

LET'S CHAT ABOUT GBT

EMS Dental



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Let's Chat about GBT! Scan the QR code to book a learning session with your GBT Expert today!



Our Alberta EMS (Electro Medical Systems) team had a blast getting to know those of you who attended the Alberta Team Summit in June. Whether you stopped by the booth, attended Professor Penny Hatzimanolakis' lecture, picked up one of our colorful bags, or modelled a classic GBT hat around the hall. We want to thank all of you for being an active component in the constant evolution and advancement of dental patient care.

For those who we did not get the chance to connect with, you might be wondering – What is the Guided Biofilm Therapy® (GBT) Buzz all about?!

GBT is a modern dental hygiene protocol that employs a minimally invasive and maximally preventative approach to significantly reducing bacterial count in the oral cavity. It offers the opportunity for effective and comfortable debridement, utilizing advanced technology to disrupt biofilm and remove calculus without causing discomfort or damage to enamel, dentin, implants, or restorative materials. [1-5]

This 8-step systematic and evidence-based protocol offers a predictable solution for biofilm management, with both the clinician and client in mind. Foundational methods of disclosing and patient education are united with state-of-the-art EMS technology to support patients oral and systemic health. [6,7]

Innovative Tools for Superior Care

At the core of the GBT protocol lies the EMS Airflow Prophylaxis Master® unit – a revolutionary device that has transformed the dental hygiene experience. The combination of EMS's Erythritol powder, the patented laminar flow technology of the AIRFLOW® handpiece, PERIOFLOW® handpiece and warm water; AIRFLOWING is the safest, most efficient, and comfortable way to disrupt biofilm from all surfaces in the oral cavity [8,9]. Additionally, the highly engineered EMS PIEZON® technology encompasses dynamic power regulation to achieve a minimally invasive, and maximally comfortable removal of calculus from all surfaces including implants.

The Hand of the Trained Professional

As powerful as any piece of equipment may be, the skilled hand of the professional using the device can make or break its' effect. In order to support practices in implementing Guided Biofilm Therapy®, EMS offers the opportunity to become GBT Certified. The goal of the GBT Certification process is to ensure that GBT practices across the country and the world are calibrated and benefiting from the full extent of the capability of the EMS Airflow Prophylaxis Master®. Enter – the Swiss Dental Academy (SDA), founded in 2005. The SDA is a team of high-level GBT Clinicians trained to support practices that have chosen to implement the GBT protocol with the EMS Airflow Prophylaxis Master.

In addition to initial and ongoing GBT training for the practice team by the Swiss Dental Academy (SDA), the GBT Certification process also includes the collection of several patient feedback surveys. The feedback from these surveys is a key tool in the optimization of the patient experience.

The Patient Experience

To date, over 278,000 patients have been surveyed worldwide following their GBT treatment in 13,082 GBT Certified Practices, using standardized questionnaires. Of these, 94 percent prefer GBT to conventional methods and therefore recommend it to family and friends. [10] Today's informed patients want effective and modern prophylaxis management in line with the science and state of the art technology at eye level with the dental team. The absence of pain, and the positive "experience" effect of gentle preventive treatment are also of significant importance for patient loyalty when scheduling recalls – and therefore also for the economic success of a practice. [11]

Revolutionize Your Hygiene Department

Dentistry has always been at the forefront of prevention, and we want to continue moving towards evidence-based technology to support the most comprehensive care for our patients. Guided Biofilm Therapy® is a game changing protocol giving your hygiene team the ability to provide a minimally invasive, efficient, and comfortable experience for patients to maintain their overall health.

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