



The universe at your fingertips.

## TwinLight™ Periodontal Treatment

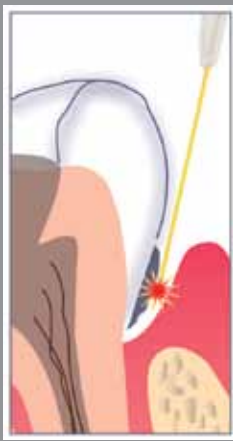
Want to expand your practise with periodontal treatments?

- No need to refer patients out to other specialists
- No scalpels, no sutures
- High success rates with no need to repeat procedures
- Minimal or no-pain procedure

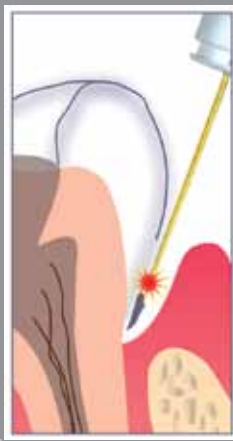
Available only with  
[www.lightwalkerlaser.com](http://www.lightwalkerlaser.com)



LightWalker®



Step 1: Nd:YAG removes the diseased epithelial lining.



Step 2: Er:YAG removes calculus from the root surface.



Step 3: Nd:YAG coagulates and leaves a stable fibrin clot.

## What is TwinLight™ Periodontal Treatment (TPT)?

TPT is a minimally invasive periodontal disease therapy combining dentistry's two best laser wavelengths: Er:YAG and Nd:YAG to significantly enhance treatment success rates and shorten recovery times.

### How Does TPT Work?

The TwinLight approach enables wavelength-optimized treatments for periodontal therapy (such as WPT™\*), which create the optimal conditions for healing periodontal tissues. What is more, TPT prevents infection and promotes reduction in pocket depths.

The procedure is performed in three simple steps:

**Step 1:** The Nd:YAG laser removes the diseased epithelial lining of the periodontal pocket and improves access to the root surface.

**Step 2:** The Er:YAG is used to thoroughly remove microbial biofilm and calculus from the root surface.

**Step 3:** The Nd:YAG laser energy is used to coagulate and helps to form a stable fibrin clot.

## Optimizing Dentistry's Two Best Laser Wavelengths

Utilizing both Er:YAG and Nd:YAG laser wavelengths in a treatment makes

optimum use of the unique laser-tissue interaction characteristics of each wavelength. For example, Nd:YAG laser energy is superior for coagulation and deep disinfection while Er:YAG is uniquely efficient at gently removing the infected surface tissue and calculus from the root surface. Combined, they can dramatically improve the outcome of laser assisted treatments, guaranteeing maximum safety and efficacy.

### Why is LightWalker Perfect for TPT?

LightWalker combines dentistry's two best wavelengths Er:YAG and Nd:YAG in one system. This allows the practitioner to quickly and conveniently switch between Er:YAG and Nd:YAG while performing TPT.

The TPT approach, available only with LightWalker, gives general dentists the confidence to treat their patients' moderate to severe periodontal disease the laser way, without scalpels and sutures. With LightWalker this has never been simpler. Its easy-to-use touch screen offers a menu of pre-programmed periodontal treatments. Pick the treatment and the laser automatically sets the optimum starting parameters.

## Exclusive Advantages of TPT for You and Your Patients

TPT is easy for any dentist to perform and has an unsurpassed treatment success rate compared to

conventional surgical methods. With easy-to-follow protocols and at-the-touch-of-a-button treatment settings, practitioners are able to treat patients who they previously had to refer out to specialists, with confidence and high success rates.

TPT is the most patient-friendly treatment of periodontal disease. The procedure is fast, minimally invasive, there are no scalpels or sutures and bleeding is minimal.

### Getting Started with TPT

The LightWalker training program is organized in cooperation with The Laser and Health Academy. During an intensive two-day workshop participants cover basic laser physics and gain an in-depth understanding of laser-tissue interaction. Hands-on sessions under guidance of laser dentistry experts help participants gain insight in the effects of Er:YAG and Nd:YAG on different tissues. Presentations and discussions are led by Laser and Health Academy Lecturers and cover dental therapies, which include TPT.

Fotona also works closely with AALZ (Aachen Dental Laser Center) in Germany. The AALZ, a leading international center for dental laser education, offers additional high level training to help you on your path to becoming a top laser specialist.

\*WPT is a TwinLight periodontal therapy developed by Fotona's partner Lares Research.