

Making a Difference #Erchonia2022

- Two Days of Powerful Laser Talks -
November 3rd-4th, 2022

Thursday, November 3rd, 2022

1:00-1:30pm

Registration

1:30-3:30pm

Title: Healing at the Cellular Level - The Physics of Laser Application for the Modern Patient
Speaker: Andre Camelli, DC

In this course, we will cover the primary applications of low-level laser on cellular function and improved ATP production. In addition, we identify the core sources of oxidative stress, free radical production and effective strategies to mitigate damage and enhance repair. We will explore immune system dysregulation and the mechanisms of autoimmune tagging and cross-over autoinflammatory responses. Finally, we will look closely at the brain and its defense mechanisms, including the glial cells and beta amyloid plaques

Topics Include:

Hour 1 Intro to basic laser and basic physiology of low-level laser

- Understanding Dysfunctional Mitochondria
- Increased Oxidative Stress, Immune Dysregulation, Accelerated Aging, LLLT Role in improving the function of Mitochondria.

Hour 2 Understanding Inflammatory Cascades, Gliosis, and Cognitive Decline.

- LLLT applications to downregulate NF Kappa
- Beta and other epigenetic triggers of neurodegeneration.
- Basic Violet Laser Applications and Demonstration
- This section will discuss the differences between 635nm and 405nm
- Demo will include treatment duration differences between these two.

1:30-4:00pm

Break

4:00-6:00pm

Title: Personal Injury Case Management & Low-Level Laser Therapy
Speaker: Scott Tauber, DC, CPC, DABCO

Patient case management is arguably the most crucial component of Personal Injury cases. Critical management decisions made at the beginning and throughout care can significantly impact your patient's treatment and outcomes.

This presentation focuses on many early case management elements, including the initial history, examination findings, diagnostic imaging and humanizing considerations.

In addition, many opportunities for low-level laser therapy application into general PI case management practices and protocols will be discussed.

Emphasis will be placed on providing implementable information, concepts and material to improve PI case management understanding and enhance clinical skills.

Learning Objectives:

- Recognize the elements of Personal Injury patient case management
- Identify commonly over-looked post-motor vehicle crash injuries
- Summarize the opportunities for LLLT in PI and soft tissue injury cases

Topics Include:

Hour 1:

- Introduction to Personal Injury and the med-legal arena
- An overview of Personal Injury case management basics
- Case management elements of the PI patient history and examination
- Identification and case management of commonly over-looked injuries

Hour 2:

- An overview of PI diagnostic imaging considerations
- The importance of humanizing PI injuries and conditions
- Opportunities for LLLT applications into PI cases
- How to put it all together for greater success and outcomes

Friday, November 4th, 2022

7:30-8:00am

Registration

8:00-10:00am

Title: Zap That: Clinical Low Level Laser Applications for Every Patient
Speaker: Kristin Hieshetter, DC

As low-level laser providers, we are an elitist group of doctors who are incorporating a modality that surpasses all others in its capacity to enhance patient recovery from more than just pain. The cellular effects of low-level laser therapy can regenerate tissue, re-awaken dormant neural circuits, and recover lost brain pathways. Most importantly, there is nearly always a reason to use Erchonia lasers on our patients. Join me in Orlando for an inspiring morning of laser applications, gut rebuilding protocols and case management in daily practice.

Learning Objectives:

- Identify dysregulation in sympathetic, parasympathetic, autonomic, and enteric divisions of the nervous system.
- Explain the critical role of nutrition in the gut brain axis
- Create metabolic protocols using nutrition and supplementation that enhance clinical outcomes
- Incorporate low level laser into daily practice by gaining insight into the ubiquitous nature of the cellular effects

Topics Include:

Hour 1:

Nervous System Breakdown and Low-Level Laser Therapy

- Upregulation and downregulation of the central nervous system
- The enteric nervous system and its feedback to the brain
- Sympathetic and parasympathetic balance using low-level laser therapy

Nutritional protocols

- Brain health and Bredeson Protocols
- Understanding the role of glycation and lectins in clinical longevity protocols
- Clinical correction of gut health for optimal enteric nervous system function

Hour 2:

Common Clinical Applications of Low-Level Laser Therapy

- Examinations, laser recommendations through the phases of care, maintenance adjustments using low level laser
- Common conditions and laser treatment protocols
- Case Studies

10:00-10:15am

Break

10:15-12:15pm

Title: Worldwide Expansion & Education: Low-Level Laser Technology as Paramount

Speaker: Brett Jarosz, DC, DACNB

The worldwide healthcare climate has drastically changed in the last three years and thus, a transition that has surprised physicians & patients alike. Australians are very familiar with these circumstances, having faced some of the most stringent codes & laws regarding healthcare lockdown & regulation. As a leading physician from Australia with a background in chiropractic, neurology & orthopaedics, Dr. Jarosz's knowledge & experience has been highly impactful. He specialized in assessment & diagnostic tools for patient presentations to provide chiropractic multi-modality management. This course will explore global projections & strategies for laser application's steadfast expansion. In addition, Dr. Jarosz will highlight his contactless laser experience as a technology that has made intense leaps for his country & the world at large.

Finally, having a passion for sports medicine, Dr. Jarosz frequently travels Australia to maximize the performance & recovery of the nation's leading surfing athletes. He is excited to share the experience of these journeys spotlighting how laser technology has increased his clinical & mobile application triumphs.

Topics Include:

Hour 1:

- Global projections & strategies for effective neurological modalities
- Non-thermal, contactless laser solutions
- The growing need for safe home laser use of low-level lasers

Hour 2:

- Successful specialty competitive sports laser applications
- Mobile laser clinic
- Case studies & video demonstrations of competitive sports tournaments
 - Soft tissue & physiological therapeutics
 - Rehabilitation & neurorehabilitation
 - Surfing injuries

12:15-1:15pm

Lunch

1:15-5:30pm

Title: Emerging Pain & Neuro Advancements: What is on the Horizon for LLLT

Speaker: Trevor Berry, DC, DACNB

During this 4-hour presentation, join board-certified Chiropractic Neurologist & low-level laser expert Dr. Trevor Berry for exciting insight on the horizon for low-level laser technology research & new devices. As a laser specialist, he raises high-level awareness of the need for these continued advancements by revealing how the central nervous and peripheral nervous systems affect the body. These influencers stretch far beyond the complex inflammation & pain presentations in clinics to the global long-term neurological issues we are seeing today.

Dr. Berry's background & extensive education will explore advanced treatments for the neurological and brain diseases that significantly affect our everchanging society. He will give particular focus to musculoskeletal pain & neurological conditions and Dr. Berry's treatment through advanced chiropractic care, lasers, labs, balance testing & nutrition. Dr. Berry will show you a clear & straightforward path to invigorate your practice and energize you to change your life and the lives of your family & patients!

Topics Include:

Hour 1:

- Laser research
- Laser neurology & neurodegeneration

Hour 2:

- Understanding how chiropractic adjusting & techniques influence the central nervous system
- Advanced pain & inflammation applications

3:15-3:30pm

Break

3:30-5:30pm

Hour 3:

- Condition-specific applications & their influence on the central nervous system & peripheral nervous system while lasers are applied
- Common neurological & chiropractic condition applications
- Advanced clinical applications using low-level laser technology

Hour 4:

- Global need for non-invasive effective applications
- Exciting new research in laser technology
- What is on the horizon for low-level laser
- New laser devices & applications