

Mild Traumatic Brain Injury Traumatic Brain Injury Concussion

Academy of Chiropractic

Syllabus
3 CE Hours

Instructors:
Mark Studin DC, FASBE(C), DAAPM

30 Minutes: Brain mapping and causal issues

30 minutes: Traumatic Brain Injury, diagnosis and management

30 minutes: Mild Traumatic Brain Injury, diagnosis and management

60 Minutes: Research Review:

1. Korley, F. K., Diaz-Arrastia, R., Wu, A. H. B., Yue, J. K., Manley, G. T., Sair, H. I., Van Eyk, J., Everett, A. D., Okonkwo, D. O., Valadka, A. B., Gordon, W. A., Maas, A. I., Mukherjee, P., Yuh, E. L., Lingsma, H. F., Puccio, A. M., & Schnyer, D. M., (2015). Circulating brain-derived neurotrophic factor has diagnostic and prognostic value in traumatic brain injury. *Journal of Neurotrauma*, 32, 1-11.
2. Hartvigsen, J., Boyle, E., Cassidy, J. D., & Carroll, L. J. (2014). Mild traumatic brain injury after motor vehicle collision: What are the symptoms and who treats them? A population-based 1-year inception cohort study. *Archives of Physical Medicine and Rehabilitation*, 95(Suppl. 3), S286-S294.

30 Minutes: Review of Notes and Test

Each video cannot be fast-forwarded and a post-test must be completed for each section.

Course Description: This program is a 3-hour program detailing mTBI, TBI and concussion, a form of mTBI and covers symptomatology and contemporary diagnostic tools available. This course will give the clinician tools to identify and manage this population of patients.

Course Objective: To be able to learn the differences between mild traumatic brain injury and traumatic brain injury and the diagnostic entities to ascertain an accurate diagnosis for each.

Course Goals: To teach the student how to differentially diagnose mild traumatic brain injuries vs. traumatic brain injuries and understand the negative functional sequella for both.