

An Integrative Approach to Concussions, Played on the Field of Life

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Many are familiar with concussion diagnosis when sports are involved., but few think of concussions when witnessing falls on the park, in the airport, at the grocery store, or at home. Falls have surpassed all others as the #1 cause of concussion due to the aging population. As chiropractors ARE seeing AND TREATING concussed patients. Do we know the ethical boundaries in place when witnessing, diagnosing, treating these injuries? Do we know how to work as part of a multidisciplinary team? [Micky Collins published a paper in 2016](#) that looked at concussion approaches from a multidisciplinary perspective in which he referenced his 6 subtypes of concussion: Migraine/Sleep (Autonomic), Vestibular, Cervical, Oculomotor/Vision, Cognitive, and Affective

Attendees will learn what a concussed individual experiences from the time of injury until they are well. This presentation will underscore of how each discipline views and manages concussion, and how chiropractors can participate in this multidisciplinary management of concussion.

Learning Objectives:

1. Identify concussion in one of the six subtypes.
2. Differentiate your scope of practice when in the office, in public area, in Athletic Team of High School or College Programs
3. Demonstrate one diagnostic test that can be used to quickly identify a concussed individual.

Introduction of Topic

Matthew Antonucci, DC, DACNB, FACFN, FABBIR:

- Defining and Identifying a Concussion
- Understand the Frequency and Epidemiology of Concussions for All Ages

Acute Concussion Management

Joe Clark, PhD, ATC:

- Identifying the Assessment and Triage of the Concussed Patient
- Assessing, Assisting and Documenting the Acutely Concussed Patient

Emergency and Primary Care Concussion Management

Christopher Thaver, MD:

- The role of emergency medicine in the management of concussion
- The primary care management of concussion, including triage and pharmacotherapy

Managing Autonomic Dysfunction and Neuroinflammation in Concussion

Navaz Habib, DC

- Understanding the vagus nerve, and its contribution to autonomic function
- Role of the vagus nerve in inflammatory modulation

Vestibular and Cervical Subtypes of Concussion

Matthew Antonucci, DC, DACNB, FACFN, FABB

- Explaining the Connections Between Vestibular and Cervical Systems
- Assessing and Differentiating Neck Pain from Concussion

Vision and Oculomotor Assessment

Paul Brewer, OD

- Understanding and Assessing Refractory vs Oculomotor Causes of Blurred Vision
- Performing a Pinhole Test and VOMS