

Making a Difference #Erchonia2021

- Two Days of Powerful Laser Talks -
September 23rd-24th, 2021

Thursday, September 23rd

11:30-12:00pm

Registration

12:00-2:00pm

Title: Safety and Use of LLLT for Pediatric Populations

Speaker: Marc Funderlich, Jr., DC, BS

With an extensive background in integrative medicine and a member of various neurosurgery teams specializing in monitoring and mapping brain and spinal cord surgeries, Dr. Marc Funderlich brings a new angle to the field of laser medicine. With pediatric health as his true passion, the objective of this course is to introduce doctors to key concepts in pediatric populations. He will highlight not only bone growth and pediatric physiology, but also review literature across different pediatric disorders including neurologic, musculoskeletal and common infantile disorders such as the inability to feed. Dr. Funderlich's clinic case studies will outline pediatric and infantile specific disorders and also those he is most commonly presented with in his clinic. This class will prove non-thermal laser technology provides a positive impact and is safe for use in children. Attendees will leave feeling empowered to not only care for their own children's wellbeing but help the children in their practice victoriously.

Topics Include:

Hour 1 Safety:

Review bone growth and physiology in the pediatric patient. Specifically review literature on growth plate safety with different classes of lasers and determine if all laser classes are safe for use in children.

Objectives:

- Understand growth plate development
- Compare safety of laser classes for children

Hour 2 using laser across pediatric disorders:

Review literature across different pediatric disorders. Domains will include neurologic, musculoskeletal, and common infantile disorders such as inability to feed. Show case studies of children using laser devices.

Objectives:

- Review literature on different pediatric disorders
- Discuss laser and pediatric neurologic disorders
- Discuss laser and pediatric musculoskeletal disorders
- Discuss laser and infantile specific disorders.

Show case studies pertaining to the above disorders.

2:00-2:15pm

Break

2:15-4:15pm

Title: Out of the Box Non-Thermal Laser Techniques

Speaker: Diana L. DaGrosa, MSOM, L.Ac., CAN

Diana L. DaGrosa, L.Ac. will be presenting a special "Out-of-the-Box" and "Intuitive" practitioners eager to explore the healing power of light energy. Erchonia has proven the science produces real health benefits for certain conditions, now let us see what else we can accomplish with non-thermal lasers.

With an extensive background of more than 30 years as a health care practitioner with over 15 in Traditional Chinese Medicine, Diana reveals the benefits of adding light therapy for augmented energy production and movement. Diana will introduce and explore non-thermal laser therapy techniques which she uses in her practice to improve clinical outcomes and help address difficult & uncommon presentations.

Diana began integrating this proven technology several years ago which has significantly enhanced her patient's results and increased referrals. Diana will share her success stories through demonstrations, case studies, protocols, and clinical pearls. This is a presentation you will not want to miss!

Topics Include:

- Introduction - Let's "Laser It" Mindset
- "Off-Label" and Effective – Let's Share Clinical Successes!
- The Gut – Brain and LUNG Connection – A TCM Perspective
- Did that presentation just walk into our Clinic? Let's See If Laser Can Help
- What About Dental? You'll See!
- Balancing the Chakras – Preparing the Foundation for Deeper Healing
- Balancing Emotions with Non-Thermal Laser
- Working discreetly with "Embarrassing Conditions"
- Surgeries... All Kinds... Setting Patients Up for Accelerated Healing and Reduced Pain and Possibly No Surgery at All!
- Successfully Addressing Digestive Dysfunction with Laser
- Integrating Non-Thermal Laser with Acupuncture

4:15-4:30pm

Break

4:30-6:30pm

Title: Empowering the Body: A Lite Approach to A Better You

Speaker: Kristin Hieshetter, DC

This course is a review of conventional medical wisdom and how minds need to be more open in modern day practice. We will cover key influences in the way we practice as clinicians and how patients respond as they, and we, age. What do we know, or think we know, about cellular aging and the processes our bodies go through as we age or become unwell, and how we can potentially offset the effects of this? Recent research over the past 5 years turns a lot of what we think we know on the head so we as clinicians need to open our minds. The mitochondria in our bodies are not just the powerhouse of the cell, they effect a lot more than we think. There is older research and new research into the non-thermal low level laser (NTLLL) to give us an understanding of what this remarkable technology is capable of. What if our bodies have everything we need for a happy healthy life, we just need to provide the missing energy?

In only 2 hours, this lecture is intended to provide strong evidence based on research to support the use of NTLLL in a wide variety of settings; from general and surgical practice to manual and physical therapies, allowing Doctors and therapists from varying areas of expertise to maximize the potential of this key modality.

Topics Include:

- Understand the biochemical effect of NTLLL.
- Appreciate the importance of electromagnetic energy transfer and why this is more important than dept of penetration.
- Understand the cellular effects on mechanical and physiological function in aging and how that influences the way we all practice medicine.
- Appreciate the concept of healing through the activation of our bodys' own processes through the inspiration of NTLLL
- To stimulate and encourage symbiotic patient centered practice and research.

Friday, September 24th

7:30-8:00am

Registration

8:00-10:00am

Title: Low-level Laser Therapy (LLLT) For Neurological Disorders

Speaker: Leon Morales-Quezada, MD

This lecture will highlight principles of neurophotobiomodulation, an unknown to most physicians, the patients who receive their care and our society at large, except to a trained physician-scientist with experience in neurocognitive rehabilitation, noninvasive neuromodulation, applied psychophysiology. As a Harvard Catalyst & current instructor in physical medicine and rehabilitation, Dr. Morales-Quezada will explain physiopathology of neurological disorders and examine implications for low-level laser therapy applications. This course will detail a researcher's histology proving necessity for the development and furtherance of state-of-the-art technology resources and research for our generation's need for success in targeting these conditions. Specializing in for low-level laser therapy as adjuvant therapy in neuromodulation, Dr. Morales-Quezada will feature clinical case presentations for neurological disorders & possible long-term solutions to many types of these conditions overtaking our society.

Topics Include:

- Principles of Neurophotobiomodulation
- Physiopathology of neurological disorders: implications for LLLT applications
- State-of-the-art in LLLT research
- Use of LLLT as adjuvant therapy in neuromodulation
- Clinical case presentations
- -Conclusions and remarks

10:00-10:15am

Break

10:15-12:15pm

Title: Longevity – The Bigger Picture

Speaker: Jerome Rerucha, DC, BS, CSCS, CHPS

Dr. Rerucha's passion for performance will teach each clinician and/or performance specialist the importance to excel in "Active Examination™" procedures to enhance the typical table examination and treatment methods used by all clinicians that only a doctor with over 20 years of hands-on laser experience in a full-time, referral-based clinic can provide. You will gain the knowledge you need to add low-level laser therapy to your practice & how to optimize this proven technology with your current exam and techniques. You will also be exposed to many enhanced examination and treatment applications that can be applied immediately into your existing clinic.

This lecture will focus on how to overcome the pain and opioid crisis and move beyond symptom relief to measurements of being healthy and to maximize performance. The Longevity lecture applies Dr. Jerome's clinically tested proven methods, hands-on protocols, and rehabilitation techniques as applied to the general patient and how the system applies caring for the bigger picture for your patients.

Topics Include:

- Are there any "perfect clients?"
 - Learn how to spot the perfect client in your everyday life by understanding how our modern lifestyle changes brain activity and why that opens up for expanded business.
- Is pain really what matters?
 - Discover the benefits of Applied Neurology, the predetermined pattern of the brain, and find out how that will change your way of looking at a client and stop chasing pain.
 - Designed for self-healing. Find out the impact of Brainstem & Cranial Nerves and overall function. How to test & use them for more effective laser treatments and long-lasting results.
 - “Feel Good” – the mighty interoception. Discover how dysfunction in the “interoceptive loop” plays a key role in chronic pain conditions and why a sedentary lifestyle is the biggest threat against “Feel Good.”

- Learn what to do – that’s not involving a run streak.
- Clinical example/implementation
- Hands-On
- Treat healthy people
 - Do we depend on diagnoses or people to run a clinic?
 - The bigger picture: Keep healthy people healthy - Function, performance, and longevity!
 - What’s in it for you - businesswise?

12:15-1:15pm

Lunch

1:15-3:15pm

Title: Laser, Labs, Nutrition & Joints REIMAGINED

Speaker: Brandon Brock, DNP, DC, APRN, NP-C, DACNB, DCBCN, BCIM

We are excited to announce an exciting course with research scholar & family nurse practitioner, Dr. Brandon Brock. With academic accolades that stretch for miles from the likes of Harvard Medical School, Samford University & most recently Duke University, Dr. Brock’s extensive knowledge on neurology, stem cell technology, functional medicine, regenerative medicine & nutrition prove important as he focuses on how to maximize joint health. Dr. Brock’s goal for attendees will be putting all the knowledge he has accumulated over thousands of hours of study into an eye-opening training & demonstration paradigm like never seen before for the benefit of joint health & pain reduction.

Dr. Brock will take attendees through a real-life patient examination, progressive practice visits & the techniques including laser therapy and injections for neurological rehab of the joint. Dr. Brock thoroughly enjoys teaching and providing educational support to facilitate learning for all types of physicians.

Topics Include:

Hour 1

Joint Movement Pain Reduction

- Joint biomechanics
- Polyarthralgia & systemic inflammation
- Soft tissue therapy & laser treatments

Joint Tissue Integrity, Diagnosis & Treatment

- Ligaments & tendons
- Non-thermal laser technology

Joint Capsule Integrity & Diagnosis

- The joint itself, synovial fluid

Hour 2

Neurological Involvement in Pain & Movement

- Peripheral sensitization & central sensitization
- Treatments & laser techniques

Joint Procedures Combined w/Laser Technology

- Platelet-rich plasma (PRP)
- Anatomy review & injection treatment for placement along with laser
- Supplements, pain inhibition & joint integrity for neurological rehab with the injections & the laser
- How to use the percussor after the adjustment to spread injection effectively across the tissue

3:15-3:30pm

Break

Title: NEXT GEN PRACTICE: Efficient Modern Methods for Today's World

Speaker: Kirk Gair, DC, ID. E

In this 2-hour lecture, Dr. Kirk Gair will demonstrate how to easily and quickly evaluate each patient that walks into your clinic. With the laser expertise he has garnered over the last decade, treatments for the common conditions seen in your office every day will be demonstrated. Attendees will learn highly profitable & desired treatments your patients desperately need. Dr. Gair will dedicate hour 1 to upper extremities & cervical spine conditions. Hour 2 will highlight lower extremities & lumbar spine techniques. Dr. Gair's goal is to teach methods which get consistent and rapid results and thereby increase word of mouth referrals due to the great clinical outcomes. One of Dr. Gair's most beneficial skills is showing how to combine laser technology with other treatments or use multiple lasers to speed up treatment times providing patients a more effective visit. Video and live demos will be shown during the presentation, along with reviews of cases and research to support how non-thermal laser was utilized.

Topics Include:

HOURL 1- Laser Assessment and Technique for the Upper Extremities and Cervical Spine

Educational objectives

- to learn how to clearly and quickly explain to patients in less than 1 minute how laser works.
- to learn how to quickly and easily assess the cervical spine/upper extremities in a way that you can demonstrate objective changes to the patient
- hands on demos of cervical spine treatment with case study and research to support results
- hands on demos of shoulder, elbow, and carpal tunnel treatment with case reviews.

HOURL 2- Laser Assessment and Technique for the Lower Extremities and Lumbar Spine

Educational objectives

- to learn how to quickly and easily assess the lumbar spine/lower extremities in a way that you can demonstrate objective changes to the patient
- hands on demos of lumbar spine treatment with case study and research to support results
- hands on demos of hip, knee, and plantar fasciitis treatment with case reviews.