

Course Title: Concussion 108 – 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: OT / OTA and other healthcare professionals

Course Type: Video vs. Text-based

Educational Level: Beginner, Intermediate, Advanced

CE Hours: 1 contact hour / .1 ceu

Course Prerequisites: None

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

Learning Objectives:

- 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

Agenda:

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

Course Completion Requirements:

A 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 and completing a satisfaction survey, you will receive your certificate of completion.

Additional Course Information

Course Registration: Register for Free at www.OnlineCE.com. Once registered, you can begin to purchase courses. Contact info@onlinece.com for special needs requests and assistance.

Refund Policy: There will be no refunds for courses taken at OnlineCE.com or monies deposited into My CE Bank. Any money on account will be used for taking future courses. If you start a course in error, or if you are dissatisfied with a course, please contact us in the first part of the course and we will void the course and you can select a replacement course.

Cancellation Policy: Only available courses are offered online and on-demand and available for purchase. No registration fees are collected for courses that are not provided on-demand. Due to the online and on demand format, courses are not cancelled.

Course Date and Location: This is an independent course that is available 24/7 on-demand at www.OnlineCE.com.

Required Materials and Equipment: Courses offered on OnlineCE.com can be accessed on any type of computer or device. No special software is required but we do recommend the use of the Chrome Browser (recommended, not required). All course materials are contained within the courses and no prerequisites are required.



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