

10 Benefits of MLS® Laser Therapy

1. **Anti-Inflammatory:** MLS® Laser Therapy has an anti-edema effect as it causes vasodilation, but also because it activates the lymphatic drainage system which drains swollen areas. As a result, there is a reduction in swelling caused by bruising or inflammation.

2. **Analgesic:** MLS® Laser Therapy has a beneficial effect on nerve cells. It blocks pain transmitted by these cells to the brain which decreases nerve sensitivity. Also, due to the decreased inflammation, there is less edema and less pain. Another pain blocking mechanism involves the production of high levels of pain killing chemicals such as endorphins and enkephalin from the brain and adrenal gland.

3. **Accelerated Tissue Repair and 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 that the cell can take on nutrients faster and get rid of waste products. As a result of exposure to laser light, damaged cells are repaired faster.

4. **Improved Vascular Activity:** Laser light will significantly increase the formation of new capillaries in damaged tissue which speeds up the healing process, closes wounds quickly and reduces scar tissue. Additional benefits include acceleration of angiogenesis, which causes temporary vasodilation and increase in the diameter of blood vessels.

5. **Increases Metabolic Activity:** MLS® Laser Therapy creates higher outputs of specific enzymes, greater oxygen and food particle loads for blood cells.

6. **Trigger Points and Acupuncture Points:** MLS® Laser Therapy stimulates muscle trigger points and acupuncture points on a noninvasive basis providing musculoskeletal pain relief.

7. **Reduced Fibrous Tissue Formation:** MLS® Laser Therapy reduces the formation of scar tissue following tissue damage from cuts, scratches, burns or surgery.

8. **Improved Nerve Function:** Slow recovery of nerve functions in damaged tissue can result in numbness and impaired limbs. Laser light speeds the process of nerve cell reconnection and increase the amplitude of action potentials to optimize muscle healing.

9. **Immunoregulation:** Laser light has a direct effect on immunity status by stimulating immunoglobulins and lymphocytes. Laser emissions are absorbed by chromophores (molecule enzymes) that react to laser light. Upon exposure to the laser, the enzyme flavomononucleotide is activated and starts the production of ATP (adenosine-triphosphate), which is the major carrier of cell energy and the energy source for all chemical reactions in the cells.

10. **Faster Wound Healing:** Laser light stimulates fibroblast development in damaged tissue. Fibroblasts are the building blocks of collagen, which is the essential protein required to replace old tissue or to repair tissue injuries. As a result, MLS® Laser Therapy is effective post surgically and in the treatment of open wounds and burns.



Benefits of MLS Laser Therapy

- Non-Surgical Treatment
- No Known Side Effects
- Drug Free
- Rapid Results

MLS Laser Therapy treats the pain and inflammation associated with —

Achilles Tendonitis

Plantar Fasciitis

Neuropathy

Neuroma

Arthritis and Bursitis

Wound Healing

Work/Sports Injuries

Postsurgical Recovery

Sprains and Strains

Hematoma

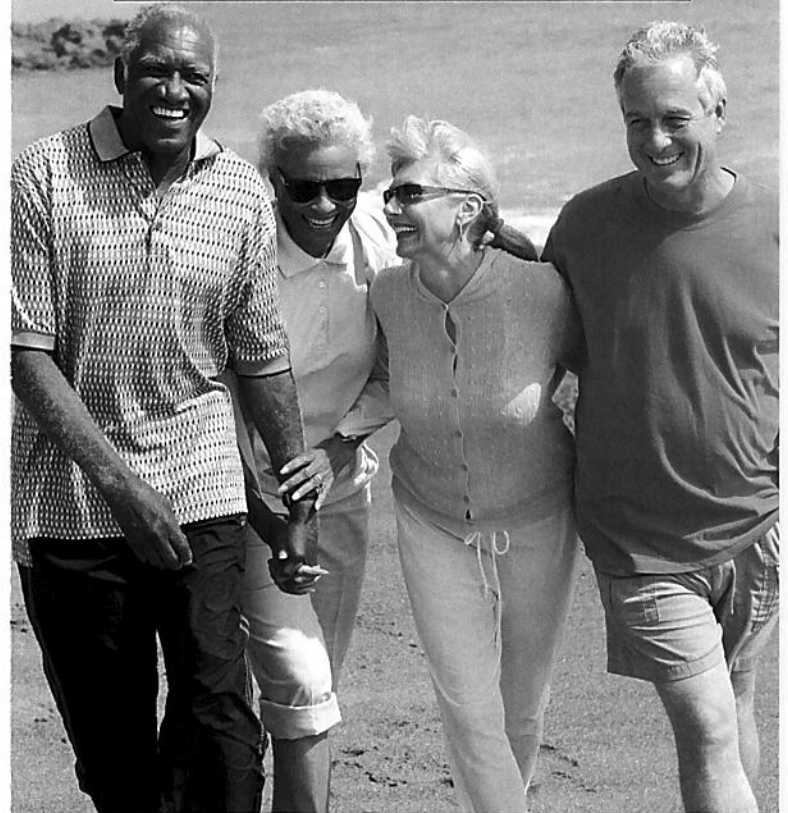
Tarsal Tunnel

... and more

Got Pain?

Get Better Faster.

MLS LASER THERAPY



Manage Pain. Reduce Inflammation. Restore Mobility.

With MLS Laser Therapy for Chronic and Acute Pain.

WHAT IS MLS® LASER THERAPY?



The FDA-cleared MLS Therapy Laser uses concentrated light energy to stimulate the body's own healing process to minimize pain, inflammation and arthritis and reduce recovery times so you can return to a pain-free life. By using specific wavelengths

and a patented delivery system, MLS Laser Therapy can speed up the process of relieving inflammation and pain associated with many conditions, including arthritis. The MLS Therapy Laser has a unique pain-relieving effect, which can be dramatic. Many patients feel significantly better in just a few treatments.

WILL MLS LASER THERAPY WORK FOR ME?

For 85-90% of patients with musculoskeletal pain, inflammation or arthritis, the answer is "Yes!" Most patients with pain, inflammation or arthritis report significant pain relief from MLS Laser Therapy treatments. Whether you have Achilles tendonitis, plantar fasciitis, neuroma, neuropathy, work or sports injury, or any other musculoskeletal pain, you are likely to benefit from MLS Laser Therapy. As a matter of fact, many patients who were scheduled for surgery were able to delay or cancel their surgery because MLS Laser Therapy alleviated their condition and reduced or eliminated their pain.

WILL IT HURT?

That's a great question. Through years of research and development, the MLS Laser was designed to treat conditions without an excessive thermal effect, often felt as heat. Most people report that they do not feel anything during the treatments. Occasionally, you may feel a slight warming sensation at the treatment site, which is normal and is an indication that the inflammation is being relieved and that your body is responding properly.



IS THE EFFECT LONG LASTING?

For most patients the answer is "Yes". While each person and each condition varies, many patients receive tremendous relief from their pain and inflammation when they go through a series of MLS Laser Therapy treatments. While most patients may not need additional treatments in the future, some conditions, like arthritis, are degenerative. The great thing about MLS Laser Therapy for arthritic patients is that once you feel better, you can be more active and it is this increased activity that helps minimize the long term effects of arthritis. Even so, you may need an occasional single MLS treatment every 4 to 6 weeks over the course of the year just to hold the inflammation at bay and keep the arthritic pain in check.