DENTSPLY Midwest® has introduced a handpiece with Speed-Sensing Intelligence (SSI) and Superior Turbine Suspension (STS), technologies that solve two longstanding challenges facing dentists: load-based variations in speed that can cause stalling and require time-consuming feathering and bur deflection and chattering. This provides outstanding control time after time. No stalling or chattering. This provides outstanding control at speeds of 330,000 RPM under load.

The Midwest Stylus™ ATC’s Speed Sensing Intelligence (SSI) automatically optimizes the delivery of power, no matter the load, to provide smooth, consistent cutting power, no matter the load, to automatically optimize the delivery of power, no matter the load, to provide smooth, consistent cutting at constant speed, even under load, will make the dentist’s experience more efficient, effective and stress-free.

In addition to Speed-Sensing Intelligence and Superior Turbine Suspension, Stylus ATC offers these advantages:

- Most powerful air-driven handpiece available
- Exceptional swivel for freedom of movement
- Low pitch and tone for more relaxed Patient and Dentist
- Mdi and mid-size heads available for exceptional visibility
- Light weight for all-day comfort
- Regular and short shank bur compatibility
- Brilliant fiber optic light for superior illumination

STA: essential for cosmetic dentistry

The STA Injection System, a computer-controlled local anesthetic delivery or C-CLAD (Fig. 1), is not only great for single-tooth anesthesia but is also very useful for administering multiple-tooth anesthesia injections such as the palatal-approach anterior superior alveolar nerve block (P-ASA).

The P-ASA is a single-site palatal injection into the nasopalatine canal (Fig. 2), which can produce bilateral anesthesia to six anterior teeth and the related facial and palatal gingival tissues (Fig. 3) without causing collateral numbness to the patient’s upper lip, face and muscles of facial expression (Fig. 4). Patients have said they really appreciate this.

Using significantly less anesthetic, this easy-to-administer injection can take the place of at least four superapriceostal buccal infiltrations and a palatal injection.

It is valuable for cosmetic restorative dentistry procedures such as composites, veneers and crowns because you can immediately assess the patient’s smile line when the lip is used as a reference point.

The P-ASA is also useful for endodontic, periodontal and implant procedures. In fact, it is recommended as the primary injection for any or all of the six maxillary anterior teeth.

During administration and post-operatively, the P-ASA is a very comfortable injection for your patients because of the STA computer-controlled flow rate below the patient’s pain threshold, the use of minimal pressure and the ability to easily control the needle using the wand handpiece.

Check out the simple injection technique for the P-ASA on the STAis4U.com website.

Milestone Scientific asserts it’s easy to do, you’ll like it and so will your patients.

www.StylusATC.com