

Advanced Pain Connection
- Neuro & Personal Injury Solutions -
Times: Saturday 8 am – 5:30pm, Sunday 8:00 am – 12:15pm
Instructor(s): Dr. Trevor Berry, DC, DACNB & Dr. Scott Tauber DC, DABCO
Total CE hours: 12

Abstract Summary: The purpose of this lecture is to present the fundamentals of an integrative neuroscience-forward clinical framework for addressing pain and musculoskeletal injury presentations Post-MVA. The presenters will present a rational framework for approaching painful musculoskeletal conditions that is consistent with current guidelines for pain management. Specific therapeutic modalities will be presented. These include modalities including LLLT, nutrition, topical therapies, receptor-based therapy, joint mobilization, vestibular therapies and other therapies that may be utilized in acute injury and post-concussion syndromes. Assessment and documentation for MVA related injuries as well as using objective biomarkers for outcome assessment will be utilized.

Main Objectives:

- Understand the mechanisms of MVA injuries
- Appreciate the pathophysiology associated acute and chronic pain mechanisms following MVA
- Demonstrate an integrative approach to the treatment of neurogenic consequences following MVA
- Assessment and documentation of MVA injuries
- Understand mechanisms of TBI and post-concussion syndrome
- Understand the mechanisms and rationale of Low Level Laser Therapy following MVA injuries

Take Away Concepts: (The learner will be able to)

- ✓ Develop a rational and efficient pain management plan based on an integrative, neuro-orthopedic and Low Level Laser paradigm. Proper assessment and documentation for MVA injuries. Using objective biomarkers for outcome assessments.
- ✓ Understanding treatment paradigms that can be used immediately.
- ✓ Understand outcomes assessments that demonstrate the efficacy and quality improvement of therapy that is performed based upon diagnostic direction.

Key Words: (Critical components and Concepts)

- ✓ Pain management; integrative physical rehabilitation; physical rehabilitation; TBI/mTBI, Post-Concussion Syndrome, CAD injury, Personal Injury

Targeted Clinicians:

This program is designed for the following provider types: (Those with state licensure and or practice and utilization parameters of the material taught as defined within their individual scope of practice).

- ✓ Doctors of Chiropractic
- ✓ Medical Doctors
- ✓ Doctors of Osteopathy
- ✓ Naturopaths
- ✓ Nurse Practitioners
- ✓ Physician Assistants
- ✓ Registered Dieticians
- ✓ Clinical Nutritionists
- ✓ Acupuncturists
- ✓ Oriental Medicine Providers
- ✓ Certified Health Coaches

Instructional Methods:

- On stage presentation
- Power Point/Key Note/PDF's
- Hands on demonstrations
- Q and A sessions
- Case Studies
- Notes available
- Post session testing for credit as set forth by the standards needed per hour.

- Neurological exam review, hands on demo

Sunday

- 8:00-9:10** **Dr. Tauber** **(Other: Documentation)**
- Basic elements of Personal Injury patient documentation
 - Documentation components of four unique PI patient office visits
 - Overview of Personal Injury case management
 - Co-management and integrative care considerations
- 9:20-10:00** **Dr. Berry** **(Philosophy of Chiropractic)**
- Barrier systems and TBI
 - M2 glial resolution
 - Nutritional considerations in acute TBI and Post-concussion
 - Mitigating long term neurodegeneration post TBI
- 10:00-10:15** **Break**
- 10:15-11:00** **Dr. Berry** **(Philosophy of Chiropractic)**
- Barrier systems and TBI
 - M2 glial resolution
 - Nutritional considerations in acute TBI and Post-concussion
 - Mitigating long term neurodegeneration post TBI
- 11:00-12:00** **Dr. Tauber** **(Principles of Practice/Philosophy)**
- Putting all the concepts together for success
 - Steps to create PI specific systems, algorithms and protocols
 - Closing remarks
- 12:00-12:15** 15 minutes: Q and A (Dr. Tauber and Dr. Berry)
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References:

Illustrated Essentials in Orthopedic Physical Assessment– Ronald Evans

Guides to the Evaluation of Permanent Impairment – 5th Edition, AMA Press

Whiplash and Mild Traumatic Brain Injuries – Arthur C. Croft

Pending final content