

## Who is a candidate for LASER treatment?

Patients with moderate to severe gum disease can benefit greatly from LASER care. Laser treatment also provides an excellent alternative for patients who are fearful of conventional surgery, for there is no cutting and sutures are not necessary. Medically compromised patients on blood thinners do not have to discontinue their medication.

## What about patient discomfort and recovery compared to conventional surgery?

Some of the primary benefits of LASER surgery compared to traditional cut-and-sew surgery are:

- Less pain
- Less bleeding
- Less sensitivity
- Less gum loss
- Less swelling
- Minimal downtime following care
- Promotes regeneration of supporting gum tissues
- Less post-op infections
- Faster healing



1. Severe bone loss from periodontal disease
2. A recovered normal bone level following treatment

Dr. Sonick, Dr. Ma, Dr. Koo, and our knowledgeable, hospitable team in our state-of-the-art office in Fairfield, CT, strive to make every aspect of your time at our office comfortable and convenient. We are here to help you recover your smile, oral health, and self-confidence.



**Dr. Michael Sonick, Dr. Ray Ma,  
Dr. Stephanie Koo & Associates**

*Creating Beautiful Healthy Smiles for a Lifetime*



1047 Old Post Road, Fairfield CT 06824  
203-254-2006  
office@sonickdmd.com

[www.sonickdmd.com](http://www.sonickdmd.com)

# LASER THERAPY AND GUM DISEASE TREATMENT

*All you need  
to know*



**Gum disease, or periodontal disease,** affects 85% of adults. Because the disease progresses slowly and symptoms show up gradually over time, it is called a “silent” disease. Gum disease can be prevented and isn’t just a normal part of aging. It is a disease that can affect your entire body.

## Gum disease affects more than your mouth

Besides destroying the bone that supports your teeth, periodontitis can also affect your overall health. In recent years, study after study has shown that people who have gum disease have higher rates of:



HEART DISEASE



ALZHEIMER



DIABETES

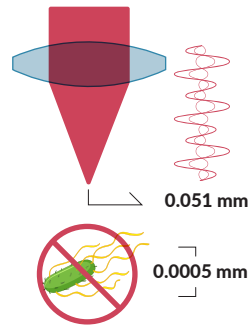


RHEUMATOID ARTHRITIS

Early diagnosis of periodontal disease can be treated by **scaling and root planing**. Traditionally, severe periodontitis treatment involves incisions and sutures. **LASER technology** is a minimally invasive option that leaves your gum tissue uncut and intact.

## How LASER works

The PerioLase is the only dental LASER approved by the FDA specifically designed for better periodontal health.

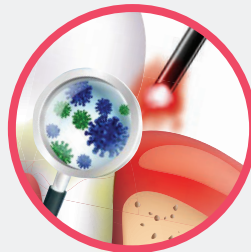


Laser periodontal therapy uses a small laser fiber, only as wide as three human hairs, to target bacteria and infected tissue, while not affecting healthy tissue. There is no bleeding or stitches, because no incisions are made in the gum tissue



The success of the LASER treatment is rooted in laser physics and the unique interaction between the tissue in the mouth and the variable pulsed wavelength that targets the diseased tissue. Once the site is clean; the laser interacts with the hemoglobin to create a stable fibrin clot.

**Periodontitis:** Laser therapy works in conjunction with traditional therapies. In periodontal laser therapy, the goal is to kill the bacteria, remove the inflamed gum tissue from around your tooth's root and also the tartar and plaque built up below and around the gumline.



LASER destroys bacteria and toxins that cause inflammation and gum disease



Cavitron is used to remove plaque and tartar from teeth



LASER is applied to create a stable fibrin clot

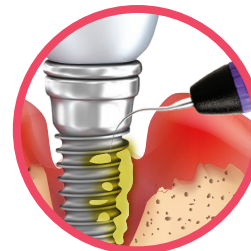


Without surgery, gums recover and get healthier

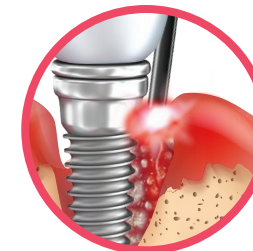
**Peri-Implantitis:** Implants themselves do not become diseased but the tissue around implants can become infected, similar to periodontal (gum) disease. If left untreated, the inflammation continues and the implant can become loose.



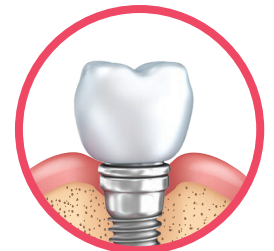
LASER vaporizes bacteria, diseased tissue and corrosion contaminants



Cavitron is used to remove plaque and tartar from implant



LASER forms a stable blood clot containing stem cells from your own bone



Weeks after treatment, implant is re-integrated into bone