Back in Balance – Dealing with America's health epidemic from a Neurological Point of View

Trevor Berry, DC, DACNB

Course Description

The most important system of the human body is the nervous system, but it can be one of the most challenging to understand. Dr. Trevor Berry, a board-certified Chiropractic Neurologist and low-level laser expert, will explore its many connections to other parts of the body. He will discuss the generation of advanced treatments for many of the brain diseases that are greatly affecting our society and those he sees daily at his Chiropractic Neurology Center: Traumatic Brain Injury, Strokes, the Brain-Gut Axis and Autoimmunity, Pain and Inflammation, Basal Ganglia Disorders, Dementia and Alzheimer's.

Dr. Berry's expertise stems from a deep personal interest to find ways that would help him treat these conditions and improve the lives of his patients. He will take you through a patient's health history and documentation with special attention to these conditions and his treatment recommendations. He will bring together the big picture on how the central nervous system affects the many health ailments we suffer from. Come receive advanced training by and education from one of the foremost experts in the world in this field.

Course Objectives

- Understand Basic Neurophysiology - the mechanism of healthy neuronal function and the foundation for neuroplasticity
- Summarize & Explain Neuropathophysiology.
- Categorize the mechanisms of neuronal disruption and cell death
- Describe how lasers effect the common causes of neuronal injury
- Measure the economic impact of neurological conditions in America.
- Empathize Neuro degeneration and pain conditions and how we can influence the economic burden.
- Reproduce technique to influence the central nervous system and human body function
- Critique technology implementation for today's practice
- Integrate balance testing through using objective biomarkers for outcome assessments
- Justify condition specific technique and applications for the most common neurological and chiropractic conditions
- Outline FDA Market Cleared laser research and clinical applications
- Support medical necessity through FDA cleared research
- Demonstrate hands-on applications through workshops and their influence on the central nervous system
- Summarize review of research, physiology, clinical applications and techniques

Saturday

7:30-8:00AM Registration

8-9:30AM Basic Neurophysiology. ***(Principles of Practice/Philosophy)***

- 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.

9:30-9:45AM Break

9:45-11:15AM ***(Philosophy of Chiropractic)***

- 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

11:15-12:15PM Technology implementation for today's practice. Balance testing. Using objective biomarkers for outcome assessments. (Other: Documentation)

12:15-1:15PM Lunch

1:15- 1:45PM Balance testing. Using objective biomarkers for outcome assessments. (Other: Documentation)

1:45-3:30PM Condition specific technique and applications for the most common neurological and chiropractic conditions (***Adjustive Technique)***

- Central effects of spinal manipulation of the midline structures.
- Case studies.

3:30-3:45PM Break

3:45-5:30PM Condition specific technique and applications for the most common neurological and chiropractic conditions (***Adjustive Technique)***

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

Sunday

8:00-9:00AM Laser research and clinical applications. ***(Research Trends)***

9:00-9:30AM Supporting medical necessity with FDA cleared research (Other: Documentation)

9:30-9:45AM Break

9:45-10:45AM Hands-on and laser workshop ***(Adjustive Technique)***
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.

10:45-12:15PM Summary review of research, physiology, clinical applications, technique. ***(Other; Research)***

- Q and A session