

Conditions Treated with Therapeutic Soft Tissue Laser

Continued...

Other Applications

- Wound Healing
- Dermal Ulcers
 - Venous Stasis
 - Artherosclerotic
 - Contact
 - Diabetic
 - Traumatic
- Burns
 - Thermal
 - Chemical
- Lymphedema (acute & chronic)
- Dermatology
 - Herpes Zoster (shingles)
 - Eczemas
 - Psoriasis
- Gout/Arthritis
- Neuropathies (diabetic, etc.)
- Scar Ablation

Number of Treatments

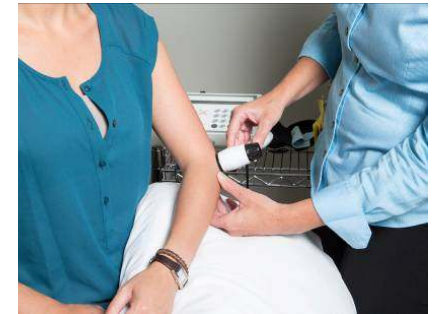
Treatment numbers and times vary from person to person. Generally, conditions that are less than three weeks old (acute) can see results in 3 to 9 sessions. Conditions that are over three weeks old (chronic) may require anywhere from 6 to 25 sessions to resolve the condition. In cases where open sores are being treated, results can be almost immediate. It is important to note that the best treatment time and frequency needed to treat your specific condition will be recommended to you during your consultation.

Price List

- Initial Consultation.....\$80**
- Performed by a Certified Athletic Therapist CAT(C), Licensed Physiotherapist or Registered Massage Therapist involves an orthopedic assessment, description of injury, patient education on structures involved & optimal recovery practices. Also included are recommendations on laser treatment time & frequency to ensure optimal healing.
- 10min laser treatment.....\$25**
- Open sores/wounds, burns/scars and isolated minor sprains/strains.
- 20min laser treatment.....\$40**
- Low back pain, neck pain, headaches, plantar fasciitis and tendon/ligament injuries
- 40min laser treatment.....\$60**
- Rotator cuff tears, carpal tunnel syndrome & contusions
- 60min laser treatment.....\$75**
- Extensive osteoarthritis and hip pain & some multiple injuries

**Prices subject to change
**Prices do not include GST*

Therapeutic Soft Tissue Laser



**For appointments call:
403-314-4458**

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Direct Billing Available!



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Therapeutic Soft Tissue Laser

Laser therapy is a safe, effective and painless therapy that uses the body's own natural healing systems to relieve pain, increase joint mobility, increase tissue integrity and promote cell regeneration. The light source is placed in contact with the skin allowing the photon energy to penetrate tissue, where it interacts with various intracellular biomolecules resulting in the restoration of normal cell function and enhancement of the body's healing processes.



As tissue damage arises only through thermal actions, our therapeutic laser is athermic, allowing for no appreciable heat transfer to the tissue. Our lasers use three very safe and effective wavelengths (660, 830 and 870nm) stimulating cells causing measurable effects in calcium ion channels, the production of proteins, fibroblasts, lymphocytes and leukocytes (Basford, the Orthopedics Journal).

It is the combination of our MedX Low Level Laser Therapy (LLLT) and Superluminescent Diode (SLD) that provides the balanced distribution of light energy needed to initiate these healing processes. The coherent, focused laser energy penetrates deeply to stimulate target tissue while the SLD delivers a non-coherent, broad beam producing evenly distributed visible red and infrared energy over a much larger area.

Biological Effects

Laser therapy works to stimulate the body's healing process in the following ways:

Tissue Repair

- Stimulates tissue repair at the cellular level resulting in accelerated tissue healing.

Anti-Inflammatory Action

- Reduces swelling caused by bruising or inflammation of joints to give enhanced joint mobility

Reduced Scar Tissue Formation

- Reduces the formation of scar tissue following damage from cuts, scratches, burns or post surgery

Rapid Cell Growth

- Accelerates cellular reproduction and growth

Increased Metabolic Activity

- Stimulates higher outputs of specific enzymes, greater oxygen loads for blood cells and thus a greater production of the basic food source for cells

Stimulated Nerve Function

- Slow recovery of nerve function in damaged tissue can result in numb areas. Laser therapy speeds the process of nerve cell reconnection to bring the numb areas back to life.

Increased Vascular Activity

- Increases nutrient delivery to damaged tissue through increased blood flow

Other Effects

- The immune response is stimulated
- Lymphatic drainage is improved
- Production of growth hormone is increased
- The histamine response is positively altered

Conditions Treated with Therapeutic Soft Tissue Laser

General

- Repetitive Stress Injury
- Carpal Tunnel Syndrome
- Rotator Cuff Tears
- Tennis Elbow
- Fibromyalgia
- Reflex Sympathetic Dystrophy
- Temporo-mandibular Joint Dysfunction



Injuries

- Ligament & Tendon Tears
- Fractures with Associated Soft Tissue Injuries
- Facet Joint Syndrome
- Bulging & Herniated Discs
- Contusions
- Subluxations

Inflammatory

- Tendonitis
- Myositis
- Synovitis
- Bursitis
- Plantar Fasciitis
- Rheumatoid Arthritis

Degenerative

- Osteoarthritis
- Chondromalacia Patella
- Discogenic & Vertebrogenic Radiculopathy
- Spinal Stenosis
- Calcifications (e.g. bone spurs)