

LASER THERAPY

SHEDDING LIGHT ON SPORTS INJURIES

WHY LASER THERAPY?

Laser energy helps to repair damaged cells by accelerating the body's natural healing mechanisms.

- ✓ Non toxic/No side effects
- ✓ Offers quick relief from pain & inflammation
- ✓ Non-invasive & extremely safe
- ✓ Faster wound healing and closure



WHAT INJURIES DOES IT TREAT?

Most sports injuries that involve soft tissue damage can benefit from this treatment, but it is especially effective for tendon and ligament issues such as:

ANKLE
SPRAINS

PLANTAR
FASCIITIS

ACHILLES
TENDINITIS

BURSITIS

PULLED
MUSCLES

HOW IT WORKS:

1.



The device sends specific wavelengths of red light directly to the affected tissue.



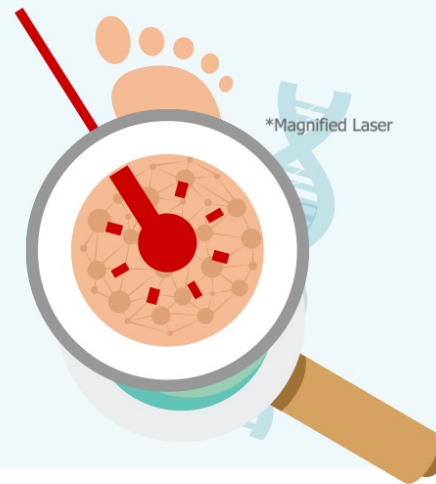
These wavelengths are non-thermal—there is no heat involved and no chance of burning the skin or other tissue.



2.



The light penetrates through the skin directly to the damaged cells. There it is absorbed by the mitochondria, which are the parts of the cell that use the glucose in your blood and transform it into adenosine triphosphate (ATP)—the form of energy used by cells for repair and growth.



3.



Laser therapy stimulates these mitochondria, which speeds up the rate at which they release ATP into the cell. The cells take up this energy and begin to repair themselves and divide, healing the damage and creating strong new tissue.



The advantage over other treatments is that you are merely stimulating your body's own healing mechanisms, rather than introducing drugs or chemicals into your system, or using injections or surgery to try to relieve your symptoms.



**IS LASER THERAPY
RIGHT FOR YOU?**

There are some conditions for which this light therapy is not advised, such as the presence of cancer or lesions on the skin, or use on pregnant women or children. However, if you are struggling to recover from sports injuries, contact Axis Foot & Ankle Clinic in Calgary, AB, to see if this treatment might help you heal more quickly.



CONTACT US:

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