

## CCMI COURSE OUTLINE

- 1 Neurology Overview, Epidemiology, & Berlin Consensus Update (2017) (2 hrs.)**  
An update on the international concussion consensus statement; prevalence across various sports and industries; and a review of pertinent neurology and neurophysiology.
- 2 Pathophysiology of Acute Concussion (4 hrs.)**  
Current evidence about what happens inside the brain during a concussion.
- 3 Pharmaceutical & Natural Interventions for Concussion (2.5 hrs.)**  
What is the current evidence regarding pharmaceuticals? How can diet impact the recovery of concussion? Can natural supplements help offset the excitotoxicity of a concussion injury?
- 4 Biomechanics of Concussion & Sub-Concussive Impacts (2 hr.)**  
How much force does it take to cause a concussion? What is the evidence for sub-concussive impacts? What is the evidence for concussion prevention and strengthening programs?
- 5 CCMI Baseline Testing Battery (3.5 hrs.)**  
An evidence-based baseline testing battery. We have developed the most reliable and valid multi-faceted approach to pre-season baseline concussion testing (includes physical and cognitive assessments).
- 6 ImPACT Test Administration & Interpretation (1.5 hrs.)**  
The most widely used and researched computerized neurocognitive test. This module provides an introduction on how to administer and interpret the ImPACT test (1 of 9 tests used in the CCMI baseline testing battery).
- 7 Assessment of Acute Concussion (3.5 hrs.)**  
A systematic and evidence-based approach on assessing and diagnosing acute concussion.
- 8 Management of Acute Concussion (Return to Learn, Work, & Play) (3.5 hrs.)**  
How to properly return your patients back to school, work, sports, and everyday life.
- 9 Pathophysiology of Post-Concussion Syndrome (PCS) (3 hrs.)**  
Why do some patients recover in a week, while some take months? Reviewing the current state of evidence in each of the main theories behind the emergence of PCS.
- 10 Assessment & Treatment of PCS (7 hrs.)**  
In-depth examination of the procedures of physical capacity, visual and vestibular dysfunction, and cervical spine function – the cornerstone of PCS rehabilitation and treatment strategies. This module covers how to assess, properly categorize and treat/rehab patients depending on their examination findings. Complete with evidence-based treatment algorithms for complex cases.
- 11 Chronic Traumatic Encephalopathy (CTE) (1.5 hrs.)**  
CTE is thought to be the long-term brain damage caused by concussion and exposure to head trauma. But, how much do we *really* know? What evidence exists?
- 12 Impacting Your Community & Your Business (2 hrs.)**  
You now have extensive knowledge on how to assess, diagnose, and treat concussions; but how do you make the most of your concussion practice? How can you better serve your patients and make a difference in your community? This module covers these topics as well as how to utilize the CCMI database: the world's first network and EMR for concussions.

Course Details | 36 hrs. | 45 days | Must achieve 80% | Eligible for most CE/CEU programs