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 biokinetic energy, applied in a powder-air-water mixture, removes the biofilm down to the base of the pocket, bringing 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 supragingival 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 special 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, blackcurrant, 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.

For deep periodontal pockets: The Perio-Flow handpiece, the nozzle and the Perio Air-Flow Powder

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