

The Best Profit Center For Your Practice Brings a New Level of Patient Care



TREAT MORE PATIENTS

Faster therapy treatment times and surgical procedures results in the ability to treat more conditions and more patients.

CLINICAL TRAINING

Training and Education is a part of every laser purchase. This training may be provided via printed items, online (web-based) or onsite at your practice. Continuing Education is available for additional training for specific laser applications and procedures. Custom Training for 1/2 day or 1 day sessions is available for a separate fee. These sessions are provided by experienced clinicians with hands-on training focus.

LOW OVERHEAD

Veterinary Technicians and other staff can be trained and certified to administer the laser therapy treatments. No special facility build outs or other equipment are needed.

FAST ROI PAYS FOR THE LASER

The Multi-Use Applications of the DIOWAVE Laser results in multiple revenue streams, often paying for the laser in 6-12 months.

PRACTICE BUILDER PROGRAMS

To maximize your practice success, a wide variety of marketing tools are included with each laser purchase including:

- Brochures
- Posters
- Marketing Packet with Samples of Print Ads, Flyers, Coupons and Radio / TV Spots
- Website Tools with photos, text and tools for adding Laser Therapy to your Practice Website



The Benefits of Diowave High Dose Stealth Laser Therapy in your practice

1. Stealth micro-pulse laser therapy allows the therapist to finely tune the laser to achieve the desired effect on the patient's condition. It is capable of removing all heat from the treatment beam. This lets the provider hold the laser head static over a focal pathology during treatment, even at 250W Peak power. This is especially appropriate for disc pathologies. All heat during a stealth treatment is inhibited, allowing for deep penetration as there is no heat during treatment. Excessive heat inhibits deeper penetration of the laser energy due to inhibitory factors such as vasodilation, leading to increased blood, water, and hemoglobin in the treatment area. Because they are the highest absorbing factors for laser energy, it allows for more energy absorption superficially, ultimately inhibiting the treatment of deeper-seated pathologies.
2. 810nm is the wavelength least effected by water and hemoglobin, thereby enabling more efficient penetration.
3. Because of the efficiency of the stealth system, patients can achieve a positive clinical response with the administration of a low dosage treatment, often less than 1 watt during a 15-minute treatment session.

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 VIRTUAL DEMONSTRATION TODAY!



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Revolutionizing Pain Management

High Dose Stealth Micro- Pulsed Laser Therapy Multi-Use Laser Systems For Therapy & Surgery



TECHNOLOGICAL MEDICAL ADVANCEMENTS, LLC

High Dose Stealth Micro-Pulsed Laser Therapy

Diode laser energy can be applied superficially, as well as in open and endoscopic surgery. Thin flexible fibers deliver required amounts of energy into the body in a minimally-invasive technique. Both cutting and coagulation are performed in a single step reducing bleeding, less pain, faster healing and quicker recovery.

WHAT IS STEALTH MICRO-PULSED LASER THERAPY

In 2019 Diowave began developing the next generation of Laser therapy aimed at healing medical failures and conditions which did not respond to our previous HPLT (High Power Laser Therapy). Today, Diowave is pleased to reveal the **Stealth Micro-Pulsed Laser System™**. This technology has shown great promise in healing conditions which are refractive or non-responsive to all other forms of treatment and surgery, including HPLT. **Stealth Micro-Pulsed Laser Therapy™** (SMPLT), is only available thru Diowave. SMPLT allows you to hold a hand piece static over a focal pathology without heating tissue. This allows 100% if the laser energy to reach the target pathology. There are no other lasers in the world that can do what ours do. Everything else is yesterday's technology.

THE WORLD'S FIRST THERAPEUTIC LASER WITH AI SOFTWARE

The Diowave Stealth Laser now incorporates the most advanced patent pending AI software that now allows a clinician and even their veterinary staff to fine tune a patient's treatment plan to their individual level of lameness. Personalized precision pain management has arrived.

High Dose Laser Therapy

Common Small Animal and Equine Clinical Applications

- Arthritis, Degenerative Joint Disease
- Tendon Suspensory and Ligament Disorders
- Back and Muscle Soreness
- Disc and Neurologic pathologies
- Stifle Hip and Sacro-iliac disorders
- Epiphysitis, Carpalis, Sesamoiditis
- Laminitis and Navicular Disease
- Pre and Post-Surgical Hard and Soft Tissue Trauma
- Wound Healing – Acute or Chronic
- Dental Conditions – Surgical and Non-Surgical
- Otitis Externa
- Non-specific Dermatological Conditions



DIOWAVE™ LASER SYSTEMS

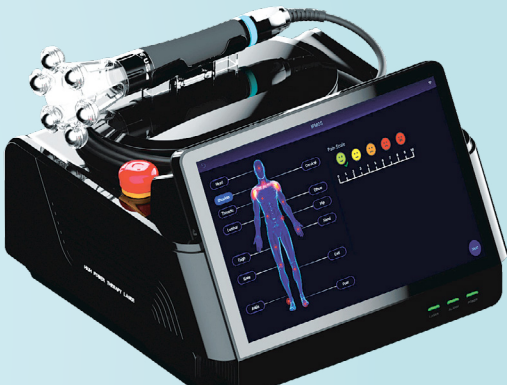
100 & 250 Watts

TECHNICAL SPECIFICATIONS

Laser Type	GaAIAs Diode Laser
Models	Diowave 100WLS, Diowave 250WLS
Wavelength	810nm
Maximum Power	100 or 250 Watts
Operation Mode	Pulse
Pulse Duration	5µs-1 sec
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	5-5,000 Hz
Accessories	Heavy Duty Carrying Case (standard), Safety Goggles (2 pairs included), Hand piece 1 (HP) – Straight HP, Hand piece 2 – Roller Ball Extension HP (100W), Mobile Cart (included)
Weight	7.5 kg
Warranty	3 Years



Diowave 100WLS



Diowave 250WLS



Straight Handpiece



Roller Ball Extension Handpiece



How Does HDLT Work?

Anti-Inflammation

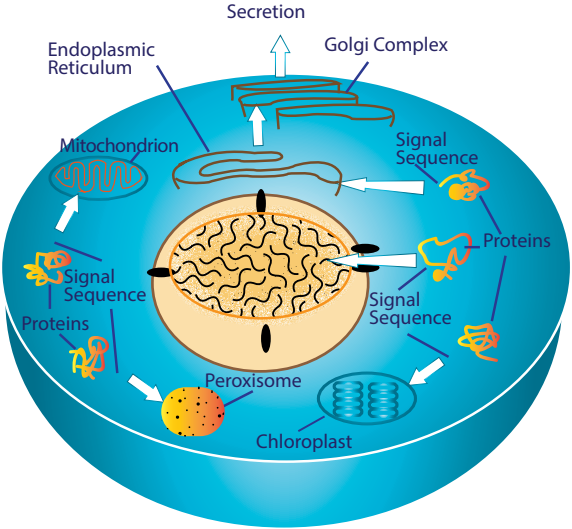
Laser light causes vasodilation, and activates the lymphatic drainage system (drains swollen areas). As a result, there is a reduction in swelling caused by bruising or inflammation and less pressure on pain receptors.

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.