

Making a Difference #Erchonia2022 – Two Days of Powerful Laser Talks

Northwestern Health Sciences University

DATE: Nov. 3-4, 2022

HOURS: 12 CEs

LOCATION: Orlando, FL

INSTRUCTORS: Andre Camelli, DC; Scott Tauber, DC, CPC, DABCO; Kristin Hieshetter, DC; Brett Jarosz, DC, DACNB; Trevor Berry, DC, DACNB

Thursday, November 3, 2022

1:30 pm – 6:00 pm

Time	Description	Instructor
1:30 – 3:30 pm	<p>Healing at the Cellular Level - The Physics of Laser Application for the Modern Patient</p> <p>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.</p> <p>Hour 1: Intro to basic laser and basic physiology of low-level laser</p> <ul style="list-style-type: none"> • Understanding Dysfunctional Mitochondria • Increased Oxidative Stress, Immune Dysregulation, Accelerated Aging, LLLT Role in improving the function of Mitochondria. <p>Hour 2: Understanding Inflammatory Cascades, Gliosis, and Cognitive Decline</p> <ul style="list-style-type: none"> • LLLT applications to downregulate NF Kappa • This section will discuss the differences between 635nm and 405nm • Demo will include treatment duration differences between these two. 	<p>Andre Camelli, DC Laser – 2 CE</p>
4:00 – 6:00 pm	<p>Personal Injury Case Management & Low-Level Laser Therapy</p> <p>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.</p> <p>This presentation focuses on many early case management elements, including the initial history, examination findings, diagnostic imaging, and humanizing considerations.</p> <p>In addition, many opportunities for low-level laser therapy application into general PI case management practices and protocols will be discussed.</p> <p>Emphasis will be placed on providing implementable information, concepts, and material to improve PI case management understanding and enhance clinical skills.</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> • 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 	<p>Scott Tauber, DC, CPC, DABCO History & Exam – 2 CE</p>

Time	Description	Instructor
8:00 – 10:00 am	<p>Zap That: Clinical Low Level Laser Applications for Every Patient 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.</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> • 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 	<p>Kristin Hieshetter, DC Nutrition – 2 CE</p>
10:15 – 12:15 pm	<p>Worldwide Expansion & Education: Low-Level Laser Technology as Paramount 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 & orthopedics, 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.</p> <p>Hour 1:</p> <ul style="list-style-type: none"> • Global projections & strategies for effective neurological modalities • Non-thermal, contactless laser solutions • The growing need for safe home laser use of low-level lasers <p>Hour 2:</p> <ul style="list-style-type: none"> • Successful specialty competitive sports laser applications • Mobile laser clinic • Case studies & video demonstrations of competitive sports tournaments 	<p>Brett Jarosz, DC, DACNB Laser – 2 CE</p>
12:15 – 1:15 pm	<p>Lunch Break</p>	
1:15 – 3:15 pm	<p>Emerging Pain & Neuro Advancements: What is on the Horizon for LLLT 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.</p>	<p>Trevor Berry, DC, DACNB</p>

	<p>Dr. Berry will explore advanced treatments for the neurological and brain diseases that significantly affect our society. He will give particular focus to musculoskeletal pain & neurological conditions and treatment through advanced chiropractic care, lasers, labs, balance testing & nutrition.</p> <p>Hour 1: Laser – 1 CE</p> <ul style="list-style-type: none"> • Laser research • Laser neurology & neurodegeneration <p>Hour 2: History & Exam – 1 CE</p> <ul style="list-style-type: none"> • Understanding how chiropractic adjusting & techniques influence the central nervous system • Advanced pain & inflammation applications 	
<p>3:30 – 5:30 pm</p>	<p>Hour 3: History & Exam – 1 CE</p> <ul style="list-style-type: none"> • 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 <p>Hour 4: Laser – 1 CE</p> <ul style="list-style-type: none"> • 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 	