

# A Revolutionary Periodontal Treatment



Under the dentist's direction, the Perio Protect Method™ allows the patient to use an FDA cleared medical device to deliver antimicrobial agents of the doctor's choosing to the source of the infection. Following a prescribed protocol, the infection is addressed and healing begins in a matter of days. The patient is able to sustain these healthy conditions by continuing to use the method as a homecare treatment.

## An Overview of The Perio Protect Method™

### How it works.....

The Perio Protect Method™ overcomes crevicular flow and delivers proven medications to the source of the infection. The method includes a custom tray prescribed by you, made by a lab registered with the FDA. The tray has a special patented seal that directs antimicrobial agents into the gingival sulcus, and the method maintains the medications in the gingival sulcus for a sufficient frequency and duration of time to allow the medications to control the pathogens causing the infection.

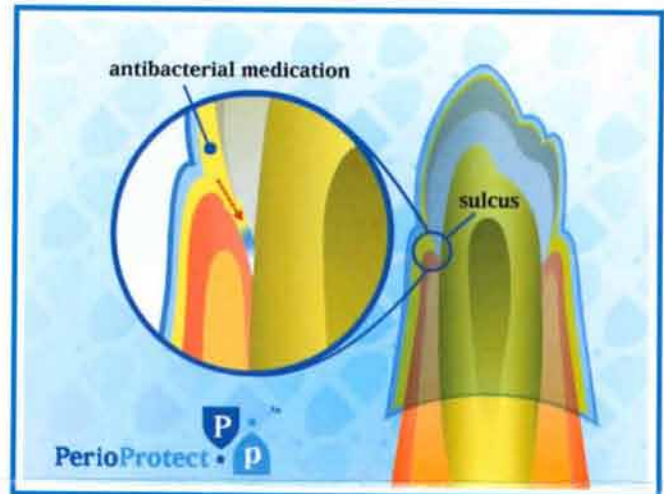
The Perio Protect Method™ requires a doctor's prescription and supervision, but patients follow the treatment protocol at home. The recommended medications delivered by the Perio Protect Method™ modify the biofilm, making brushing and flossing more effective. The medication also changes the nature of the calculus and tarter, making it easier to remove these with regular professional care.

Re-evaluation visits are scheduled to monitor the patient's health. As healing occurs, doctors alter the frequency and duration of time that patients wear their Perio Trays™. In many offices the hygienists manage the method under the doctors' supervision, freeing the dentist to provide optimal care to a greater number of patients.

Patients' response to treatment has proven to be extremely rapid and patient acceptance is exceptional. The patented Perio Protect Method™ offers not only an easy-to-follow and comfortable treatment program for patients suffering from periodontal disease, but it also offers a practical, long-term homecare system to manage the disease.

In order to benefit from the patented and custom-made Perio Trays™, a patient must visit a dentist licensed by Perio Protect LLC. You can obtain this license by attending a Perio Protect® seminar or reviewing a self-study Certification Program.

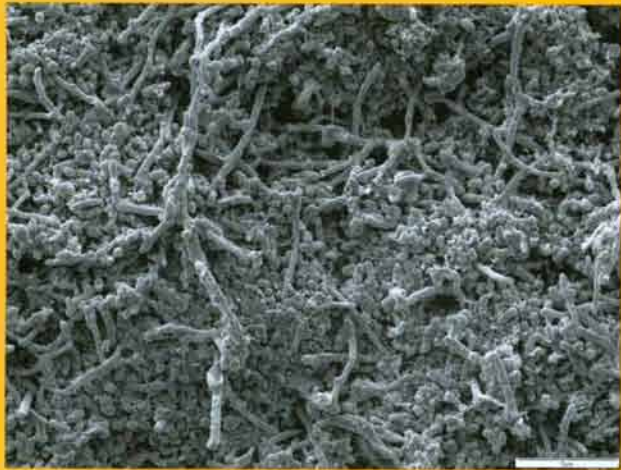
Since this is an FDA cleared medical device, it must be fabricated by a laboratory registered with the FDA to make these devices. The four laboratories registered in the U.S. with the FDA are Space Maintainers Laboratory of the Midwest; Inman Orthodontic Laboratory; Space Maintainers Laboratory of California; and Great Lakes Orthodontics, LTD.



The patented FDA cleared medical device illustrated above overcomes crevicular flow and delivers doctor prescribed medications to the source of the infection. The medications are able to

- Combat the bacterial infection
- Modify the biofilm
- End bleeding
- Decrease inflammation
- Promote gum healing
- Reduce periodontal pockets
- Make cleaning easier and less painful (S&RP)
- Inhibit collagenase activity
- Inhibit osteoclastic function
- Foster osteoblastic function
- Serve as antioxidants to overcome any oxygen radical problems
- Freshen breath
- Whiten teeth
- Provide positive feedback and promote success
- Provide LONG-LASTING results

# Introducing the Most Effective, Non-Invasive Treatment for Periodontal Disease



SEM image before treatment demonstrates a diverse grouping of obligate anaerobic appearing bacteria.



SEM image after 12 days of treatment demonstrates that the bacteria were almost completely missing.

One of the world's leading microbiologists used scanning electron microscopy (SEM) to evaluate the effects at the cellular level of the Perio Protect Method™ on subgingival biofilm infections.

In this clinical study, the direct application of medication using the Perio Tray™ radically modifies the microbial ecosystem of periodontal pockets so that only a few bacteria species and bacteria cells are capable of forming efficient microbial communities.

SEM cell counts at 17 days determined that **greater than 99.98% of the periopathogens were eradicated.** The remaining bacteria were determined by the microbiologist to be healthy bacteria that live in harmony with host gum tissue: actinomyces-like and aerobic cocci-like.

  
**PerioProtect** •   
Your solution for healthy™  
teeth and gums

This study completed by researchers at the University of Southern California School of Dental Medicine was presented at the March 2007 meeting of the ADEA/IADR annual meeting. Additional SEM evaluations are available at [www.perioprotect.com](http://www.perioprotect.com)

PerioProtect® Clinical Observations

Tetracycline Effect on Osteoclastic and Osteoblastic Activity JAGD 1995

Clinical observations of restored bone discovered while using this medical device indicate that the medications delivered according to the Perio Protect Method™ may stop bone loss and enable the repaired bone cells to pick up the medication and actually “help heal” the bone. The white layer of bone around these teeth at right was not observed in the pre-treatment radiograph.

As observed in the above slides, and as reported in the *Journal of the Academy of General Dentistry*, bone loss is reduced, while bone healing is observed. The Perio Protect Method™ enables you to treat the source of the infection to help eliminate the bacteria causing the disease and to maintain long term results.

**Perio Protect® clinical observations confirm these findings.**



*Before Perio Protect® treatment*



*After Perio Protect® treatment*