

What's Hot and What's Getting Hotter

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PRODUCT

Anutra Local Anesthetic Delivery System **Anutra Medical**

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For some time, my utmost concern when evaluating products has been "Is it faster, easier, and better for both the doctor and the patient?" Buffering anesthetic solutions is not a new concept, but Anutra Medical has made it faster, easier, and better with its Anutra Local Anesthetic Delivery System. This system provides everything you need to buffer local anesthetics, including the anesthetic.

There are three elements to this clever system—an Anutra Cassette, Anutra Dispenser, and Anutra Feedback Aspiration syringe. The cassette holds the 2 percent lidocaine with epinephrine and 8.4 percent sodium bicarbonate. To buffer, affix the syringe to the dispensing unit, select the amount in milliliters that you want, turn the dispensing knob, and draw the buffered solution. There will be an audible "click" in the syringe for each milliliter drawn. Then, you simply affix the syringe needle and anesthetize your patient.

Did I mention there is no need for a topical anesthetic if, just prior to pricking the tissue, you dispense some buffered anesthetic onto it? The carbon dioxide microbubble in the buffered solution will suffice to numb the tissue prior to injection. Buffering like this allows us to bring the harsh acidic



anesthetic into a more comfortable and neutral pH, eliminating that pesky "burning" sensation and allowing for a more rapid uptake of the anesthetic without cellular irritation. This new system also is cost-effective, because each cassette can last up to four days and can deliver approximately 25 2-mL injections, thus reducing the cost per injection to less than half of competing products' costs.

No longer will you have to wait for up to 15 minutes for pulpal

anesthesia with an inferior alveolar nerve block. The Anutra Local Anesthetic Delivery System has the patient fully numb in about 2 minutes. This system doesn't change your injection technique, but rather it makes it easier for the patient's body to tolerate the anesthetic and it enhances the rapidity of the anesthesia. With this system, Anutra Medical gives you an efficient and cost-effective method to ensure reliability and predictability for your anesthetic procedures.



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Dr. Glazer has not received any remuneration for the products mentioned. He has received products from these and other companies for evaluation purposes. Dr. Glazer evaluates the latest in dental materials, equipment, and technology. All reviews are the opinions of the author, a practicing general dentist, and are not shared or endorsed by *AGD Impact* or the Academy of General Dentistry.

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