Level 1 – Introductory Concussion Management for Healthcare Practitioners

This course will provide you with an overview of international guidelines on concussion management for healthcare professionals as well as the current evidence surrounding pathophysiology and biomechanical forces acting on the brain during a concussion injury. In the 3rd module of this course you will also learn about the latest research surrounding Chronic Traumatic Encephalopathy (CTE), the chronic neurodegenerative brain disease that has been attributed to concussion. This in-depth information will also provide you with a comprehensive understanding of the latest research to help inform the management of concussed patients.

CCMI Course Outline. 13 hrs. | 30 days | Must achieve 80% | Eligible for most CE programs

1. **Pathophysiology of Concussion, Epidemiology & the International Consensus Statement on Concussion in Sport | 7 hours**
   This module discusses what happens inside the brain both during and after a concussion injury as well as an in-depth overview of neuroscience and the most international consensus statements on concussion in sport.

2. **Biomechanics of Concussion & Sub-concussive Impacts | 1.25 hours**
   This module includes an overview of the forces required to cause a concussion injury as well as the evidence behind subconcussive impacts and implications for the cervical spine. We also review the evidence surrounding neck-strengthening and so-called “concussion prevention” programs.

3. **Chronic Traumatic Encephalopathy (CTE) | 4.75 hours**
   This module investigates the current evidence for CTE and how the media may be misleading the public.

Instructor Bio: Dr. Cameron Marshall, DC, FRCCSS (C)

Dr. Cameron Marshall (@Concussion_Doc) is a Doctor of Chiropractic and sports injury specialist who holds a Fellowship through the Royal College of Chiropractic Sports Sciences in Canada. His primary research and clinic practice focuses on evidence-based treatment and management of concussion and post-concussion syndrome. Dr. Marshall has been a keynote speaker at several leading concussion conferences and continuing education seminars as well as serves as a Board member for Brain Injury Canada.

COMPLETE CONCUSSION MANAGEMENT INC.

CCMI is a global concussion research and clinical management network with 350+ clinic locations that provide concussion testing, management, and treatment services across 5 countries. Through evidence-based training programs and integrated healthcare technologies, CCMI empowers multidisciplinary teams to provide standardized care to those impacted by concussions. CCMI serves to improve the collective understanding of the prevention, management, and prognosis of concussion, while providing accessible, patient-centric care based on the latest scientific and medical research. For more information, visit https://completeconcussions.com/.