

Low Level Laser Therapy

How Low Level Laser Therapy Works



Low Level Lasers are also called (**Cold lasers**) because there is no heat produced with this type of device, unlike the lasers used in surgeries. These lasers increase cellular energy and help produce faster cellular activities like cell reproduction and regeneration. The laser stimulates an increase in cellular mitochondrial ATP production, which enhances and moderates cell activity. The cold laser has a positive influence on cell proliferation, immune cell function and the lymphatic and vascular systems. The result is greatly improved wound and injury healing, in dramatically less time.

The effects produced by the laser are anti-inflammatory in response, reducing edema and acute swelling. Circulation and cellular metabolism is elevated in the treated area, thus reducing pain, increasing range of motion and improving overall mobility. The therapy also can decrease the sensations of pain experienced by nerves, and increases the energy in the cells, which stimulates them to replicate and heal at a much faster rate.

Cold lasers have been proven effective in reducing both acute and chronic pain. These laser have been used for a variety of health issues with great success. The Erchonia medical laser was the first Low Level Laser manufacturer to be given FDA approved marketing clearance for use in Pain Therapy for treatment of chronic neck and shoulder pain.

Clinical Conditions Responsive to Laser Therapy:

Chronic and Acute pain
Tendonitis problems
Tennis/Golfers elbow
Joint Sprains
Post-surgical/ Suture Sites
Burn / Abrasion Sites

Wound Healing
Non-Union Fractures
Musculoskeletal pain
Diabetic Neuropathy
Sports Injuries

Migraines
Scar tissue
Carpal Tunnel Syndrome
TMJ- Dysfunction
Rheumatoid/ Osteoarthritis

These lasers are being used with Professional Athletics Sports in all areas from Tiger Woods in golf to Lance Armstrong in his bicycling career and in several football teams and players ie.(Kansas City Chiefs, NY Jets) to name a few. These teams and players understand the importance of the improved speed of healing injuries in a sports realm. At Argyle Family Chiropractic we understand and support many athletic fields from gymnastics, football, volleyball, soccer, basketball, and baseball each with their own characteristic injuries and issues.