

High Intensity Laser Therapy

Non Invasive, Drug Free Approach

A Different Treatment Approach

A non-invasive, drug-free approach that treats the underlying cause of pain by actually repairing damaged cells.

The light energy is absorbed by your cells, triggering a process called photobiomodulation. This enhances cellular metabolism, increases blood flow, and reduces inflammation.



Relieves Pain, Promotes Healing

Understanding Laser Therapy

Some patients find it easier to understand laser therapy by comparing it to photosynthesis. In school, we learned that during photosynthesis plants convert light energy from the sun into chemical energy to fuel growth. In a similar manner, the body converts laser light energy into chemical energy to fuel cell growth and healing.

“ I came in with shoulder pain and after a few laser treatments, I saw clear improvement—especially in my golf swing. ~ Dwight ”

Conditions

Arthritis / Bursitis / Tendonitis

Neuralgia / Neuropathy

Headaches / Neck Pain

Shoulder Pain / Sciatica / Hip Pain

Low Back Pain

Tennis Elbow / Carpal Tunnel

Knee Pain / Plantar Fasciitis

Acute Sprains & Strains

Pre & Post Surgery Inflammation

High Intensity Laser Therapy

Relieves Pain, Promotes Healing

Speeds Tissue Repair and Cell Growth

Speeds up cellular reproduction and growth by starting DNA and RNA repairs inside of the cells. Cells of cartilage, bones, tendons, ligaments, nerves, and muscles are repaired faster as a result of exposure to laser light.

Softens Scar Tissue

After an injury, the body heals with a tight, fibrous network of scar tissue. Scar tissue is less elastic, has poor circulation, is sensitive to pain, is weaker, and is much more prone to re-injury. HILT can soften scar tissue enabling more movement and mobility.

Relieves Pain & Resets Chronic Pain Cycle

HILT increases the production of pain-killing chemicals, such as endorphins and enkephalins, from the brain and adrenal gland which resets the chronic pain cycle. The laser light reaches into the interneurons to reset pain memory. It doesn't erase it completely, but it acts as an analgesic to suppress the nerve signals that transmit the sensation of pain to the brain.

Improves Nerve Function

Accelerates the process of nerve cell regeneration and improves the communication between the nerves and the brain.

Reduces Swelling

Delivers an anti-inflammatory effect, as it causes vasodilation (expansion of blood vessels) and activation of the lymphatic drainage system. As a result, there is a reduction in swelling caused by stress, trauma, overuse, or systemic conditions.

Improves Blood Flow

HILT improves vascular activity, which increases the formation of new capillaries in damaged tissues and delivers more oxygen and nutrients to speed healing.



High Intensity Laser Therapy (HILT) is an FDA-cleared treatment option that is unique in its ability to penetrate through bone, soft tissue, and muscle to deliver healing light energy to the cells of the body. HILT can reduce pain, minimize swelling, soften scar tissue, and reset the chronic pain cycle - all while healing damaged tissues at the cellular level.