

QLASER



The QPack
Professional System

Low Level Laser Therapy

Tomorrow's Health Care Today

Low Level Lasers

Low level laser therapy is the application of laser light over injuries and lesions to stimulate healing within those tissues. Lasers are best known for their ability to cut, but **do not confuse low level lasers with cutting or high powered lasers - they are not the same!** Low level lasers, under various names such as cold laser, soft laser, biostimulating laser, photo stimulation and many others, have been used for over

30 years in many countries as therapeutic energy to bring about favorable biological effects in both animals and humans.

SAFETY

Over 2000 worldwide studies show that LLLT (Low Level Laser Therapy) is totally safe. The Q1000 low level laser is registered with the FDA as a Class I laser device based on research completed by Underwriters Laboratories (UL). Class I laser devices present minimal potential for harm to the user, and are generally classified by the FDA as **Non-Significant Risk Devices**.

USES & BENEFITS

Laser treatment is rapidly gaining acceptance by medical and health care professionals as a superior treatment methodology. It has been used successfully for the treatment of traumatic, inflammatory and overuse injuries, pain relief and healing of arthritic lesions, reduction of abscesses, and treatment of persistent non-healing wounds such as cold sores and ulcers. This type of therapy has also been used to prevent or minimize keloid formation and adhesions, to reduce edema, and to reduce pain from surgical and other treatments. Use of low level laser therapy can also encourage the formation of collagen and cartilage in damaged joints and the repair of tendons and ligaments. In addition, laser light can be used to stimulate acupuncture points in a non-invasive, pain-free manner.

Health care professionals have and continue to utilize low level laser therapy for:

- * Relieving Pain
- * Reducing Swelling
- * Controlling Inflammation
- * Speeding Healing

And to treat conditions such as:

- * Acute Tissue Damage
- * **Back Pain**
- * Burns
- * **Nerve Damage**
- * Tendon/Ligament Injury's
- * **Arthritis Pain & Inflammation**
- * Bone Healing
- * **Joint Problems**
- * Swelling
- * **And Much More!**

Please Note: neither the manufacturer of these products nor any company associated with their sale or distribution make or imply any medical treatment claims regarding their use.

How Does Low Level Laser Therapy Work?

Over 2500 clinical research studies have shown that low level laser therapy:

Reduces Pain

Enhances Lymphatic Drainage

Speeds Bone Repair

Is Antiviral & Antifungal

Helps Repair Damaged DNA

Reduces Inflammation

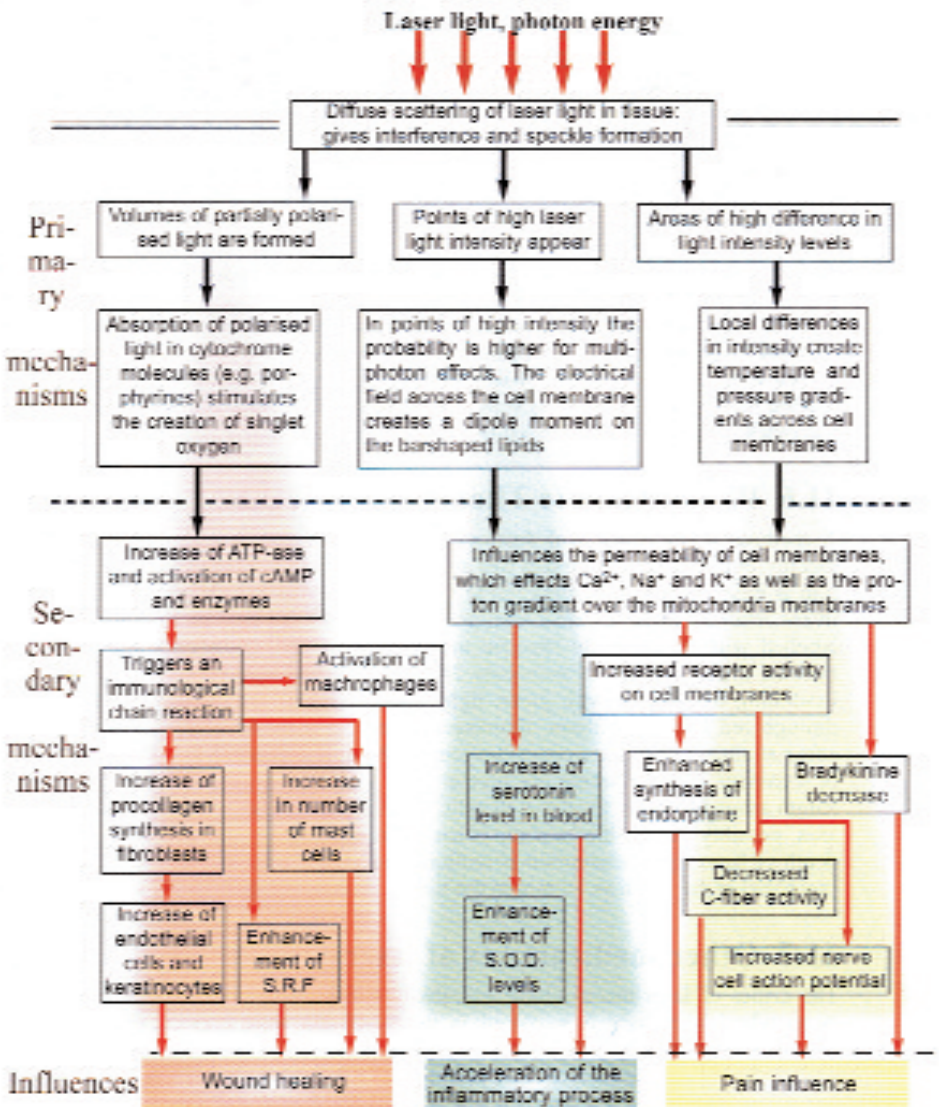
Releases Tight Muscles

Increases Cellular ATP

Repolarizes Damaged Cell Walls

Stimulates Healing Enzymes

Those of you with a more scientific background might find the following chart helpful in understanding more precisely how low level laser therapy works: (chart used with permission, see *Laser Therapy*, Prima Books)



A Low Level Laser For Harmonizing Soft Tissue & Organs



Totally unique in the laser world, the patented Q1000 has a list of features and benefits that competing products can only dream about!

12 true laser diodes

8 LEDs

7 Unique Wavelengths of Laser Energy

7 Treatment Modes Available

With A Total Of 63 Unique Frequencies

Programmable for New
Frequencies from 1-20,000 Htz.

Computer Controlled Output & Power Density

7.2 Volt Lithium-Ion Battery

The Only Laser On The Planet That Creates Penetrating Soliton Waves!

LifeTime Warranty Available

Large Application Size

And More!

The Q1000 is used for acute or chronic pain and inflammatory conditions.

With a small, "go anywhere" footprint, the Q1000 has more than twice the number of laser diodes ... and a much broader energy range than competing products.

Fact: The Q1000's patented process computerizes frequency and power density output, effectively "piggy-backing" the beneficial effects of the visible light onto the penetrating effects of the infrared light. This feature is unique to the Q1000!



Shown Full Size

Please Note: neither the manufacturer of these products nor any company associated with their sale or distribution make or imply any medical treatment claims regarding their use.

Two Lasers For Stimulating Hard Tissue & Bone

Because one laser ... even a patented multi-wavelength device like the Q1000 ... can't do everything, we offer the only low level laser therapy SYSTEM available, with all the tools you need for every health problem you'll ever encounter.

The **660 Enhancer** (shown full size at right) - is a 50mW "Red" laser that delivers approx. 6.6 joules of energy per 3 minute cycle and is useful for:

- * Non-invasive "needleless" acupuncture
- * Trigger point release
- * Myofascial release
- * Stubborn muscles
- * And in the dental area.



Both *Enhancer* Probes are powered and controlled by the Q1000

Please Note: neither the manufacturer of these products nor any company associated with their sale or distribution make or imply any medical treatment claims regarding their use.

The **808 Enhancer** (shown left at full size) - is a 500mW "Infrared" laser in a small hand-held probe the size of a large pen, that delivers approximately 54 joules of infrared energy each 3-minute cycle. This power and wave length laser has been reported as being beneficial for:

- * Controlling Bone Infection
- * Stimulating Bone Growth
- * Carpal Tunnel Syndrome
- * Cartilage Problems
- * Tendon Problems
- * Ligament Problems
- * And More!



Clinical Research Proves The Effectiveness Of Low Level Laser Therapy

Blood Pressure - the results from a group of 30 patients suffering from hypertension were positive in 80% of the patients. Laser Therapy. 1990:2(2):59

Tennis Elbow - complete pain relief and restored functional ability were achieved in 82% of the acute patients and 66% of the chronic cases. wJ Clin Laser Med & Surg. 1998:16(3):145-151

Fibromyalgia - 2/3rds benefitted from the treatment with regard to local pain, hypomobility and phlogosis. J Clin Laser Med Surg. 1997:15(5):217-220

Headache/Migraine - pain disappeared after 1-5 minutes. Proc 9th Congress Soc Laser Surgery and Medicine, Anaheim, CA, 2-6 Nov. 1991

Low Back Pain - treatment was effective in 71% of the laser group and 36% of the sham group. Lasers Surg Med. 1998 Suppl 10, p. 6

Rheumatoid Arthritis of the Hand - grip strength and movement were improved while swelling, pain and morning stiffness were reduced. Lasers in Medical Science, 1989; 4:193

Acupuncture - laser light can be used to stimulate acupuncture points in a non-invasive, pain-free manner. Dr. Melyni Worth, Ph.D., World Equine Veterinary Review, Vol. 3, No. 3, 1998

A Natural & Biological Therapy - the medical director of the Pain Clinic and Laser Centre of Lucerne, Switzerland, Zlatko Simunovic, M.D., F.M.H., writes: "Laser therapy is a natural and biological therapy, because even from early ages, man has considered the light of the Sun to be responsible for his health. Human kind simply cannot live without light, a fact proved by evident lack of light in the sick cell. Laser light restores health to just such an ailing cell." Lasers in Medicine & Dentistry, Chapter 1, pp. 20 & 21

Menstrual Pain - Takac treated 12 patients suffering from menstrual pain. Of the 12, ten were freed, entirely or in part, of pain and experienced greater regularity in their menstrual cycles. Treatment of Menstrual Pain With GaAs Laser Therapy. Dr. S. Taka, Yugoslavia, 1992.

Chronic Joint Disorders - we investigated if low level laser therapy (LLLT) of the joint capsule can reduce pain in chronic joint disorders. 565 patients were administered to the knee, tempromandibular or zygapophyseal joints. The results showed a mean weighted difference in change of pain on VAS of 29.8 mm (95% CI, 18.9 to 40.7) in favor of the active LLLT groups. Low level laser therapy with the suggested dose range significantly reduces pain and improves health status in chronic joint disorders. Australian Journal of Physiotherapy 49:107-116

Please Note: neither the manufacturer of these products nor any company associated with their sale or distribution make or imply any medical treatment claims regarding their use.

More Clinical Research

Periodontal Inflammation - the aim of this study was to examine the effects of irradiation with therapeutic (low level) laser or placebo on inflamed gingival tissue, in a double blind study with control on the same patient. There was a significant pocket reduction on the laser side as compared to the placebo side. The remaining clinical variables were also significantly reduced on the laser side. The additional treatment with low level laser had a positive effect on the periodontal inflammation. Swed Den J. Abstract Issue 2003

Wound Healing - all irradiated lesions presented acceleration of the healing process with regard to the control group. However, our results clearly indicate that the smaller laser intensity (uniform irradiation) lead to the best results. Rezende, S.B. Univ. of Sao Paulo (*Note: these results are consistent with the energy delivered by either the Q10 or Q1000 low level lasers.*)

Bone Regeneration - the results of the SEM study showed better bone healing after irradiation with the 830nm diode laser. These findings suggest that the use of LLLT at 830nm significantly improves bone healing at early stages. Schl of Dent., Unv Federal da Bahia, Salvador, BA

Carpal Tunnel Syndrome - low level laser therapy has been approved by the FDA as an adjunct treatment method for this condition.

Q1000 Helps Balance The Autonomic Nervous System - in a study of 100 patients, Dr. Yolin measured changes in stress index and in the Parasympathetic/Sympathetic Nervous system ratio as measured by heart rate variability. 100% of participants with a starting stress index ration of 0.9 or lower (1 = baseline) showed an improvement in stress balance, and 85% of participants with starting ratios of 1.1 or higher showed stress balance improvement.

Myofascial Pain & Trigger Points - numerous studies have supported the benefits of low level laser therapy for musculo-skeletal pain and dysfunction caused by tripper points (a common source of localized myalgic pain.) Practical Pain Management, Sept/Oct 2004.

For More Information Contact:

**QLaser Solutions of NE Georgia
James Servatius
706-621-9539
j.servatius@hotmail.com**

Please Note: neither the manufacturer of these products nor any company associated with their sale or distribution make or imply any medical treatment claims regarding their use.

Here Is What To Look For In A Low Level Laser Therapy Device

A Laser Therapy SYSTEM

Neither one laser ... nor only one wavelength ... can possibly do everything you'll need and want from laser therapy. Look for a system that combines multiple lasers offering both harmonizing/relaxing and stimulating levels of energy; multiple wavelengths (it's ridiculous to think that one wavelength can do everything); and multiple frequencies (wavelength & frequency ARE NOT the same thing).

Computer Controlled Output & Power Density

The body doesn't like fluctuating energy sources (the kind that result from non-computer controlled laser products) and tends to polarize against this energy ... resulting in poor (if any) results. Look for a system that precisely controls the output with on-board computers.

SAFE Levels Of Power

Too many manufacturers today are on the "more power, more power, more power" bandwagon ... thinking they have to force the energy into the body. Nothing could be further from the truth! A well engineered laser device will ensure that the energy gets to any point in the body while using completely safe and harmless energy levels.

Soliton Wave Technology

A soliton wave is a wave that occurs when two solitary energy waves meet. A soliton wave is actually 1/2 a wave that never changes shape or speed as it travels, and continues undistorted through objects such as water, air and the human body. Soliton Wave Technology eliminates depth of penetration issues and ensures that the laser energy gets to the point in the body it's needed.

Portability

Portability is more crucial in laser therapy than you might think. Why? Because, in cases of acute injury, your best results will occur when you can immediately laser the injured area. This is why we suggest our that clients never leave home without their laser - because you never know when an accident will happen.

Service, Support & "Made In America" Quality

Many laser manufacturers today are "fly by night" operations that weren't around a year ago ... and won't be around next year. Make sure you are investing in products from a company with a long track record of business success.

Lasers are complex pieces of equipment ... and like all electronics, may from time to time need repair. Make sure that the equipment you invest in has at least a two-year manufacturers warranty (a lifetime warranty is better). And forget about buying foreign laser products. You'll probably have problems getting them into the country ... and if they ever need repaired, it will be a nightmare!

Finally, if you are a professional, look for support in the marketing and implementation areas. After all, what good is a new laser device if you don't have help implementing it into your practice?

Fair Pricing

You shouldn't expect to get a top of the line laser product for chicken feed ... on the other hand, you also should not have to pay outrageous five-figure prices for this technology. Look for products that offer everything above with "reasonable" prices.