Redefining CAD/CAM efficiency with the Anutra Local Anesthetic Delivery System

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Imagine going to work on a patient’s CAD/CAM restoration within minutes without ever having to leave his or her side nor wait extended periods of time for the anesthetic to take effect. This is the advantage of buffering local anesthetics with the Anutra Local Anesthetic Delivery System.

The efficiency and time-saving benefits of Anutra buffered anesthetics allow for more efficient workflow for your staff to quickly deliver the patient’s restoration. It significantly enhances patient experience and comfort while transforming a practitioner’s efficiency, profitability, predictability and reliability of local anesthetics.

By redefining buffered anesthetics and “same-day dentistry” with the Anutra Local Anesthetic Delivery System, you are creating a greater patient experience as well as increasing profitability for the practitioner. This is what we call a win-win scenario. Using the Anutra Local Anesthetic Delivery System is the best way to buffer local anesthetics to enhance the productivity of CAD/CAM.

Why does Anutra’s buffered anesthetics create a better workflow in producing CAD/CAM restorations for “same-day dentistry”? It allows the practitioner to quickly work on the patient as well as complete the restoration in a single appointment.

Dr. Abernethy from Renaissance Dental Care stated: “I was amazed. I mean within two minutes, and this was for a block, I was able to pick up my handpiece and go. As far as time savings, this is huge.”

After all, the goal of CAD/CAM restorations is to deliver same-day results on even the most complicated of restorations. By improving workflow and reducing the time for the patient to become numb, the practitioner is able to deliver final restorations in one appointment.

With the introduction of the Anutra Local Anesthetic Delivery System, buffering is made simpler and more effective by lowering the acidity level of lidocaine with epinephrine. This allows the patient to become numb quicker and for the procedure to be completed without interruption.
Dr. Gregory Mayes at Preston Dental Care said: “I was amazed. My first patient said he felt numb immediately, so we got started in a minute and a half.”

In traditional anesthetics, there normally is a significant delay from when the practitioner administers the anesthetic injection and when the patient is ready for the procedure. This delay can be very time consuming, especially in the case of CAD/CAM restorations, and hinders “same-day dentistry.”

With the Anutra Local Anesthetic Delivery System, the buffered anesthetic is raised to the patient’s physiologic pH, which allows the anesthetic to more readily cross the nerve membrane. This means a patient can reach pulpal anesthesia in as little as two minutes, even with blocks.

Additionally, anywhere from 4,000 to 6,000 times the active molecules of anesthetic will cross the nerve membrane, making it more profound than normal lidocaine. Increasing the predictability that a patient will get numb the first time improves efficiency as well as profitability for the practitioner. With a more predictable time block for the patient to reach pulpal anesthesia, CAD/CAM restorations can be scheduled more effectively, which provides for a more profound doctor/staff relationship.

Dr. Lisa Mayes said: “My team loves me because I stay on time, and my patients and my staff get out of the office on time. It’s a smooth schedule and they are comfortable.”

What adds to the power of buffered anesthetic is that the topical effect is the result of a CO2 micro bubble that is formed when local anesthetic is mixed with sodium bicarbonate.

The Anutra Local Anesthetic Delivery System is revolutionary in conjunction to CAD/CAM technology because it combines all of these in a simple yet ergonomically designed product called The Anutra Cassette. The Anutra Cassette leverages the science of buffering to precisely mix lidocaine with epinephrine and sodium bicarbonate to effectively and efficiently buffer local anesthetics.

By loading an Anutra Cassette at the beginning of the week, clinicians can simply buffer anesthetic for every patient by twisting the knob on the Anutra Dispenser. Nothing could be easier and more cost effective.

The Anutra Local Anesthetic Delivery System not only provides an easy-to-use platform for you to buffer anesthetic in your practice, it also introduces the first-known, FDA-approved, multi-dose, one-handed fully disposable aspiration syringe. You can draw up to 6 milliliters of anesthetic in a single syringe. No need to reload cartridges after each use. With the Anutra Syringe, the practitioner can draw the equivalent of three traditional 1.8-milliliter dental cartridges, which provides for a more efficient and practical way to administer anesthetics.

With an affordable cost point, a revolutionary new haptic syringe, a simplistic dosing system and a long shelf life, the Anutra Local Anesthetic Delivery System is a must-have for every dental practice. By incorporating the Anutra Local Anesthetic Delivery System with the technology of CAD/CAM, you can redefine patient restorations with efficiency, profitability, predictability and reliability.

According to Mayes: “It’s like Anutra and Planmeca were made for each other. With predictable patient comfort and profound anesthesia achieved so quickly from Anutra, I can now stay chairside and start prepping in about two minutes. This meshes perfectly with Planmeca because there are no preoperative impressions needed. With no lag time for anesthesia, I can now prep and move on to another patient while my assistant scans, designs, mills and finishes the restoration, and since Anutra helps me to do this next procedure more efficiently too, I am back to deliver the Planmeca FIT restoration before the Anutra wears off. It’s liberating for all of us!”