gain access into nasopalatine foramen.
- Advance needle to bone slowly.
- When site is reached, perform aspiration.
- Reactivate cruise control if desired.



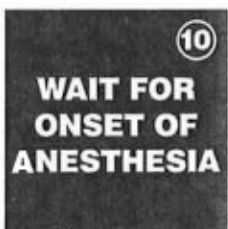
⑧ CRITICAL!

- Maintain pressure so needle stays in contact with bone.
- Deliver 3/4 to 1 full cartridge at ControlFlo.
- When using 4% Articaine HCL 1:200,000, use half the dosage.



⑨

- Deactivate Cruise Control. Wait 6 seconds for fluid pressure to dissipate.
- Very slowly remove needle.
- Catch any drips with cotton swab.



⑩

- Look for blanching on palatal and facial tissue.
- Wait approximately 5 minutes for full pulpal anesthesia to take effect.

