



FAQs

Is laser treatment only for toenail fungus?

Laser treatment can be used for a number of dermatological conditions and physical therapy.

How frequent are the treatments?

Treatments consist of 3 treatments, 4 weeks apart. In most cases just 5 to 10 treatments are required for results, depending on the physical condition being treated.

How long is a treatment session?

Treatment sessions for most conditions are only 10-15 minutes.

How does the laser work? Does it use heat?

The Aspen Pinnacle does not work by heating the nail. The laser is a lower wavelength laser which causes increased oxygen levels in the skin.

Is Laser Therapy Treatment painful?

Because the Aspen Pinnacle Laser does not use heat, our patients have found that laser treatment easy to tolerate with no discomfort for any condition.



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**LASER
THERAPY**
TREATMENT
& BENEFITS

INNOVATIVE SOLUTIONS

FOR MORE INFO VISIT: www.StPeteFeet.com

TOENAIL FUNGUS TREATMENT

Most physicians use the laser with typical protocols and settings and treat the nails using heat to destroy fungus. In order for the heat to be high enough to kill fungus it must be very high and uncomfortable. Toenail fungus is highly resistant to this type of treatment and that is why topical medications alone don't work and even strong oral medications have a low success rate. Laser therapy provides drug free and surgery free painless treatment for many conditions.

ADVANCED TECHNOLOGY

Dr. Menendez now has the latest fungus nail technology. We strive to stay on the cutting edge of technology and to bring you the best new innovations for ugly toenails and toenail fungus. We offer the Aspen Pinnacle 30 watt laser for your toenail fungus treatment. The Aspen Pinnacle is a lower wavelength laser which causes increased oxygen levels in the skin and nail leading to fungal death.

We are the only podiatry office in Pinellas County offering such a device for toenail fungus and physical therapy treatment.

OTHER CLINICAL BENEFITS OF LASER THERAPY INCLUDE:

Anti-Inflammation

Laser therapy has an anti-edemic effect as it causes vasodilation, but also because it activates the lymphatic drainage system (drains swollen areas). As a result, there is a reduction in swelling caused by bruising or inflammation.

Anti-Pain (Analgesic)

Laser therapy has a high beneficial effect on nerve cells which block pain transmitted by these cells to the brain and which decreases nerve sensitivity. Also, due to less inflammation, there is less edema and less pain.

Accelerated Tissue Repair & Cell Growth

Photons of light from lasers penetrate deeply into tissue and accelerate cellular reproduction and growth. The laser light increases the energy available to the cell so the cell can take on nutrients faster and get rid of waste products.

Improved Vascular Activity

Laser light will significantly increase the formation of new capillaries in damaged tissue that speeds up the healing process, closes wounds quickly and reduces scar tissue.

Increased Metabolic Activity

Laser therapy creates higher outputs of specific enzymes, greater oxygen and food particle loads for blood cells.

Trigger Points & Acupuncture Points

Laser therapy stimulates muscle trigger points and acupuncture points on a non-invasive basis providing musculoskeletal pain relief.

Reduced Fibrous Tissue Formation

Laser Therapy reduces the formation of scar tissue following tissue damage from cuts, scratches, burns or surgery.

Improved Nerve Function

Slow recovery of nerve functions in damaged tissue can result in numbness and impaired limbs. Laser light will speed up the process of axonal regeneration, nerve cell reconnection, and increase the amplitude of action potentials to optimize muscle action.

Immunoregulation

Laser light has a direct effect on immunity status by stimulation of immunoglobulins and lymphocytes. Laser Therapy is absorbed by chromophores (molecule enzymes) that react to laser light. The enzyme flavomono-nucleotide

Faster Wound Healing

Laser light stimulates fibroblast development in damaged tissue. Fibroblast is the building block of collagen, which is the essential protein required to replace old tissue or to repair tissue injuries.