

Can Your Practice Afford NOT to Have the Diowave Laser System?

A Message From Our Medical Team

Joseph A. Costello, DC DABCO, Chief of Laser Medicine

Bruce R. Coren, DVM, MS, CEO, Founder of Class IV Laser Medicine

As part of the medical team for Technological Medical Advancements, we are proud and pleased to introduce our Class IV Diowave High Dose Laser Systems for neuro-musculoskeletal pain management and wound healing. Diowave lasers represent the next generation in advancing **private pay** for pain management thru a non-invasive drug and pain free platform¹.

High Dose Laser Therapy – HDLT now offers physicians and therapists a painless, non-surgical and side effect-free **treatment for conditions previously refractive to traditional medical care**. Maladies such as head, neck and back pain (acute or chronic) Carpal Tunnel Syndrome, arthritis, hard and soft tissue injuries, tendon and ligament strains, foot and heel pain, non-healing wounds, and even neuropathy to name a few – all respond well to HDLT. HDLT also accelerates wound healing and is an excellent adjunct to accelerating healing post surgically as it can significantly reduce recovery time over traditional therapies.

Results come from the laser's ability to "bio-stimulate" tissue growth and repair. This results in accelerated wound healing with a dramatic decrease in pain, inflammation and scar tissue formation. Unlike all other treatment modalities, laser therapy actually "heals" tissue and is a powerful **non-addictive** form of pain management. Diowave's superior results come from its ability to deliver healing laser energy to the target tissues at any depths. **Simply put – when it comes to traditional neuro-musculoskeletal medicine or wound care, HDLT is outperforming traditional therapy, safely and without side effects.**



Another great feature of HDLT is that a therapist or medical assistant can readily administer it. The physician's time spent in case management is minimal and the income is passive. Bottom line: we can show you how to achieve outcomes far superior to what conventional therapy has to offer your patients while simultaneously containing spiraling medical costs for marginal outcomes.

¹ The Diowave Laser System was cleared under FDA 510-k as an infrared lamp intended to emit energy in the infrared spectrum to provide topical heating for the purpose of elevating tissue temperature for temporary relief of minor muscle and joint pain, muscle spasm, pain and stiffness associated with minor arthritis, promoting relaxation of muscle tissue, and to temporarily increase local blood circulation.

Assuring Your Clinical and Financial Success

MISSION STATEMENT

Our Mission is to develop, manufacture, and market advanced medical products, including laser technologies, to improve the quality of life for the millions of people and animals who suffer from pain and injury. Quality, reliability and integrity are the primary focus of our Company.

COMMITTED TO YOUR SUCCESS

Each Diowave Class IV Laser System has been designed by experienced engineers and clinicians to provide years of reliable use. We back this up by a comprehensive three (3) year warranty, the best available.

In addition, we offer Telemedicine support, a Customer Service Program, a Patient Marketing Program and a Clinical Training Program that will support you regarding the safe and effective use of our laser system. Your success is our success.

ACT NOW. SCHEDULE A FREE NO OBLIGATION DEMONSTRATION TODAY!

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FAQ



HOW MANY TREATMENTS ARE NEEDED AND IS THE THERAPY SAFE?

The DIOWAVE Laser Therapy™ produces expedient results. For most ACUTE conditions 6-8 treatments is all that is needed. CHRONIC conditions take longer and might require 10 or more sessions. While these are the averages, each person is unique and healing time varies by person and condition. For those with chronic degenerative pathologies maintenance therapy is recommended. Laser Therapy has been in use for over thirty years around the world. There have been almost no side effects reported. Occasionally some old injuries or pain syndromes may feel aggravated for a few days, as the healing response becomes more active after a laser treatment.

HOW LONG WILL THE TREATMENT TAKE AND WILL IT BE PAINFUL?

Depending on the condition, treatment times for this drug-free, non-invasive procedure will last on average 5-10 minutes but is based on the size of area, depth of penetration needed and condition being treated. Most patients notice a warm, often soothing feeling. There is no pain associated with a treatment.

WHAT ADVANTAGE DOES DIOWAVE – HIGH DOSE LASER THERAPY™ HAVE OVER OTHER FORMS OF TREATMENT INCLUDING LOWER POWER CLASS IV LASERS?

DIOWAVE High Dose Laser Therapy does not require the use of drugs or surgery, and there are no dangerous side effects or risks. In addition, DIOWAVE Laser Therapy significantly accelerates treatment outcomes when compared to traditional treatment modalities. This occurs due to its ability to stimulate tissue regeneration. When compared to other Class IV lasers, Diowave can deliver significantly greater dosages of healing energy to much greater depths. There is no pathology too deep-seated for the Diowave Laser to reach.

WILL PATIENTS PAY FOR DIOWAVE HIGH DOSE LASER THERAPY?

DIOWAVE laser users and its predecessor company have been in the private pay market for over 12 years. We previously ran a successful private pay laser clinic for over six years and it is where we developed our clinical training protocols and successful marketing strategies.

Testimonials

I am a Board Certified Family Practitioner doing the full spectrum of outpatient family medicine. Since purchasing the Diowave Laser we have used it on a large variety of clinical pathologies including OA of the shoulder, back, hip and knee as well as extremities, neck and back pain, post herpetic neuralgia and carpal tunnel to name a few. We have found it to be highly effective and well received by our patients.

JAMES E. CHLEBOWSKI, MD
Family Practice Center, PC

As a board certified physician in family and sports medicine we use the Diowave laser to help our athletes recover from injury at a significantly faster rate. Athletic injuries are healing almost 50% faster than with traditional therapy. We are very pleased with our 60-watt laser. We also find it just as helpful in our general patient population as it is clearly superior to the modalities currently available in our traditional physical therapy model.

MICHAEL KELLIS, DO, BRYAN KUCH, PT, MS.
Precision Orthopedic Specialties, Inc.

My quest for better patient care led me to add cold laser therapy to my practice in 2001, but I was disappointed with the poor clinical results. In 2004, I became the first class iv laser user in the US and I immediately found the clinical results I was seeking. Over the years, as the company developed more powerful lasers and I implemented them into my practice, I quickly saw better and faster outcomes – even for the most difficult and challenging conditions. Laser is now the majority income generator in my all cash practice.

KEVIN KHALILI, DC
Santa Barbara Laser Rehab Institute



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REV Sept. 2021



High Dose Laser Therapy

Revolutionizing Pain Management



THE BEST NEW PROFIT CENTER IN PHYSICAL MEDICINE & REHABILITATION

TECHNOLOGICAL MEDICAL ADVANCEMENTS, LLC

High Dosage Laser Therapy (HDLT)

WHAT DOES IT DO?

High Dosage Laser Therapy (HDLT) from DIOWAVE™ offers a powerful new solution for numerous painful conditions previously refractive to traditional medical care. Laser Therapy is a highly effective alternative to traditional therapies such as cortisone injections and many times even surgery for a wide range of problems.

FEEL THE DIFFERENCE

In sharp contrast to “Cold Lasers” (LLLT or Low Level Laser Therapy) which provides no feeling or sensation, patients can feel a profound sense of warmth with each DIOWAVE Laser Therapy™ treatment, as it works to provide penetrating laser light energy deep into the body to reach damaged cells and tissues. Results are typically faster than many other therapeutic modalities. Improvement can often be seen after the first or second treatment.

SEE THE RESULTS – ALL WITHOUT SIDE-EFFECTS

Both acute and chronic injuries respond well to the DIOWAVE Laser Therapy™ treatment. Inflammation and swelling are quickly reduced to allow a greater range of motion in the affected area. This helps to regain activity and mobility while reducing scar tissue and adhesions, which can slow recovery and healing.

Use Of the Diowave Laser

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Good medical practice and the best interests of the patient require that physicians use legally available drugs, biologics and devices according to their best knowledge and judgement. If physicians use a product for an indication about the product, to base its use on firm scientific rationale and on sound medical evidence, and to maintain records of the product's use and effects. Use of a marketed product in this manner when the intent is the “practice of medicine” does not require the submission of an Investigational New Drug Application (IND), Investigational Device Exemption (IDE) or review by an Institutional Review Board (IRB).



DIOWAVE™ LASER SYSTEMS

30, 45 & 60 Watts

TECHNICAL SPECIFICATIONS

Laser Type	GaAlAs Diode Laser
Models	Diowave 30WLS, Diowave 45WLS, Diowave 60WLS
Wavelength	980nm
Maximum Power	30, 45 or 60 Watts
Operation Mode	CW, Single or Repeat Pulse
Pulse Duration	5µs-3s
Fiber Sizes	Fibers of 400µm and 600 µm
Fiber Connector	SMA905
Aiming Beam	Red Diode Laser of 650nm, Power: <5mW
Control Mode	True Color Touch Screen
Main Control	Power Switch
Disable Control	Emergency Stop Button
Voltage	100V-240 V, ~ at 1.4A
Frequency	1-20,000 Hz
Accessories	Heavy Duty Carrying Case (standard), Safety Goggles (3 pairs included), Hand piece 1 (HP) – Zoom Therapy HP, Hand piece 2 – Patent Pending Right Angled HP 45W and 60W, Mobile Cart (included)
Dimensions	230 (W) X 180 (L) X 133 (H)
Weight	4.6 kg
Warranty	3 Years, 2 Years Hand Piece



Diowave 30WLS, 45WLS, 60WLS



How Does HDLT Work?

Anti-Inflammation

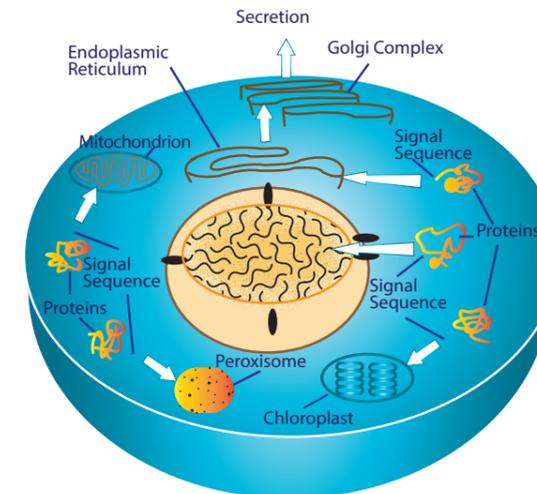
Laser light causes vasodilation, and activates the lymphatic drainage system (drains swollen areas). As a result, there is a reduction in swelling caused by bruising or inflammation and less pressure on pain receptors.

Anti-Pain (Analgesic)

Laser light facilitates better transmission of nerve impulses through the stimulation of neurotransmitter cells, reducing and eliminating pain through more effective function of tissue surrounding peripheral nerves and by temporarily suppressing pain receptors.

Increased Nerve Regeneration and Function

Slow recovery of nerve functions in damaged tissue can result in numbness and impaired limbs. Laser light will speed up the process of nerve cell reconnection and increase the amplitude of action potentials to optimize muscle action.



Improved Vascular Activity

Laser light will significantly increase blood flow to injured tissue as well as the formation of new capillary growth.

Accelerated Tissue Repair and Cell Growth

Photons of light from lasers penetrate deeply into tissue and accelerate cellular reproduction and tissue regeneration and growth. Laser light also activates stem cells in the treatment area. This leads to faster wound healing with minimal scar tissue.

Trigger Point Resolution and Acupuncture Stimulation

Laser therapy stimulates muscle trigger points and acupuncture points on a non-invasive basis providing musculoskeletal pain relief.