

# Advantages of TwinLight™ Periodontal Treatment

- Less invasive than conventional treatments
- Minimal or no-pain after procedure
- Extremely effective (gum-tooth reattachment, growth of new dental tissue)
- Quick recovery time
- Less chance of the gum disease returning

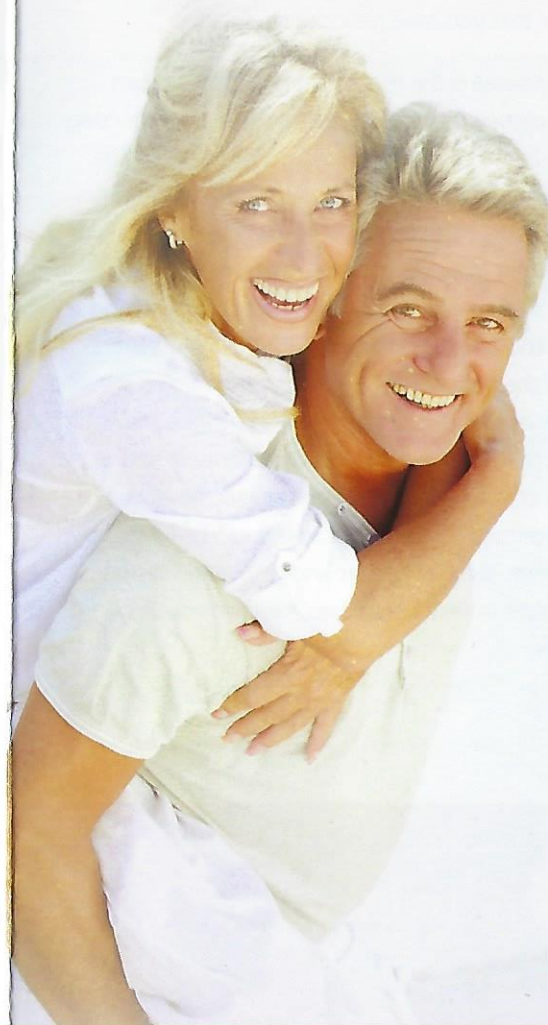


Over 75% of the U.S. adult population suffers from mild to severe periodontal disease. With the TwinLight™ Periodontal laser treatment, we can now offer you the most up to date solution available. If you suffer from periodontal disease, ask our friendly staff how you can benefit from this revolutionary treatment today!

**Fotona**<sup>®</sup>  
Ultra Performance Lasers™

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# TwinLight™ Periodontal Treatment



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<sup>1</sup> [www.fotona.com](http://www.fotona.com)

<sup>2</sup> Harris, D. M. et al., "Laser-assisted new attachment procedure in private practice," General Dentistry Vol. 52, No. 5, (2004).

<sup>3</sup> Raymond, A.Y. et al., "Histologic Evaluation of an Nd:YAG Laser-Assisted New Attachment Procedure in Humans", International Journal of Periodontics and Restorative Dentistry Vol. 27, No. 6, (2007).

# About Periodontal disease

Do you have red, swollen or sensitive gums? Do you have constant bad breath? Have your gums slightly moved away from the teeth? Do your gums often bleed when brushing? If the answer to any of these questions is yes, there is a good chance that you have periodontal disease.

Periodontal disease is the most common form of gum disease. It is caused by bacteria that reside in the oral cavity. Because the bacteria reproduce, plaque or tartar begins to form. If tartar is not cleaned regularly by your dentist, you develop gingivitis (swollen gums that bleed when you brush), and soon, this inflammation may extend to the bone under the gums (periodontal disease). If untreated it can cause tooth loss. Periodontal disease affects more than 80% of the population<sup>1</sup>. Even more alarming is the fact that the vast majority of people are unaware they are showing the first signs of periodontal disease and visit their dentist only when the disease is already advanced. Periodontal disease is serious because it can be linked to health problems such as: cardiac and respiratory disease, low birth weight in newborn babies, heart attack, stroke, osteoporosis.

## What is TwinLight™?

TwinLight™ Periodontal Treatment is a minimally invasive treatment for periodontal disease utilizing two proven laser wavelengths (Nd:YAG and Er:YAG) with very different clinical and therapeutic abilities. The two wavelengths along with the specific, refined capabilities of the LightWalker laser system are used in tandem to achieve new levels of success in the battle against periodontal disease.



TwinLight™ is a fast minimal to no pain, less-invasive than traditional treatment perio procedure

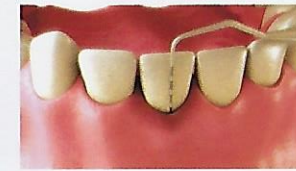
## Available Treatment

Conventional methods for treating periodontal disease involve cutting with a blade, aggressive scaling/root planing, and suturing; all of which may result in longer healing time and pain after the surgery.

Twinlight™ laser treatment of periodontal disease, on the other hand, is a much less invasive procedure resulting in quicker recovery time, has a higher rate of bacterial kill, no bleeding after the surgery, and less post-surgery pain.

No blade, no stitches, little to no post-operative pain!

## How TwinLight™ Works



### Step One

Measuring pocket depth



### Step Two

Gently inserting the fiber into the diseased tooth pocket



### Step Three

Laser light selectively removes the diseased tissue and affects the calculus on the root surface for easier removal, while leaving tissue healthy tissue intact.



### Step Four

Calcified plaque and calculus are then removed with the laser.



### Step Five

The laser coagulates the tissue, which once again connects to the root for healing and stabilization.

## Before & After



Before



Expected results after TwinLight™