

## **Nurse Concussion Certification Workshop**

**Course Director:** Jeff G. Konin, Ph.D., ATC, PT, FACSM, FNATA

**Faculty:** Richard E. Gans, Ph.D., Kim Rutherford, PT, DSc, COMT

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*\*Faculty may vary based on availability and location*

**Day 1**      **9:00 am – 1:15 pm**

### **Introduction**

- Epidemiology of Mild Traumatic Brain Injury
- The Concussion Continuum & Rehabilitation Team
- The AIB Approach to Comprehensive Concussion Management

### **Anatomy & Physiology**

- Structural vs. Metabolic Damage
- Chemical Cascade & Physiological Changes
- Second Impact Syndrome in Return to Activity/Sport
- Role of Diagnostic Imaging in Concussion Management – Current & Future
- Chronic Traumatic Encephalopathy (CTE) & Societal Concerns
- Terminology & Grading of Concussion

### **Assessment & Referral**

- Concussion Laws
- Role of the Nurse in the School Setting
- Acute Care Triage
- Post-Concussion Symptom Scale (PCSS)
- Sport Concussion Assessment Tool Version 5 (SCAT5)
  - Pediatric SCAT5
- King-Devick
- Decision-making for Referral
- Red Flags

#### **Returning to Activity**

- Return to Learn Strategies
  - Communication with Academic Personnel
  - Symptom-based Accommodation Strategies
  - Short-term vs. Long-term Accommodations
- Return to Sport Strategies
  - Familiarity with International Guidelines
  - Knowledge of Associated Risk (Lower Extremity, Repeated Concussion)

#### **Concussion Education Programs**

- Appropriate Content to Convey
  - Recognition of Concussion Signs & Symptoms
  - Importance of Reporting
  - Understanding Return to Sport/Activity/School

- Documentation of Informed Consent