

MLS Laser Therapy Information

What is high power deep tissue laser therapy?

MLS Laser Therapy is a non-invasive, safe, and effective treatment modality where light is used to relieve pain, reduce inflammation and promote wound healing and soft tissue repair. Our laser is the only multi-wave locked system, dual wave, fully robotic laser therapy system on the market. This means deeper penetration with no heat produced allowing faster healing with no known side effects.

Why is laser different?

MLS Laser Therapy is a medical breakthrough therapeutic device with unparalleled applications and treatment outcomes. The laser works by converting light into biochemical energy, resulting in normal cell function, which causes symptoms (PAIN) to disappear.

The primary biological action of laser results from stimulation of cellular transport mechanisms in the mitochondria, cell membranes and epithelial tissues. This action causes the release of vasodilating chemicals, the stimulation of DNA and RNA (building blocks) synthesis, an increase in enzyme production, an increase of superoxide dismutase activity, normalisation of tissue Ph and increased ATP production. (Healing of the cells from the inside).

The increase of vasodilation (blood supply) and improved microcirculation will increase the supply of cellular nutrition promoting tissue repair and remodelling (which means you heal faster). Significant reduction in oedema (swelling) is also noted.

How is the treatment done?

The laser is fully robotic and placed 20 cm above the skin allowing the healing energy to penetrate tissue where it interacts with various intracellular bio-molecules resulting in the restoration of normal cell function. This also enhances the body's natural healing processes. In essence, light energy is converted into biochemical energy. Think of this like photosynthesis in plants.

The result is normal cell functions are restored. The process results in a disappearance of symptoms and increases the speed at which your body heals. Other effects include the immune system response is stimulated, lymphatic drainage is improved and the body's natural healing process are enhanced.

The beneficial physiological changes noted above are the result in tissue regeneration and cellular stimulation. This is possible because we are using the newest and most powerful laser technology available to help our patients live a pain free life.

Affordable, Effective Pain Treatment / No Know Side Effects