



Online Continuing Education Courses
www.OnlineCE.com



AOTA Approved Provider #4023

Course Title: Concussion 108

Subtitle: Estimating Concussion Incidence Using Sports Injury Surveillance Systems: Complexities and Potential Pitfalls

Course Description: Numerous sports injury surveillance systems exist with the capability of tracking concussion incidence data. It is important for the consumers of sport-related concussion data, be they researchers or the public, to have a comprehensive understanding of the strengths and limitations of sports injury surveillance systems. This article discusses issues of system design and analysis that affect the interpretation and understanding of sport-related concussion incidence data from sports injury surveillance systems. Such understanding will help inform the design of sports injury surveillance systems and research studies that aim to identify risk factors, develop prevention strategies, and evaluate prevention mechanisms.

Target Audience: PT/PTA, OT/OTA and Other Healthcare Professionals

Course Length: 1 hour

Course Instructor: Brown, MS, OTR/L, CHT

Educational Level: Introductory, Intermediate, Advanced

The course is written at the intermediate level, but learners of all levels will benefit from the information.

Course Objectives:

At the end of the course, participants will be able to:

- Name 3 sports injury surveillance systems that exist and describe what type of data they collect
- Describe what sports are included in data collection surveillance systems
- Define “at-risk exposure time” and describe it’s significance and how it is calculated
- Discuss 2 challenges to comparability across sports injury surveillance systems
- Outline 5 issues and discuss strengths, limitations, and future directions for estimating concussion incidence via sports injury surveillance systems

Outline of Content:

Hour #1

- Key points
- Introduction
- Who collects the data?
- What sports are included?
- Defining at-risk exposure time
- Defining injury/concussion
- Determining which measures of incidence to use
- Sampling challenges and generalizability
- Monitoring trends across time
- Evaluation of risk factors and interventions
- Comparability across sports injury surveillance systems
- Access to data
- Future directions
 1. Increase Buy-In from Stakeholders
 2. Common Data Elements
 3. Exploring Novel Approaches
 4. Going Beyond the Tip of the Iceberg
- Summary

Instructional Methods and Formats:

Online course available 24/7 at www.OnlineCE.com includes Audiovisual format and PDF downloadable handout. See course formats for additional details.

Course Completion Requirements:

A minimum passing score of 100% is required for course completion. You will have as many attempts as needed until your passing score of 100% is achieved. Upon successful completion of course, you will receive your certificate of completion.

Additional Policies:

OnlineCE Policies are available by clicking on the tab – Policies – located in the left-hand navigation bar.