



CARRICK INSTITUTE

CLINICAL NEUROSCIENCE AND REHABILITATION™

Carrick Institute August 11, 2023

Concussion Bootcamp Tuition Paid In Full - \$699 USD, approx. \$947.60 CAD

Concussion Bootcamp Tuition Paid In Installments - - \$719.97 USD approx. \$986.35CAD

Program Hours - 15 Total Hours

Travel Cost - 2 Hotel Nights \$220 USD, approx. \$596.48CAD (\$298.24 CAD per night)

Start Date - November 18, 2023

End Date - November 19, 2023

Program Information - <https://carrickinstitute.com/programs/concussion-bootcamp/>

Presented by: Adam Harcourt DC, DACNB, FACFN, FABVR

Bio: [Dr. Adam Harcourt's Bio](#)

Concussion Bootcamp

A concussion is affecting the world at pandemic proportions, with research estimating approximately one in 10 people sustains one or more each year. The concussion Boot Camp course by the Carrick Institute provides healthcare practitioners a broad, hands-on, scoping update on the diagnosis and management of concussions in the acute and subacute phases and some promising exploratory domains for assessment and rehabilitation. Concussion Bootcamp will appeal to all healthcare providers with a passion for helping patients with concussions, regardless of their educational background.

THE TREATMENT APPROACH TAUGHT IN CONCUSSION BOOTCAMP

With over 30 official “unified” definitions, no published standard approach to diagnosis or rehabilitation, concussions are confusing everyone. Meanwhile, best estimates suggest that in any particular year, 1 in 10 people will sustain a concussion. Due to a lack of public education causing underreporting, a precise definition, standard of care, and inadequate data collection, the actual number of concussions that occur each year may never be discovered.

This 2-day, hands-on, high-level and fast-paced workshop will teach the delegate the 7 major profiles or phenotypes of concussion, how to assess each, understand the pathology associated with each, then craft customized training exercises to rehabilitate or enhance neurological function in patients from pediatrics to geriatrics, and professional athletes.

Concussion Bootcamp Course Objectives

THE FOUNDATION

- The functional neurology paradigm
- Establishing a singular unified definition of mTBI and concussion
- Review epidemiology of mTBI and concussion
- Summarize pivotal components of concussion pathophysiology
- Identify the 7 phenotypes of concussion
- Understanding and evaluating the hierarchy of main senses for optimal brain function
- Discuss the types of data collection needed for concussion evaluation

PREDICTING CONCUSSION AND PERSISTING SYMPTOMS

- Sensory Seeking Behavior
- Resilience
- Predisposing Factors
- Collection of helpful baseline data

TIME OF IMPACT

- Time of Impact Procedures
- Criteria for Hospital Transport and Imaging
- Symptom Assessment and Acute Management
- Is rest best?

AFFECT, PERCEIVED STRESS, SLEEP, AND AUTONOMIC FUNCTION

- Measuring Perception: The Neural Space
- The Effect of Affect and Stress on
- Concussion Recovery
- Screening for Sleep Disturbance
- Screening for Autonomic Dysfunction
- Orthostasis and Concussion

VESTIBULAR FUNCTION

- Understand the vestibular system, its integration, and contribution to human function
- Assessing vestibular function
- Fundamental Vestibular training

SOMATESTHESIA AND MOVEMENT

- How sensory processing contributes to spatial awareness, cognition, and motor function
- Ego/Allocentric Space
- Assessing proprioception and spatial awareness
- Modalities to modify or modulate ego/allo- spatial perception

VISION

- Identifying components of vision and oculomotor function integral to optimal function
- Assessing visual processing and oculomotor function
- Implementing basic orthoptic and neuro visual training

COGNITION AND SENSORY-MOTOR PROCESSING

- The core tenants of cognitive processing
- Domains of cognition
- Assessing cognition
- Training sensory-motor integration

Dates & Locations

- [Montreal - November 18-19, 2023](#)

Included in your Tuition

- 15 hours of training with Dr. Adam Harcourt
- All-Access to the digital recording of the class
- Any future updates to the course videos or other materials
- Re-attendance with an active Carrick Institute Account*
- 15 Neurology Hours towards the ACFN (American College of Functional Neurology) & ACNB (American Chiropractic Neurology Board)
- All-Access to the flipped classroom material
- 3 months of unlimited access to Medline upon completion of the module.