Tips and Suggestions for Using Theralaser T2000

Treatment times can vary according to the size of patient, depth of injury and individual constitution. Commonly, for each 2" circle of treatment area, about 5 minutes works well, and any longer does not usually bring much of an increased benefit. When the laser is placed over an area, leave it there for 5 minutes and then if there are more locations of concern, move it to the next location for another 5 minutes and continue until all locations are treated. Sometimes scanning the laser is appropriate to cover larger surface area.

For acupuncture stimulation it could be as short as 20 seconds to 1 minute per point. You need to observe the patients response and judge accordingly if more time might be needed. For best results do it before bedtime so the body can do its job during sleep. Many horse trainers who are in a hurry to get their horse back into action will treat it twice a day, usually with the morning and evening feeding.

You will find things such as "Tennis elbow" may only require one treatment and that’s it, unless they go out immediately and injure it again. There are no hard and fast cookie cutter rules, because it is patient dependent. With humans I like to start with an easy test on the LI4 point of each hand before going any where else. For horses and dogs I’ll use the points B23 and B47 pairs near the lower spine and watch for a relaxation response by observing the breathing, etc...

When starting on the LI4 point I test the soreness by pinching with my thumb and fore finger to determine if there is any pain and ask the person to rate it on a scale of 1-10 with 10 the most pain. Then I treat for 3-5 minutes and retest. The retest usually shows a dramatic reduction or elimination of pain in the LI4 point, which can be pinched more firmly to demonstrate. It’s good to do both hands.

This test shows results and helps the treated person to see that the invisible light Laser is actually doing something to their system. This helps support treatments to other areas, as well as it opens the energy system of the body for healing. Over the phone I have had people use this demonstration on a Laser they were considering purchasing and on customers who have my T2000 and have doubts that it is working properly. There are plenty of highly advertised medical looking expensive "Laser devices" out there that will not pass this test.

-------------------Laser Light Therapy-------------------
Here are some charts showing several important acupuncture immune points along with vital lower back points. Use these to support overall healing and to alleviate lower back pain.
904 nm Penetration Soft Tissue

THERALASER T2000

T = THERALASER T2000 $2,995

R = Respond 2400 $3,500+
M = Microlight 830 $4,000-$10,000
E = Equine Laser, Alphalaser, Q1000 $3,000-$5,000
O = Other IR Devices
  Bio Scan(Bio Light) $1,500-$3,500
  Centurion(Laser Shower) $1,200

This test was performed using 4 uncooked chicken breasts stacked on top of an IR detector. The top chicken breast had the skin on it and they all were boneless. The stack was approximately 5.5 inches thick.
UNDERSTANDING DIODES AND POWER:

Most Cold Lasers utilize either red or infrared (IR) laser diodes, and sometimes LED diodes. Lasers use coherent, collumnated, focused energy that directs in a forward manner, carrying energy to target tissue. LEDs are less effective because they disperse energy mostly outward, which is mostly good for surface conditions. The power output of most lasers is commonly in the range of 5 mW per diode to a maximum of 500 mW. The Theralaser T2000 utilizes a geometrical configuration of not 1 or 2 and not 3-6, but a total of 7 Superpulsed 30,000 mW, 904 nm diodes. These are very expensive true laser, Infrared (IR) diodes.

POWER OF THE T2000 - NOTHING ELSE COMES CLOSE!!!

7 IR laser diodes, times 30,000 mW of power output equals a total of 210,000 mW of PEAK POWER OUTPUT!

904 nm WAVELENGTH WAS CHOSEN TO PROVIDE MAXIMUM DEPTH OF PENETRATION & HEALING:

904 nm - Inflammation and the Nitric Oxide (NO) Pathway

“When tissue injury occurs, the inflammatory process is initiated to immobilize the area and prevent further damage, which acts as a signal that the body is hurt. This process is usually associated with pain caused by pressuring nerve endings. In order to reabsorb this interstitial fluid and decrease inflammation in the region the body produces Nitric Oxide (NO) which has been proven to relax the limphatic system and increase the diameter of capillaries. This process not only reduces inflammation but brings much needed oxygen and other metabolites to the injured tissue aiding in their natural healing.”

Independent research of a very similar laser, the Theralase 905 nm Superpulsed technology increases the production of NO by 700% (Published in Lasers in Surgery and Medicine 03/2009).

Additionally: The 904 nm wavelength has been shown to effectively remove the pain signal at the source by rebalancing the sodium potassium pathway.
TREATMENT EFFICACY RATES OF UP TO 90%
WITH NO SIDE EFFECTS:

1. Decrease or eliminate pain
2. Reduce inflammation
3. Promote new blood vessels and tissue growth
4. Promote nerve axon growth
5. Faster wound healing and closure
6. Non-Invasive / No Side Effects
7. Extremely Safe / Drug Free
8. Highly Effective for Patient (90% efficacy rates)
9. Alternative to other treatments; such as Analgesics, NSAID’s, Cox-2 Inhibitors, TENS, Ultrasound, Inferential

TREATMENT RATES:

1-5 Treatments for Acute Conditions
8-10 Treatments for Sub-Acute Conditions
16-20 Treatments for Chronic Conditions. When treating chronic conditions treat for 3-4 weeks on and then take one week off and then repeat as necessary until desired results are achieved.

NUMEROUS TREATABLE CONDITIONS OF YOUR HORSE:

- Muscle Soreness and Fatique
- Bone Spurs
- Knee Joint Bucked Shins
- Sesimoiditis
- Tender Soles
- Stifle Joint
- Stifle Cords
- Hock Joint
- Suspensory Ligament Injury
- Sidebone
- Fetlock Joint
- Navicular Disease
CLINICAL PROOF:

A Study of the Effects of Lasering on Chronic Bowed Tendons at Wheatley Hall Farm Limited, Canada

42 standard-bred horses inflicted with chronic bowed tendon received a single treatment with infrared 904 nm laser and were then evaluated for final race times, last quarter race times and class changes. A significant percent of these horses showed either similar or improved times and classes. Conclusion: Lasering bowed tendons presents a safe and less expensive alternative to traditional treatment methods which often require a year layoff for the horse.

Use of Laser Light to treat Certain Lesions in Standard-breds

904 nm infrared laser was used to treat 35 Horses with check ligament injuries, 8 horses with plantar desmitis, and 30 horses with pharyngeal lymphoid hyperplasia. The final and last quarter race times were analyzed before and after treatment. The results were significant with 60-90% horses showing similar or faster race times and ability to race in similar or higher classes after treatment.

--------------Laser Light Therapy------------------
WWW.QUANTUM-HEALING-LASERS.COM  800-824-7558
Treatment of Chronic Back pain in horses stimulation of Acupuncture points with a low powered infrared laser
Jr, B.B.M VMD and Kilde, A.M. Diplomate ACVA Veterinary Surgery

Fourteen horses could not perform at expected standards due to chronic back pain of 4-48 months duration. They did not obtain lasting improvement from other forms of therapy. They were treated by stimulating 9 acupuncture points using a low powered infrared laser (905nm). After completing 11 treatments, performed weekly, pain was alleviated in 10 of the 14 horses. Of the ten horses who were training and competing, 4 went on to win. One year after treatment was discontinued, 9 of the 10 horses were performing at an acceptable standard for their owner.

GETTING YOUR EQUINE FRIEND BACK ON TRACK

Common injuries with equine athletes include: strains and sprains of muscles, tendons and ligaments, plus wounds. These tissues are highly vulnerable to repetitive stress and can be career ending, if not immediately treated with a viable technology that thoroughly supports rapid and full healing. Veterinarians across North America have learned that Cold Laser Therapy is the most viable treatment tool available. It immediately starts to heal wounds and injuries on a cellular level. The Theralaser T2000 provides exceptional results, which have been proven over time in countless cases for two decades.

The Theralaser T2000 superpulsed laser system allows for the deepest penetration, even through the hair and skin, of an equine athlete. This treatment promotes cellular regeneration at the source of the injury, initiating a host of cellular, enzyme and endorphin responses that support rapid healing. The Infrared laser light energy of the 904 nm diodes helps to repair damaged cells by accelerating the body’s natural healing mechanisms. In many cases, patients can return to competition within a few weeks, versus a few months or not at all with other treatment modalities.


--------------------------Laser Light Therapy--------------------------