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## 2011 Classes

**LEARN ABOUT THE LATEST ADVANCES IN LASER THERAPY, THE BRAIN AND BEYOND:**

- **Sat. April 16th - Sun. April 17th Wichita, KS**
  - KCA Spring Convention
  - 785-233-0697

  **Dynamic Mobilization and Laser Therapy**
  - ***
  - **Sat. April 23rd Denver, Colorado**
  - Call Todd at: 303-935-5323 or 720-350-7720

**The Brain Pain and CNS: 21st Century Laser Therapy**

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**LASERS FOR LOVE HANDLES?**

We know that lasers are a valuable tool to reduce inflammation, pain and stimulate tissue healing. Yet, there is a lot of confusing information about the therapeutic effect of extremely low level lasers in the range of 5 to 30 milliwatts for fat reduction.

This clinical trial described and evaluated the effectiveness of the Erchonia "Zerona" Laser System for fat reduction and body contouring. Circumference measurements revealed no statistically significant reduction in fat. Ultrasound measurements also did not reveal a statistically significant reduction in fat layer thickness.

Research does document the effectiveness of high powered, hot lasers to dissolve fat which can then be absorbed by the body. Cool lasers have been proven to make tissue look better but we believe that is due to its effect of stimulating collagen production. I am sorry to say that there is no proof at the present time that cool lasers can get rid of those love handles!


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**CAN LIGHT THERAPY HEAL EYE DAMAGE?**

Many of us worry about the possibility of cool lasers causing eye damage. This is an interesting study because it supports past research that cool or low level laser therapy (LLLT) and LED light are not damaging to the eyes.

In this study, rats were raised in dim light and then exposed to bright continuous light for 24 hours to create eye damage. Then, the animals were treated with 670nm light at the dose of 9 J/cm². As you might expect, the bright light caused damage to the rats' eyes. Of interest is the fact that the cool, infrared light treatment healed the cellular damage.

The researchers expressed the belief that infrared light is protective against light induced retinal damage even when it is applied after exposure. They also expressed the belief that it has the potential to become an important treatment to prevent or treat light damage to the retina. The researchers also felt that it could be beneficial in the prevention and treatment of retinal conditions involving many inflammatory mechanisms.


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KANGAROO VETERINARY DENTISTRY

There is a lot of research showing the beneficial effects of lasers in the veterinary and dental fields and this study confirms the value of lasers in both professions. These researchers reported on the successful treatment of a chronic dental abscess and infection in a Wallaby, an Australian animal that looks like a small kangaroo.

This report describes a case of jaw bone infection involving a tooth that was successfully treated using endodontic techniques with low-level laser therapy at 810nm, the same wavelength as the Apollo. The low level laser was deemed important for successful decontamination of the pulp cavity, because of its anti-inflammatory, and biostimulatory effects. This study shows how versatile laser is for humans and Wallabies! By the way, for those of you interested in trivia, the Australian national rugby team is nicknamed the "Qantas Wallabies".


JOIN US FOR A FREE WEBINAR!
LEARN ABOUT REGENERATING DISCS WITH LASERS AND DECOMPRESSION

Thurs. May 12, 1:00 PM - 2:00 PM Central Time

You will be introduced to exciting research about disc regeneration and how this applies to treating your patients.

Sign up for this FREE informative training by clicking on either of the links below:

pivotalhealthsolutions.com

https://www3.gotomeeting.com/register/810430030
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Two-channel, PowerMAX desktop!
4,000 mW probe coming soon!

TREAT TWO PATIENTS AT ONCE OR
TREAT ONE PATIENT WITH 8,000 MILLIWATTS!

Call Apollo Now at 1-866-789-7456 for info about this exciting laser!

New Two Channel Desktop

21st Century Laser Therapy Courses

Sat 4/16 - Sun 4/17, Wichita, KS - for doctors
Dynamic Mobilization and Laser Therapy

KCA Spring Convention
Call Kansas Chiro Assoc. at:
785-233-0697

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Sat., 4/23 - Denver, Colorado - for therapists and doctors
The Brain, Pain and CNS: 21st Century Laser Therapy
Overview of Seminars on Laser, Decompression and Mobilization

Doctors and Therapists can now learn Dr. Turchin's special techniques, including Dynamic Mobilization, Laser Therapy, Decompression, and Kinetic Taping.

The following classes are offered:

- **21st Century Laser Therapy Certification, Part 1** teaches all you need to know about the science and art of laser therapy, especially in the treatment of the brain, pain and the central nervous system. Classes are for any profession licensed to use light therapy.

- **Decompression, Laser and Mobilization Certification** teaches doctors and therapists how to use modern, low cost Decompression tables to regenerate herniated disks with laser, traction and Dynamic Mobilization. Classes are sponsored by both chiropractic and physical therapy organizations.

- **Dynamic Mobilization Certification** teaches how to rapidly and effectively mobilize the spine and extremities. Learn to create dynamic joint play, gently, safely and easily using Dr. Turchin’s unique low force techniques.

We provide regular classes in many parts of the country and supply you with the science and art required to offer successful treatment: Call us at: 1-866-789-7456.

Online classes

See our DVD Laser Training sponsored by a leader in therapy education:

- **Exploring Hand Therapy**

Thank you!

I will try to bring you unbiased, evidence based information on a regular basis to help you understand this new and exciting modality. If you would like to see any particular topics or have any comments or suggestions, please email me, Curtis Turchin, MA, DC at: dr.turchin@yahoo.com (yes, that is dr dot turchin @ yahoo.com)

Sincerely,

Dr. Curtis Turchin

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