

Foot Pain Laser

MLS® Laser Therapy

Dr. Ginex is proud to be on the medical technological forefront by offering MLS Laser Therapy. He has invested in the very best technology as a key component of his continuing quest to offer you the finest in health care.

When a physical condition or injury affects mobility or quality of life, there is one goal: A rapid return to every-day activities.

Laser therapy has been cleared by the FDA and proven successful as evidenced by extensive and credible studies conducted in our country's finest institutions, including Harvard University. MLS Laser Therapy uses specific wavelengths of light that have a strong anti-inflammatory, anti-edema effect on tissues that are exposed to the laser. Painful conditions accompanied by swelling or inflammation benefit from this technology.

Photons of laser energy penetrate deeply into tissue and accelerate cellular reproduction and growth. As a result of exposure to the MLS Laser, the cells of tendons, ligaments and muscles repair themselves faster. As inflammation is reduced pain subsides very quickly. In simple terms, laser energy kick-starts the healing process, thereby speeding recovery.

There are no known side-effects! Laser therapy is cleared by the FDA and is safe and effective.

MLS Laser Therapy Effectively Treats Pain Associated With:

- Achilles Tendonitis
- Arthritis
- Diabetic Neuropathy
- Muscle Sprains & Strains Tendonitis
- Neuromas
- Neuropathies
- Plantar Faciitis
- Sports Injuries
- Tendon & Ligament Injuries
- Wounds Post-Surgical Swelling

MLS Laser Clinical Benefits

- Anti-Inflammatory Effect
- Analgesic Effect
- Accelerated Tissue Repair

- Improved Vascular Activity
- Increases Metabolic Activity
- Stimulation of Trigger Points and Acupuncture Points
- Reduced Fibrous Tissue Formation
- Improved Nerve Function
- Immunoregulation
- Faster Wound Healing

FAQs

What are the most common indications for therapy?

The most common MLS Laser Therapy indications are pain relief, degenerative joint disease, arthritic conditions, muscular/skeletal system trauma, and inflammatory conditions.

What wavelengths are used in the MLS Laser Therapy?

MLS Laser Therapy uses both the 808nm and 905nm wavelengths simultaneously. The 808nm wavelength is delivered using continuous emission while the 905nm wavelength is delivered using pulsed emission.

Why are two wavelengths used?

MLS Laser Therapy uses two wavelengths to overcome the limits of traditional Laser Therapy. Traditional Laser therapy does not deliver both wavelengths in a reinforcing and synchronized fashion. Continuous laser emissions act fast on inflammation, stimulating blood and lymphatic circulation and inducing fast re-absorption of fluid build ups; however they only have a secondary effect on pain, which is diminished after reducing the inflammatory process. Pulsed laser emissions, on the other hand, have a practically immediate effect on pain, since they are able to induce analgesia, interfering with the very transmission of the pain impulse to the higher brain centers, but they are less effective at treating inflammation and edema.

Is MLS Laser Therapy approved by the FDA?

Yes, the FDA has approved the use of MLS Laser Therapy and it is also patented via the U.S. Patent Office.

What is the advantage of MLS Laser Therapy over traditional low-level lasers? (LLLT)

MLS Laser Therapy is able to induce strong anti-inflammatory, anti-edema, and analgesic effects simultaneously and within a short period of time. LLLT cannot achieve these results because of the limitations of using one or two wavelengths that are not synchronized. The patented control system that generates the MLS pulse synchronizes the emissions to achieve results previously unattainable. Thanks to this characteristic synchronization, the various therapeutic effects not only take place at the same time but reciprocally reinforce each other.

What is MLS?

MLS Stands for Multi-wave Lock System. MLS is the name of the technology used that utilizes the patented combination of wavelengths.

Are Cutting Edge MLS Laser Therapy Lasers Class IV?

Yes, MLS Lasers are Class IV lasers with a peak power of 25 watts.

What is the depth of penetration of the MLS laser?

The depth of penetration varies due to tissue type, but it will penetrate 4-5 cm in most cases.

How many treatments are usually needed to get results?

Results can often be seen after the first treatment. Most conditions have protocols that range from 6-10 treatments. The treatments are cumulative and are delivered 2-3 times per week for 2-3 weeks.

How was MLS Laser Therapy developed and tested?

MLS Laser Therapy has been developed and tested following a strict course of biomedical and clinical research. The effectiveness of the combination of the emissions making up the MLS pulse was initially tested in vitro on cellular cultures, then in vivo on animals, and finally by means of controlled clinical trials run by major state-of-the-art health organizations for treating traumatic and degenerative painful diseases.