

Back in Balance – Dealing with Health Epidemics from a Neurological Point of View

Trevor Berry, DC, DACNB

7 Hours

Wednesday

9:00-9:30am

Registration

9:30-10:15am

Laser Fundamentals & Science.

- Who, what, when, where, how
- Physiological windows - spine, CNS, Merrick chart
- Optimal Wavelength & Dose
- Single physiological window
- Multiple physiological windows
- Power vs Electron Volts
- 405nm / 635nm Applications
- Violet Laser Introduction

10:15-11:15am

Basic Neurophysiology.

- Understanding the mechanism of healthy neuronal function and the foundation for neuroplasticity.
- Neuropathophysiology. Understanding the mechanisms of neuronal disruption and cell death.
- How lasers effect the common causes of neuronal injury.
- The economic impact of neurological conditions in America. Neuro degeneration and pain conditions and how we can influence the economic burden.

11:15-11:30am

Break

11:30-12:30pm

Understanding how chiropractic techniques influence the central nervous system.

- Adjusting techniques to influence the cerebellum, midbrain, frontal lobe, parietal lobe and autonomic function.
- Lab technique. Assessing chemistry
- Protocols for lab assessment of neurochemistry

12:30-1:30pm

Lunch

1:30-2:15pm

Laser Research and Clinical Applications.

- Supporting medical necessity with FDA cleared research

Intro to Understanding Common Clinical Conditions & Demonstration.

- Chronic Neck and Shoulder Pain

- Plantar Fasciitis / Chronic Heel Pain
- Low Back Pain

2:15-2:45pm

Hands-on and laser workshop Adjusting C1-C7, T1-T5 & L1-L5 and its influence on the central nervous system and while laser is applied to the peripheral nervous system.

- Neurology Myotome review
- Standard ortho / neuro evaluation

2:45-3:45pm

Condition specific technique and applications for the most common neurological and chiropractic conditions

- Central effects of extremity and rib adjustments.
- Case studies.

3:45-4:00pm

Break

4:00-4:45pm

Technology implementation for today's practice. Using objective biomarkers for outcome assessments.

- Laser
- Nutrition
- Lab Basics

4:45-5:15pm

How to Protect Your Nervous system with Low-Level Laser

- Common neurological conditions and how they are helped by LLLT

5:15-6:00pm

Summary review of research, physiology, clinical applications, technique.

- Q and A session