THE PERIO TRAY® BY PERIO PROTECT:
LOCALIZED ARCH DELIVERY INTO PERIODONTAL POCKETS
MAKES ALL THE DIFFERENCE IN PATIENT HEALTH
A Better Way to Fight Gum Disease

Treatment of periodontal disease presents us with many challenges, but effective homecare no longer needs to be one of them. Toothbrushes, rinses, and floss often fall short for patients struggling with the disease. Now there is an additional, more effective option that you can prescribe to help your patients restore and maintain their health.

The Perio Tray® from Perio Protect is scientifically proven to place medication deep into periodontal pockets, even ≥6 mm. The Tray is custom fabricated with an internal peripheral sealing system that corresponds to pocket probing depths. The seal prevents medication from leaking and directs it deep into pockets so the medication can fight subgingival infections.

Prescription Perio Tray® delivery is comfortable, practical and effective. Patients love it.

Become a Perio Protect provider today to help your patients and your practice.

1. Biofilm forms in a periodontal pocket.
2. The prescription Perio Tray® places medication into periodontal pockets. This technique can be combined with SRP and surgical therapies.
3. The goal is to restore oral health and assist with long-term management.
An Overview of the Perio Protect Method®

Perio Tray® delivery of medication makes effective oral biofilm management easier. The most commonly prescribed solution with the Perio Tray® is the oxidizing agent Perio Gel® with 1.7% hydrogen peroxide. The Perio Tray® places the gel deep into pockets and holds it there so the oxidizing agent can debride the slimy matrix covering the biofilm and dissolve the most exposed bacterial cells in the biofilms. As the biofilm communities that cause periodontitis decrease, inflammation begins to subside, and the host has new opportunity to heal.* When combined with debridement and scaling in clinical trials, Perio Tray® delivery led to more significant reductions in bleeding and pocket probing depths than debridement and scaling alone. For more information, visit www.PerioProtect.com/Research.

The Perio Tray® requires a doctor’s prescription and supervision with patients following usage instructions at home. For most patients, treatment is just minutes each day. Re-evaluation visits are scheduled to monitor the patient’s health, and doctors modify wearing times as conditions improve. With Perio Tray® delivery you can treat the full arch in all stages of disease, from early signs of gingivitis through advanced periodontitis. Intervening at the earliest stages gives you a pro-active approach to improve patient health and prevent tissue destruction. You may also help more severe cases reduce the scope of invasive procedures and the risks of bacteremia associated with mechanical intervention.

“The Perio Protect Method® will reduce the need for osseous surgery by more than 50%. This is revolutionary!”

Dr. Gary Wiele, Clayton, MO

Proven to Reduce Biofilms, Inflammation, and Pocket Depths

Microbiologists testing the debriding action of peroxide gels with LIVE/DEAD® dye studies showed that Perio Gel® with 1.7% hydrogen peroxide effectively debrided the gooey slime matrix of streptococcus mutans biofilms and the bacterial cell walls on the outer layers of the biofilm within 10 minutes. Repeated applications delaminate the biofilm layer by layer.

The hydrogen peroxide in Perio Gel® also releases oxygen into pockets, modifying the subgingival microenvironment. In vivo microbiological analyses show that regular applications of Perio Gel®, each application lasting 10-20 minutes, resulted in significant reductions in biofilm populations and prevented pathogenic bacteria from reforming efficient microbial communities.

Scanning electron microscope analyses of subgingival biofilms confirmed substantial decreases in bacterial populations and regrowth of bacteria that live in harmony with the host gum tissue: actinomyces-like and aerobic cocci-like bacteria. When you can manage the biofilm effectively, you can help manage the disease more effectively.


In human clinical trials, pocket depths and bleeding decreased significantly with adjunctive Perio Tray® delivery, both before and after SRP. These improvements are good news for all patients, but, for medically compromised patients for whom bacteremia is a real risk, the improvements before mechanical intervention are especially noteworthy.

Subject-wise analysis of whole-mouth pocket probing depths (in mm) for all pockets >5mm at baseline. Between-group comparison for change from baseline at 26 weeks: p=0.0002. For full details see Putt M. and Proskin H. Custom Tray Application of Peroxide Gel as an Adjunct to Scaling and Root Planing in the Treatment of Periodontitis: Results of a Randomized, Controlled Trial after 6 Months. J Clin Dent. 2013;24:100-107. Full article available at PerioProtect.com/research.
Research suggests potential candidates for Perio Tray® delivery include:

- Struggling maintenance cases
- Patients with active periodontal disease
- Medically compromised patients
- Fearful patients who decline mechanical or surgical care.

Patient had 4-6mm generalized pocketing with inflamed tissue. Treatment started with Perio Tray® delivery of medication to address the infection before mechanical therapy.

Two weeks after Perio Tray® delivery started, the tissue was healthier and the necessary mechanical treatments were easier to perform and more comfortable for the patient.

Photos courtesy of Dr. Rebecca Hobbs, MAGD. Augusta, GA.
The Perio Protect® Treatment Plan

Perio Tray® prescriptions fit perfectly into your current treatment protocols. Whether you are helping a struggling maintenance patient or want the healthiest tissue possible before mechanical intervention, Perio Tray® delivery can be easily used by your patients between office visits.

Patients describe Perio Tray® delivery as comfortable and convenient. Their response to treatment is so positive because they notice the difference within days. Immediate results that patients report include reduced bleeding, cleaner feeling teeth, and fresher breath. Over time patients also report whiter teeth.

Unlike any other conventional treatment available, the Perio Protect® approach offers a long-term, homecare system. Once the disease has been arrested, a simple maintenance schedule helps patients continue to manage oral biofilms for optimal health.

**PRE-TREATMENT**
100% BOP. 74% PPD 4-7mm.

**ONE MONTH LATER**
Treatment includes daily Perio Tray® delivery and debridement at week 3. Note, no scaling to date.

**FOUR MONTH RECALL AFTER SRP**
Patient used Perio Tray® delivery throughout treatment.

Photos courtesy of Craig E. Buntemeyer, DDS, PC. Tulsa, OK.
Helping Patients Keep Their Teeth

Researchers report that tetracycline in subclinical doses acts as an antioxidant and inhibits osteoclasts while allowing osteoblasts to continue to function. Case studies reveal that tetracycline delivered into the periodontal pocket may help repair bone.
Insurance Guidance

Perio Tray® prescriptions can be documented in your office with this CDT code:

**D5994 Periodontal medicament carrier with peripheral seal—laboratory processed.** A custom fabricated, laboratory processed carrier that covers the teeth and alveolar mucosa. Used as a vehicle to deliver prescribed medicaments for sustained contact with the gingiva, alveolar mucosa, and into the periodontal pocket.

D5994 should be used to document each arch, so list the code twice for two Perio Trays®.

**MEDICAL FLEXIBLE SPENDING ACCOUNTS (FSA)**

For patients with a medical FSA, Perio Trays® and the medicaments prescribed for use in them will often apply. The Perio Tray® is cleared by the FDA as a prescription medical device and the medications for use are often obtained with a written prescription.

The most important qualifying factor is that Perio Tray® delivery is prescribed for the prevention and alleviation of dental disease.
Perio Protect Training Options

Perio Protect® trainings include biofilm science, research involving Perio Tray® delivery, and case study presentations. This provider is authorized to confer continuing education units through the AGD PACE Program. Training formats include seminars, webinars, a self-study program, and personalized training. For full details, current schedules, or registration information, visit www.PerioProtect.com/TrainingOptions.

WITH PERIO PROTECT TRAINING YOU SHOULD

- Understand the formation of oral biofilms and host responses to them.
- Understand the benefits and limitations of antimicrobial and mechanical therapies for biofilm control.
- Learn how and why antimicrobials with oxidative/reduction reactions help control biofilms.
- Learn how to incorporate antibiofilm therapies into existing treatment plans.
- Understand when infected cells must be treated with surgery.
- Help patients augment homecare regimens to manage periopathogens daily.

For additional information or to schedule a live consultation, call 877-434-GUMS (4867).

Thank you for considering Perio Protect® treatment for your patients.
What Others Are Saying

“There is nothing else on the market that even approaches the results you get with Perio Protect®.”

Dr. Terry Ortman, Alton, IL

“There are many features of the Perio Tray® that are hugely beneficial – maintenance, minimizing surgery, geriatrics—but the absolute biggest benefit is it’s one of the few tools that helps with controlling bleeding.”

Dr. Bruce Cochrane, Fort Dodge, IA

“This is by far the best treatment out there.”

Dr. Robert Nisson, Henderson, NV

“Perio Protect® has lasting results and really empowers the patient to win a battle that has been lost by countless others for so many years. I can’t imagine treating periodontal patients without it any longer.”

Dr. Jack Fifield, McKey, KY

“I have treated periodontal disease since 1973 with deep scaling, traditional surgery, local anti-microbials, laser surgery and curettage. Nothing I’ve ever tried has been as successful in reducing inflammation and pocket depths as the Perio Protect® technique.”

Dr. Melba Bonelli, Marlton, NJ

“This treatment is the ‘secret weapon’ that I have been searching for my entire career to allow a patient to keep their teeth for a lifetime and to get serious control over the chronic and daily growth of oral bacteria.”

Dr. Greg Gist, Southlake, TX.

“With Perio Protect® there is less bleeding, firmer tissue, less tenacious calculus, reduction of pockets, and less decay.”

Debbie Madison RDH, Oklahoma City, OK

See more testimonials from both dentists and hygienists at www.PerioProtect.com/Testimonials.asp.