

STATM featuring the STATM WandTM handpiece

Single Tooth Anesthesia System

Injection: **AMSA** (Anterior Middle Superior Alveolar)

Range of

Anesthesia: One site - Central to second premolar, palatal and buccal soft tissue

Bilateral - Second premolar to second premolar, palatal and buccal soft tissue

Ideal For:

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

Benefits:

- Maxillary pulpal anesthesia with no facial numbness
- Multiple tooth 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

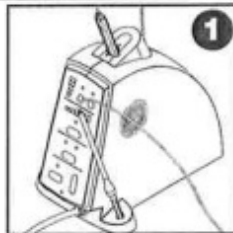
Time of

Injection: 3-4 minutes

Needle: 30g ½ in.

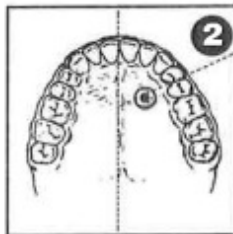
Duration: 60-90 minutes

- * Dosage requirements for adequate anesthesia and duration may vary from one patient to another.
** Anecdotal technique defined by Friedman/Hochman (Milestone Scientific Clinical Consultants). Independent university clinical study in progress.



①

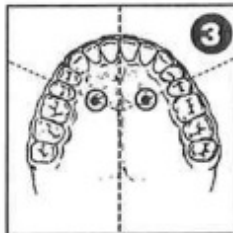
- Set up STATM System.
- Set to STA or Normal mode.



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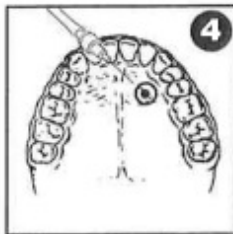
Injection Site:

- Area on palate which bisects the premolars and is midway between free gingival margin and the mid-palatine suture.



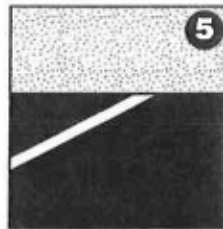
③

- Bilateral Sites



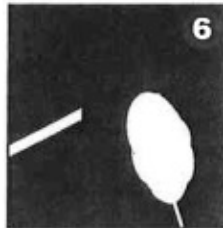
④

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



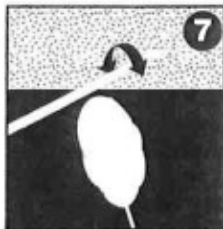
⑤ Pre-Puncture technique

- Use Pre-Puncture technique.
- Press needle bevel against tissue.



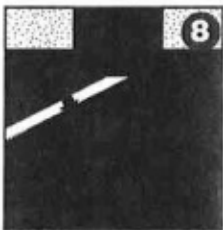
⑥ Pre-Puncture technique

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



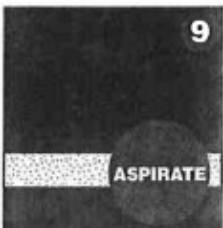
⑦

- Maintain ControlFlo rate.
- Rotate needle slightly to penetrate tissue 1-2 mm.
- Pause forward movement 4 seconds to allow anesthetic pathway to develop.



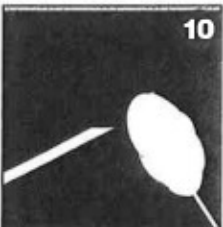
⑧

- Continue slow flow rate.
- Rotate needle back and forth slightly during penetration.
- Advance slowly for 2 sec., pause movement for 4 sec.
- Maintain 2/4 forward rate until bone is reached.



⑨

- Once site is reached-Aspirate
- Reactivate Cruise Control if desired.
- Maintain pressure so that the needle bevel stays in contact with the bone.
- Deliver 3/4 to 1 full cartridge at **ControlFlo**.
- When using 4% Articaine HCL 1:200,000, use half the dosage.
- Tap foot control to stop Cruise Control.



⑩

- Leave needle in place for 6 seconds to dissipate pressure.
- Very slowly withdraw needle.
- Catch any drips with cotton swab.



⑪

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

