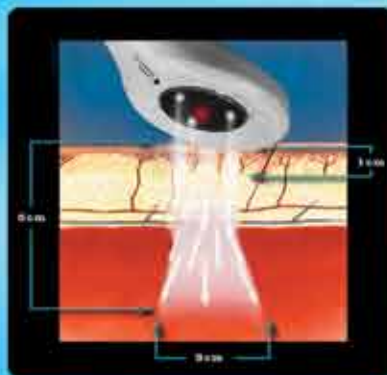


STOP THE PAIN

THE ML830® COLD LASER

The ML830® Laser was designed by a team of doctors and leading medical engineers to harness the therapeutic application of advanced low energy laser technology. The ML830® is a handheld, non-invasive, low energy, therapeutic laser. The ML830® produces infrared (invisible) laser light at the 830nm (nanometer) wavelength and is classified by the FDA as a Class IIIB medical device. In cooperation with General Motors and several other clinical investigators throughout the United States, it was proved that the ML830® is an effective tool in the battle of pain.



The ML830® is a GaAlAs Laser that has wavelength of 830 nm with a power output of 90 mw. At this wavelength and power the ML830® Laser has a penetration of approximately 5 cm with a 3 cm lateral spread.

HOW DOES THE ML830® WORK?

ML830® Laser is a non-thermal laser capable of penetrating deep into tissue. Once delivered, the light energy promotes the process of photobiostimulation. In human tissue the resulting photochemical reaction produces an increase in the cellular metabolism rate that expedites cell repair and the stimulation of the immune, lymphatic and vascular systems. The net result, observed in clinical trials to date, is the apparent reduction in pain, inflammation, edema and overall reduction in healing time.



The ML830® Laser was featured on CBS, "The Doctors"

What do these NFL players have in common?



The ML830® Cold Laser

The FDA Cleared ML830® Powers Patriots' Super Bowl Victory

In the week preceding the Super Bowl, Boston based registered nurse Ellen Spicuzza treated more than 10 Patriot players with cold laser therapy for tendon and muscle injuries. "I treated [Patriot wide receiver] David Givens, who had a locked up hamstring," Ellen Spicuzza said. "The laser released it."

Dr. Jason Kaplan at Wellington Disc Center in Wellington, FL:

"ML830 Laser is the best Laser on the Market. Class 4 Lasers sometimes cause Burns and are not that Safe to use. I have 3 of the ML830 Smart Lasers and they are the best lasers in the entire world. You can not argue with actual results, I highly recommend the ML830 Cold Laser"

GO TO **YOUTUBE** AND WATCH **THE ML830 IN THE NEWS**



Come and see how Cold Lasers are being used to treat and manage many of today's ailments

INTRODUCTION to Low Level Laser Therapy & The ML830® Cold Laser

STOP THE PAIN WITH A SAFE NON-INVASIVE TREATMENT

MICROLIGHT
Corporation of America

www.ml830.com
713-520-0668

THE HEALING POWER OF LASER LIGHT



FDA CLEARED

To treat Carpal Tunnel and to provide Muscle & Joint Pain Relief

What is LLLT?

LLLT (Low level laser therapy) is a painless, sterile, non-invasive, drug-free treatment which is used to treat a variety of pain syndromes, injuries, wounds, fractures, neurological conditions and pathologies. Laser therapy can be used any time a patient requests or needs a drug-less procedure for the control of pain, when conventional therapies have been ineffective, or when the acceleration of healing from in-juries is desired.



Around the world, laser therapy is rapidly becoming a medical therapy that can heal wounds and fractures up to 60% faster and also reduce the cost of treatment for many conditions.

In the U.K., LLLT has become the treatment of choice for soft tissue "whiplash" injuries and for the treatment of painful post-herpetic neuralgia (shingles pain).

How Does Laser Light Heal?

Healing with the use of light is not new. Light therapy was reported to be effective for many conditions by Hippocrates. With the development of the laser and its special properties, using light as a treatment has gained more popularity. This is because we can now use specific wavelengths of light and give accurately measured doses of energy directly to the appropriate treatment site, which was not possible with other light sources.

Laser therapy has been successfully used around the world for over 25 years, with no reported long-term or irreversible side effects.

Low level lasers supply energy to the body in the form of non-thermal photons of light. Light is transmitted through the skin's layers (the dermis, epidermis and the subcutaneous tissue or tissue fat under the skin) at all wavelengths in the visible range. However, light waves in the near infrared ranges penetrate the deepest of all light waves in the visible spectrum. When low level laser light waves penetrate deeply into the skin, they optimize the immune responses of our blood. This has both anti-inflammatory and immunostimulate effects. It is a scientific fact that light transmitted to the blood in this way has positive effects throughout the whole body, supplying vital oxygen and energy to every cell.

What to Expect During a Laser Therapy Treatment Session

For most people, laser therapy is quite passive. There are no pulsating shocks felt, as in forms of electronic stimulation, nor heat used as with ultrasounds. The most noticeable sensation is the touch of the probe head of the laser, as it comes in contact with the skin.

Some patients (3-5% of those undergoing light therapy) have reported a slight tingling or tapping in a nerve or along a nerve pathway. Some have noted that they are able to sense a slight feeling of warmth. But for the most part, the treatment, which may last from 2 to 20 minutes, is not noticed at all. Following (and even during) a laser therapy session, approximately 75-80% of patients being treated can notice an immediate improvement

in their condition. This will depend primarily on the type of condition and the length of time the condition has been present.

Generally, the more chronic or severe the condition, the longer it takes to respond. The majority of conditions treated will take anywhere from 4-5 or 10-18 treatments. Once again, the number of treatments depends upon the severity of the condition and its duration. If your condition does not change immediately, it may take 3-4 sessions before a dramatic or marked change is perceived.

Carpal Tunnel & The ML830® Cold Laser

Carpal Tunnel Syndrome (CTS) is a problem that affects the wrist and hand. If you have CTS, tingling and numbness can make even simple tasks hard to do. However, CTS can be treated, and your symptoms can be controlled. Reading this will help you better understand how Low Level Lasers can help you.

Non-Operative Carpal Tunnel Treatment

One of the most fascinating and used healing advances is the ML830® low-level laser. On Feb. 11, 2002, the U.S. Food and Drug Administration cleared the ML830™ Cold Laser to be used in the non-surgical treatment and management of CTS.

The Physiological Effects of LLLT

- ❖ Biostimulation, including improved metabolism & increased cell metabolism
- ❖ Improved blood circulation and vasodilatation
- ❖ Analgesic effect
- ❖ Anti-inflammatory and Anti-edematous effects
- ❖ Stimulation of wound healing

Benefits of LLLT to Users

- ✓ Relieves acute and chronic pains
- ✓ Increases the speed, quality and tensile strength of tissue repair
- ✓ Increases blood supply
- ✓ Stimulates the immune system
- ✓ Stimulates nerve function
- ✓ Develops collagen and muscle tissue
- ✓ Helps generate new and healthy cells and tissue
- ✓ Promotes faster wound healing and clot formation
- ✓ Reduces inflammation

Applications of LLLT

According to published Medical Reports, many acute and chronic conditions may be improved or eliminated with laser use; including:

- Acupuncture Points
- Arthralgia/Arthritis
- Back Pain
- Bursitis
- Carpal Tunnel Syndrome
- Fibromyalgia
- Herniated/Bulging Discs
- Knee Pain
- Injuries
- Migraine Headaches
- Muscle Pains/Spasms
- Neck Pain/Whiplash
- Neuralgia
- Nerve Pain/Radiculopathy
- Plantar Fasciitis
- Post-Operative Pain
- Sprains/Strains
- Swelling
- TMJ Pain/Dysfunction
- Tendonitis
- Tennis Elbow
- Trigger Points
- Wound Healing



ATC | DVM | CHIRO | MD | PT

COLD LASER TODAY

RADIO SHOW

www.blogtalkradio.com/coldlasertoday
HOSTED BY MIKE BARBOUR

FREE "ON DEMAND" SHOWS FEATURING INTERVIEWS WITH PATIENTS & CLINICS



"The ML830® is the best modality for sports injuries I have ever used."
Donna Jones, Athletic Trainer
Texas A&M University, College Station, TX



"I've found the ML830® to be extremely useful in treating trigger points, sprains /strains in muscles & joint pain."
Dr. Robert (Bob) Wilborn, DC
Parker Chiropractic College
Dallas, TX



"The ML830® Laser has been an important tool in my last 10 years of treating chronic pain patients in my practice."
Dr. Tom Watson, DPT
Rebound Physical Therapy
Bend, OR



"Laser Trigger Point therapy is the future for treatment of acute and chronic pain. The ML830® has changed the way I practice medicine"
Dr. Bernard Filner, MD
Pioneer in Laser
"Trigger Point" Therapy