

Advanced Pain Connection

Northwestern Health Sciences University

DATE: September 21-22, 2024

CE HOURS: 12

LOCATION: Portland, OR

INSTRUCTORS: Trevor Berry, DC and Scott Tauber, DC



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.

Saturday, September 21, 2024		8:00 am – 5:30 pm	
8:00-9:45 am		Introduction to Personal Injury care and management (Principles of Practice) <ul style="list-style-type: none">• Identify risk and liability within Personal Injury cases• Working in the med-legal arena and carrier issues• Overview of the initial Personal Injury patient encounter• Mechanism of motor vehicle accidents and occupant kinematics• TBI elements within the initial PI patient history	Scott Tauber, DC
15-minute break			
10:00-12:00 pm		Introduction to Low Level Laser Physiology (Basic Sciences) <ul style="list-style-type: none">• Inflammation and Pain physiology• Central mechanisms of Inflammation and Pain• Pain, Inflammation and Low-Level Laser Therapy (LLLT)• FDA Clearances and LLLT• Supporting medical necessity with FDA cleared research	Trevor Berry, DC
Lunch break			
1:00-2:30 pm		Elements of the initial Personal Injury patient examination (Principles of Practice) <ul style="list-style-type: none">• Overview of a basic post-MVA TBI and neurological examination• Identify and document commonly over-looked injuries and conditions• Diagnostic imaging and associated testing for specific traumatic injuries• How to humanize and objectify PI patient injuries• Outcome assessments and interrogatories in Personal Injury	Scott Tauber, DC

2:30-3:30 pm		Applications for Motor Vehicle Accidents (MVA) (Therapeutic Lasers) <ul style="list-style-type: none"> • Basic LLLT applications for common MVA injuries • Upstream approach to Pain management post MVA • Why patients transition from acute TBI to Post-concussion syndrome 	Trevor Berry, DC
15-minute break			
3:45-5:30 pm		Demonstrations & Hands On (Therapeutic Lasers) <ul style="list-style-type: none"> • Demonstration of basic LLLT applications for pain and injury management • Demonstration of advanced LLLT applications for chronic pain patients • Demonstration of advanced LLLT applications for Post Concussion syndrome co-morbidities • Demonstration for assessment and treatment for common vestibular injuries post MVA • Neurological exam review, hands on demo 	Trevor Berry, DC Scott Tauber, DC
Sunday, September 22, 2024		8:00 am – 12:00 pm	
8:00-8:45 am		Basic elements of Personal Injury patient documentation (Principles of Practice) <ul style="list-style-type: none"> • Documentation components of four unique PI patient office visits • Overview of Personal Injury case management • Co-management and integrative care considerations 	
8:45-11:00 am		Barrier systems and TBI (Basic Sciences) <ul style="list-style-type: none"> • M2 glial resolution • Nutritional considerations in acute TBI and Post-concussion • Mitigating long term neurodegeneration post TBI 	
11:00-12:00 pm		Putting all the concepts together for success (Principles of Practice) <ul style="list-style-type: none"> • Steps to create PI specific systems, algorithms and protocols • Closing remarks • Q&A 	