EMS Air-Flow Master: prophylaxis now also available for periodontal pockets

With the new Air-Flow Master from EMS, prophylaxis is entering a previously unexplored area. This instrument gives periodontal pockets a thorough cleaning by air polishing.

The kinetic energy, applied in a powder-air-water mixture, removes the biofilm down to the base of the pocket, brings about a sustained reduction in bacteria, firms the gum and reduces the pocket depth.

The patient benefits twice over because the procedure is not only more efficient, but also more comfortable than conventional curettes or instruments that scratch the tooth.

This “subgingival deep diving” uses a special single-use nozzle, combined with extra-fine grain Air-Flow Powder that is non-abrasive on the tooth surface.

The flat and tapered, slightly bent nozzle has three openings from which the powder-air-water mixture emerges in the subgingival area with gentle turbulence.

The special construction of the nozzles ensures that the powder is thoroughly washed out of the pocket, along with the removed biofilm, according to EMS. The nozzle is simply fitted onto the Perio-Flow handpiece, which has a magnetic holding device and can therefore be removed flexibly.

The Air-Flow Master does not simply take care of periodontal pockets, but also provides supra-gingival prophylaxis. Whether plaque or hard deposits — the Air-Flow handpiece “strokes” the tooth surfaces clean with the appropriate powder gently and selectively. In addition to the classic powder, EMS has developed a soft powder for more sensitive teeth.

And recently, patients have acquired a taste for this treatment. The classic powder is available not only in a “neutral” flavor, but also in cherry, black currant, tropical, lemon and mint flavors. Every flavor has its own color-coded ring, which is placed on the powder chamber so that it is clear at a glance which flavor is being used at any time.

The Air-Flow Master is operated exclusively through touch and therefore is very hygienic. The person providing treatment places one finger on the touch panel and controls the power and liquid functions from minimum to maximum by gently stroking over them. In addition, a fingertip is enough to switch between the Air-Flow and Perio-Flow applications.

The application currently in use lights up in fluorescent blue. Because of its smooth surfaces, the instrument is easy and hygienic to clean and thereby guarantees the highest hygienic standards, according to EMS.

More information is available at EMS Electro Medical Systems Corp.

Atlas Denture Comfort provides a lasting solution

Dentists often don’t look forward to having patients with dentures, according to Paul Homoly, DDS, president of Homoly Communications.

When asked why, he replied that the procedure leaves both dentist and patient feeling bereft of lasting solutions: there is continuous need for repeated visits to the dentist for adjustments; patients endure discomfort and, worse yet, experience difficulty with everyday functions such as speaking, chewing, and smiling or laughing. Even unwanted sounds may also be heard coming from the dentures, such as clicking or whistling.

All of this leaves people wearing conventional dentures feeling insecure and self-conscious. Denture wearers of any age could find themselves changing their daily routine—even choosing to avoid eating because of discomfort or embarrassment.

This is endured because the one alternative they may have — changing their conventional dentures for implant supported dentures — has historically been out of their reach because of high prevailing costs, painful and inconvenient surgical procedures or limitations in the width of their ridges.

Atlas® Denture Comfort™ is a simple solution that was developed by Dentatus USA. This affordable, one-hour, chairside procedure is soon to be the industry standard for securing and retaining either a patient’s new or existing dentures.

Atlas Implants, approved for marketing by the FDA, are suitable for retaining lower dentures economically, regardless of the patient’s age.

The Denture Comfort procedure consists of placing four Atlas narrow-body titanium alloy implants into the edentulous jaw anterior to the mental foramen. Then, Denture Comfort’s cushioning silicone — Tuf-Link™ — is expelled into the denture to fit snugly over and around the short, dome-shaped heads of the Atlas implants so that the denture can be securely and confidently retained.

The result is a comfortable fit and optimal retention — all without surgery, without bleeding, without hank-breaking expense!

Atlas Denture Comfort is the only system on the market today that eliminates the hardware typically associated with overdentures. The Atlas System uses no O-rings, no housings, no adhesives.

The unique Tuf-Link silicone line provides the retention to the implants for a stress-free denture, easy insertion, retention and removal.

This minimally invasive technique is easy for dentists to learn and implement, and will change the lives of your patients. Check out dentatus.com for upcoming hands-on workshops.

Included in the tuition are a patient education model, complete patient start-up kit and marketing tools to help you get started.