

## ALL COLD LASERS ARE NOT CREATED EQUAL

If you have ever been interested in getting a cold laser or low level laser, but not sure which one to buy, then you owe it to yourself to read the following. **SWL NOW FDA CLEARED!**



### INTRODUCING: The Scalar Wave Laser (SWL)

**The Scalar Wave Laser has OTC over the counter FDA Clearance.**

It combines the most advanced cold laser technology with state of the art quantum scalar wave technology to address all facets of health, dis-ease and addictions. While most lasers are limited to square wave forms and analog technology, **the Scalar Wave Laser is fully digital and utilizes multiple wave forms including:**

- Sine waves, • scalar waves and • square waves. Use a combination of all three or choose just one. With this laser you get much more for less money. A total of 180mW of power spread over 2.5 inches surface area with 36 diodes (16 laser diodes in red and infrared and 20 LEDs). This is an ultra-portable, multi-wavelength, resonating cluster laser with 3 optional stimulating, pulsed laser probes.

While most lasers have limited, preset or no frequency capabilities, the Scalar Wave Laser is fully digital and infinitely programmable to any frequency you desire. Plus it comes with 110 easy to use menu driven preset frequency settings to address most conditions from skin and bones to organs and glands and everything in between.

**See Scalar Lasers Online:** <http://quantum-healing-lasers.com/scalar-wave-laser.html>



This is quickly becoming the most sought after cold laser or low level laser system in America. You can't possibly treat all conditions with one wavelength, but with 3 wavelengths, a lg. cluster & 3 probes you can treat a wide range of conditions.

**SCALAR WAVE LASER (SWL) PRICES: SWL NOW FDA CLEARED!**

**The Scalar Wave Laser Price is \$3300**

It features 180mW of power spread over 2.5 inches surface area with 36 diodes (8 red laser, 650 nm, 5mW diodes, and 8 infrared laser, 780 nm, 5mW diodes and 20, 5mW Violet LEDs). Plus you also get a battery charger, carrying case, DVD, user manual, protocols manual, 1 yr. wty., money back guarantee \* & Free Fedex shipping.

**Currently there are 3 OPTIONAL Pulsar Laser Probes available:**

● **780 nm Infrared 100mW**      **\$1500**

For Pain, Musculoskeletal System, Hard Tissue, Bones, Teeth, Tendons, Ligaments, Smoking Cessation and Weight Control

● **650 nm Red 100mW**      **\$1500**

For Pain, Inflammation, Scar Reduction, Wounds, Burns, Skin Care, Wrinkles, Acne

● **405 nm Violet 100mW**      **\$2900**

For Anti-Aging, Pain Relief, Acne, Wrinkles, muscles, and nerves. The 405 nm Violet carries more information than all the other wavelengths and works at all depths and is a top performer when it comes to pain relief, fighting bacteria & infections and supporting the healing of skin lesions. (Compare with famous brand 5mW violet laser at \$17K) There is no comparison. This SWL violet probe gives more power, more frequency setting and more value period!

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**Each Pulsar Probe is fully programmable with the WaveStar all digital user interface. Each probe contains the proprietary violet crystal technology and is scalar wave enhanced.**

At Health Is Wealth Maui LLC we are specialists in the field of cold lasers for all facets of cold laser therapy. If you have any questions in these areas we would be happy to help you. The Scalar Wave Laser is our most advanced and professional cold laser system, developed from the culmination of over 30 years of research.



### **Scalar WaveStar Laser Package I Includes:**

- 1 Scalar Wave Laser system featuring 16 red and infrared laser diodes and 20 violet LEDs, with fully digital cell phone like user interface, allowing self inspired quantum programming, Rife or Nogier Frequencies, plus a menu with over 100 preset frequency settings for quick, easy treatment of the most common conditions.
- 1 780 nm Infrared 100mW Pulsar Probe
- 1 650 nm Red 100mW Pulsar Probe
- 1 405 nm Violet 100mW Pulsar Probe
- Custom Carrying Case
- Users Manual
- DVD of the Scalar Wave Training Process
- Battery Charger
- 1 Year Warranty
- Money Back Guarantee \*
- Free Fedex Shipping

**Deluxe Package Price: \$9200 – \$300 Discount. SAVE \$300**

**Deluxe Package Sale Price: \$8900**

Deluxe Pro Pack/Family Scalar Wave Laser Package II  
(Same as above with 2 Scalar Wave Lasers). \$11,500

**See Scalar Lasers Online:** <http://quantum-healing-lasers.com/scalar-wave-laser.html>



## The Scalar WaveStar Laser Package II

Features a full set of 3 Pulsar Probes AND 2 Main Unit Scalar Wave Lasers. This Package II is for Professionals and families who want to maximize their time and efficiency with the most versatile healing tools of all time.

**On sale for \$11,500.** Deluxe Package II Regular Price: \$12,500.  
**SAVE \$1000.**

**The Complete WaveStar Scalar Laser Package II will arm you with the greatest laser system ever designed for addressing the largest range of treatment options.**

### Scalar WaveStar Laser Package II Includes:

- **2 Scalar Wave Laser systems, each featuring 16 red and infrared laser diodes and 20 violet LEDs, with fully digital iPod like user interface, allowing self inspired quantum programming, Rife or Nogier Frequencies, plus over 100 preset modes for quick treatment of the most common conditions.**

- **1 780 nm Infrared 100mW Pulsar Probe**
- **1 650 nm Red 100mW Pulsar Probe**
- **1 405 nm Violet 100mW Pulsar Probe**
- **Custom Carrying Case**
- **Users Manual**
- **DVD of the Scalar Wave Training Process**
- **Battery Charger**
- **1 Year Warranty**
- **Money Back Guarantee \***
- **Free Fedex Shipping**

**Deluxe Package Regular Price: \$12,500**

**Deluxe Package Sale Price: \$11,500 (SAVE \$1000)**

**See Scalar Lasers Online:** <http://quantum-healing-lasers.com/scalar-wave-laser.html>

**Order today and become the proud owner of the Bently of Cold Laser Healing Systems.**

**\*30 Day Money Back Satisfaction Guarantee**

**(minus restocking fee)!**

**Free Fedex Shipping.**

**If you have questions or wish to place an order,**

**Call Toll Free at: 1-888-824-7558**

If you are not completely convinced that this is the laser system for you, you can learn more about the Scalar Wave Laser Technology online. Here are 4 links that will help you to become more informed about the Scalar Wave Laser Light Therapy Systems:

<http://quantum-healing-lasers.com/scalar-wave-laser.html>

<http://blog.healthiswealthmaui.com/alternative-medicine/discover-scalar-wave-laser>

<http://blog.quantum-healing-lasers.com/cold-laser/scalar-wave-laser-revealed>

<http://coldlasernews.com/all-about-frequency-medicine-erchonia-and-the-scalar-wave-laser/>

**The Scalar Wave Laser is revolutionizing the way people and practitioners approach healing, pain management, rehabilitation, anti-aging, addictions, smoking cessation, weight control and much, much more. Now you can get on board with this rapidly growing light therapy revolution of complimentary health care.**

**Place your order today.**

**Call Toll Free: 1-888-824-7558**



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## **Cold Laser Uses, Benefits & Validity**

**Following is a compilation of research & data, gathered from the daily use and study of cold lasers used world wide, which reveals the profound value of LLLT for use in countless therapeutic applications:**

**Low level laser therapy (LLLT)** is the application of laser light over injuries, lesions, burns, wounds, pain, inflammation and other disorders to stimulate healing within those tissues and cells. Lasers are best known for their ability to cut, but do not confuse Lasers for Healing, Cold Lasers or Low Level Lasers with cutting or high powered lasers! Low level lasers, under various names such as, cold laser, soft laser, biostimulating laser, photo stimulation diodes and many others, have been used for over 40 years in many countries as therapeutic energy devices to bring about favorable biological effects in both animals and humans.

**“In Europe, Canada and Australia,** where laser treatment is a well accepted methodology, it is being used for 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. Healing with light and use of low level laser therapy can also encourage the formation of collagen and cartilage in damaged joints and the repair of nerves, tendons and ligaments. In addition, laser light can be used to stimulate acupuncture points in a non-invasive, pain-free manner.”

Low Level Laser Therapy Provides New Treatment Possibilities,  
*Dr. Melyni Worth, Ph.D, World Equine Veterinary Review, Vol. 3, No.3, 1998*

## How Does Low Level Laser Therapy (LLLT) Work? AKA Cold Laser Therapy

According to **Low Level Laser Therapy** by Jan Turner & Lars Hode (Prima Books), low level laser therapy:

- Reduces pain by causing the production of natural pain killer endorphins.
- Reduces inflammation by suppressing inflammatory enzymes that create swelling, redness, pain, and heat and enhances the release of anti-inflammatory enzymes.
- Enhances lymphatic drainage, which increases circulation and speeds healing.
- Stimulates the release of helpful healing enzymes.
- Releases tight muscles (both smooth and striated) that create chronic pain, joint problems, and decreased mobility.
- Speeds bone repair by stimulating fibroblastic and osteoblastic proliferation.
- LLLT in the correct frequency appears to be antiviral, antifungal, and antiherpetic.
- Laser irradiation of tissue cultures has shown that units of light energy (photons) are absorbed by enzymes, which react to light within the cell. Visible red light is absorbed within the mitochondria and the infrared light is absorbed at the cell membrane.
- In a mammalian cell, this results in a change in membrane permeability, increased ATP levels and increased DNA production. The photons picked up by the cell membrane result in improved membrane stability and increased activity of the ATP dependent Na/K pump. Because cell metabolism is influenced by Na/K movement across the membrane, increasing the gradient will affect the flow of ions and hence the overall metabolism of the cell.

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- On a tissue level, it has been shown that irradiation by laser light results in increased collagen and epithelial production and production of new capillaries and an increase in density of the capillary bed.
- Reduction of pain and inflammation results from this treatment, as does the stimulation of nerve regeneration, muscle relaxation and atonicity (lack of muscle tone). There is also an indication that laser light therapy helps to increase the immune system response.

**Low Level Laser Therapy Provides New Treatment Possibilities,**  
Dr. Melyni Worth, Ph.D, World Equine Veterinary Review, Vol. 3, No.3, 1998

**FACT: Osmosis (transfer) of essential nutrients cannot occur across the cellular membrane of a de-polarized (sick) cell. Consequently, delayed healing, chronic disease, scars, fatigue, and accelerated aging is observed! LLLT reenergizes (repolarizes) injured cell membranes and increases the mitochondria energy by 150%, which speeds and improves the healing process!**

- Red light aids in the production of ATP in cells, which increases cellular health and energy. The radiation (energy) in normal cells stimulates adjacent cells to divide in the normal process of regeneration and healing. Laser light stimulates abnormal tissue to activate normal inter-cellular radiation, thus stimulating the normal healing process to start again. The photons produced by laser light normalize tissue by activating enzymes within cells. Once activated, enzymes within a cell trigger a chemical reaction in which more enzymes are activated in a domino-type effect. Low Level Laser Therapy has no effect on normal tissue. Photons will only be absorbed by cells that need them.

**Holistic Bird Newsletter**

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## Photobioactivation – Light is energy of life

Photobioactivation is a term applied to a light stimulus that initiates and/or accelerates a physiological response. Other stimuli used in medicine, for example, are temperature, ultrasound, electrical power, electromagnetic fields, etc.

Laser Therapy was discovered in the 60's. Today, thousands of clinical evaluations and over 300 double blind studies confirm its efficacy in numerous therapeutic applications including the following:

- Wound healing (formation of granulation tissue, epithelization, improved trophic condition)
- Anti-inflammatory effect (enhancement of immune response)
- Analgesia (pain relieving)
- Improvement of regenerative processes

These effects can be observed in dermatology, neurology, surgery, rheumatology, traumatology, orthopedics, gynecology, urology, dental medicine and veterinary medicine etc.

Laser Therapy devices (Low Level Lasers up to approx. 500 mW (milliwatts) power output) do not have a thermal effect. This means they provoke no immediate visible skin reactions or sensations during therapy. Laser Therapy is a soft therapy without side effects. This contrasts the use of surgical application of LASERS, which coagulate, vaporize and carbonize tissue with their high-energy rates (<3 to <50 Watts).

## Photochemical Effect

The laser energy is absorbed by metabolically active pigments of the mitochondria in various cutaneous and subcutaneous layers: here involved are the two enzymes of the oxidation chain, Cytochrome a/a3 and Flavoprotein with absorption maxims of wavelengths applied.

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It is supposed that the changes in the stereochemical conformation induced by an electro magnetic field leads to an increase in activity and improves the concentration of ATP by up to 200%. In addition, an increase in oxygen and glucose metabolism is observed. The main effect is an optimized function of the Na-K pump at the cell membrane, an increased protein synthesis (prostaglandin, enzyme) and a significantly higher rate of mitosis.

Depending on the stimulated type of cells, the following cell physiological reactions are observed:

### **Regenerative Effect**

- Enhanced fibroblast formation and collagen synthesis with improved tissue strength values
- Neovascularization of lymphatic and blood vessels as well as vasodilatation, improve microcirculation and lymphatic drainage (resorption of oedema)
- Larger quantity of granulation tissue and accelerated epithelization
- Increased activity of osteoblasts promote the formation of callus
- Regulation of muscle tissue including myocardium
- Enhancement of peripheral nerve re-growth
- Prevention of central nerve degeneration and regeneration of peripheral axons after injury

### **Analgesic effect**

- Measurable changes in the potential of nerve cell membranes lead to its hyperpolarization as a good analgesic mechanism
- Improved release reaction of ss-endorphins
- Changes in transmitter concentration at the synapsis

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- Accumulation of 5-OH-indoleacetate (serotonin metabolite)
- Relaxation of muscle induced by the neuromuscular unit (ATP increase)
- Effect on the immune system (immune modulation)  
Activation of proliferation of immune cells including macrophages
- Immune suppressive effect by reduced antigen perception of the T-lymphocytes (increased acceptance of a transplant)

## Optical window of the skin

The skin is a non-homogenous tissue and yet shows in its spectral analysis an optical window with an optimal transmission capability of light between >600 nm (visible red) and <1300 nm (infrared). Wavelengths (colors) outside of this optical window are mostly being absorbed before they reach deeper layers.

## Indications listed in the World Literature of Laser Therapy

**Cold Laser Therapy is a regulative medical treatment modality, which is used most in medical specialties including Dermatology, Traumatology, Sports Medicine, Orthopedics, Dental Medicine, Urology, Gynecology, General Medicine, Veterinary Medicine, Physical Therapy, Natural Medicine etc.**

### Anti - Inflammatory

- Enhances proliferation of immune cells (enhancement of immune response, increase of NK cell activity etc.)
- Enhances lymphatic activity (drainage)
- Improves microcirculation (vasodilation)
- Reduces swelling (oedema & haematoma resorption)

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- Reduces infarct zone size in heart & brain
- Reduces mucositis after irradiation & chemotherapy
- Postoperative wound healing– Herpes simplex & zoster
- Decubitus, elephantiasis
- Ulcus cruris, diabetic foot
- Postoperative lymphoedema
- Mucositis

### **Analgetic (pain reduction)**

- Induces B–endorphin release
- Increases ATP production
- Increases the measurable potential on nerve cell membranes
- Relaxation of muscle tension and increase of pressure pain threshold
- Reduction of trigger activity (f.e. myofacial pain and fibromyalgia)
- Acupuncture point activation
- Tendonitis, osteoarthritis, synovitis
- Soft tissue injuries
- Fractures, overstrained injuries (Carpal Tunnel Syndrome, tennis elbow etc.)
- Frozen shoulder, tension neck, tension headache, lumbago
- Needle replacement

## Regenerative

- Stimulates the rate of mitosis in repair mechanisms (bone, epithel and muscle tissue)
- Enhances peripheral nerve regeneration after injury
- Reduces degenerative process on central nervous system
- Enhances survival of brain cells after transient ischemia
- Accelerates neo-vascularization (neo-angiogenesis)
- Reduces or eliminates scar tissue formation
- Increases collagen synthesis (fibroblast proliferation, tensile strength and elasticity increase)
- Wound healing, bone repair
- Tissue repair
- Facial paresis
- Stroke rehabilitation
- Inner Ear problems
- Wound healing
- Wound healing, post injury
- Wound management
- Post operative

## Clinical Applications of Low Level Laser Therapy

**“Arthritis.** The arthritides (osteo and rheumatoid forms) have been a popular target disorder for researchers in the last decade of cold laser investigations. The results of several well designed randomized clinical trials have given clinicians good reason to be encouraged with this form of treatment. Cellular research has provided some possible mechanisms of action for these positive results including laser mediated increases in cellular proliferation, enhanced collagen synthesis, conversion of fibroblasts into myofibroblasts, increased osteoelastic activity, reduced inflammatory markers, increased lymphocyte response and stimulation of the electron transport system leading to enhanced ATP production.

These putative mechanisms help explain the impressive results that laser therapy research has had to date in the area of wound healing. With the use of larger diameter cluster emitting beams of mixed wavelengths, clinicians can efficiently treat large wounds in short periods of time. Brosseau et al conducted a systematic review of the available literature examining the relationship between low level laser and arthritis in 2000. They applied an a priori protocol according methods recommended by the Cochrane Collaboration. Their conclusions were that low level laser therapy (LLLT) should be considered for short term relief of pain in morning stiffness in rheumatoid arthritis...

The general consensus among clinicians using LLLT for conditions having an inflammatory component is that significant benefits can be accrued by those patients treated with laser. There have been some very promising clinical trials involving cold laser in both knee and cervical spine osteoarthritis as well.

**Carpal Tunnel Syndrome.** Although not as studied a clinical condition as other pathologies, this landmark cold laser investigation occurred at the Flint, Michigan GM plant when Anderson et al studied the effects of cold laser on carpal tunnel syndrome (CTS). In this particular study involving 119 subjects, half received sham laser plus physical therapy while the treatment group received real laser plus physical therapy.

The results of this randomized, controlled and double blinded study were that there was a statistically significant treatment effect shown by the real laser group, furthermore, the authors stated that low level laser therapy (strengthening, ROM etc.) improves functional measures of wrist-hand work performance and results in greater probability of return to work.

Since that study was completed, others have followed with similar confirmation of laser potential efficacy in the treatment of this insidious and economically costly occupational disease known as CTS. Dosages described by various investigators range from 2-20 joules of energy per point per treatment session with several key points usually comprising the total treatment area. As an example, Weintraub reports using 9 joules of energy over 5 points per session with a treatment course ranging from 7-15 sessions depending on individual patient response. Balmes et al applied a 5J/cm<sup>2</sup> (energy density) dosage schedule to their patient sample (n=33) and found beneficial results as measured by sensory distal latency on EMG.”

*Practical PAIN MANAGEMENT, Sept/Oct 2004*

**The Scalar Wave Laser is revolutionizing the way people and practitioners approach healing, pain management, rehabilitation, anti-aging, addictions, smoking cessation, weight control and much, much more. Now you can get on board with this rapidly growing light therapy revolution of complimentary health care. Now FDA Cleared!**

**[www.quantum-healing-lasers.com/scalar-wave-laser.html](http://www.quantum-healing-lasers.com/scalar-wave-laser.html)**

**Place your order today. Satisfaction Guarantee.**

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