

## INSTRUCTIONS FOR USE

Prior to use, explain to patient:

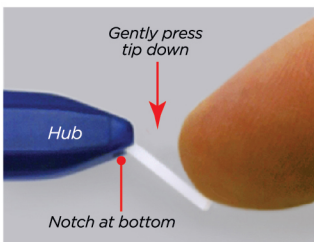
- 1. There is NO needle** (*demonstrate to patient*). This is not a conventional injection as they know it and are accustomed to receiving.
- 2. Patient may not report feeling any numbness.** Validate numbness by cold-testing the target tooth if necessary.
- 3. Post procedure,** there is generally no facial, lip or tongue numbness.
- 4. The use of topical anesthesia is optional.** Delivering a small amount of anesthesia from the NumBee tip into the gingiva may suffice without topical and reduces time.
- 5. Duration of the anesthesia** will be approximately 35-45 minutes, depending on the amount used and the strength of the anesthetic solution.

## Instructions for using Numbee:

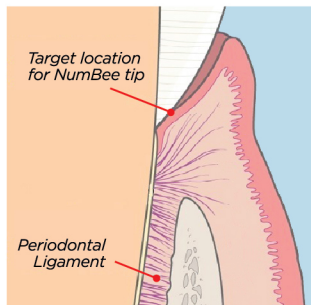
- 6. NumBee tips** can be used with Citoject, N-Tralig, Peri-Press, or any anesthetic syringe with a standard screw attachment. Only one NumBee tip is used per patient, and can be used for multiple applications for that patient at the same visit.
- 7. NumBee works** with ANY anesthetic solution.
- 8. Remove the NumBee from its pouch.** Remove the yellow plastic tube by pulling on it or twisting it out. DO NOT attempt to remove it by snapping it laterally. Doing so will bend the cannula and render the NumBee unusable.
- 9. Load the syringe** by inserting a standard 1.8 ml anesthetic carpule. Insert the straight metal cannula on the NumBee into the syringe to penetrate the carpule, and securely screw the NumBee tip onto the syringe. Caution should be taken not to bend the cannula.
- 10. Squeeze the plunger** on your syringe and check to make sure anesthetic is being expressed.
- 11. If you wish to articulate the NumBee tip,** look at the blue hub and find the side with a slight notch. This is the bottom. The NumBee can only articulate from the top to the bottom. If you force the NumBee in the opposite direction, you will break the cannula inside and will not be able to use the NumBee. See *Diagram A*.

### Diagram A:

*Articulation of the NumBee tip*



### Diagram B: Targeted tip location



12. **Apply topical** (*optional*) to the gums at the targeted tooth and let it stay in place for at least one minute.
13. **Start at the buccal**, using *Diagram B* for placement of the tip. Place the NumBee tip on top of the gingiva with the tip contacting the tooth at 90 degrees. Dispense a few drops of anesthetic to start numbing the gingiva in the area of entry.
14. **Rotate the tip** inwards and enter the sulcus, using the tooth as a guide.
15. **Insert tip into the sulcus** until you meet resistance from the periodontal ligament (PDL). See *Diagram B*.
16. **DO NOT** penetrate or puncture the PDL.
17. **USING SLIGHT PRESSURE**, create a seal between the tip of the NumBee and the PDL.
18. **SLOWLY, exert pressure** on the plunger to infuse tissue with anesthetic. If you are using the NumBee intraligamental syringe, each squeeze of the lever delivers approximately .06 ml. of anesthetic. Typically, two squeezes of the lever on the NumBee syringe per injection site is sufficient: more anesthesia may be required for longer, more invasive procedures. If using another syringe, dispense approximately .12 ml. of anesthetic per site.
19. **CAUTION:** Do not attempt to puncture the ligament to deliver a bolus of anesthetic fluid; rather, allow the anesthesia to be absorbed slowly by the ligament under pressure.
20. **If anesthesia will not express**, reduce the pressure against the PDL. If anesthesia is leaking from the sulcus, increase the pressure on the NumBee tip to create a better seal against the PDL, and reduce the pressure on the syringe plunger for a slower delivery of anesthetic.
21. **When properly delivering anesthetic** to the PDL, blanching of the tissue at the target tooth should be visible while feeling back-pressure. Partial blanching of the tissues at the adjacent teeth is common.
22. **Repeat application** on both the mesial and distal papillae.
23. **NOTE:** Anesthetic may also be placed in the buccal and lingual sulcus as needed.

**24. When using the NumBee intraligamental syringe**, each full squeeze of the syringe should take about 10-15 seconds and delivers approximately .06ml per squeeze.

**25. REMEMBER the key to successful analgesia with NumBee** is slow delivery of the anesthetic fluid, a tight seal between the tip and the PDL, and seeing blanching of the tissue.

**26. For suggested application locations** for each tooth see *Diagram C*.

**27. After use**, dispose of Numbees in a sharps disposal container.

**STERILE EO** Sterilized Using Ethylene Oxide

**Rx ONLY** CAUTION: U.S. Federal law restricts this device to sale by or on the order of a physician

 Use By


**LOT** Batch Code

 Consult Instructions for Use

 Do Not Resterilize

 Do Not Reuse

 Use Sharps Disposal Container

 Do Not Use if Container is Damaged

 Manufactured By



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Patent 9,687,606  
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