# Post Concussion Syndrome:

Assessment and Treatment Christina Finn MS, OTR/L



#### **Faculty**

Christina Finn MS, OTR/L graduated from the University of Scranton in 2004 with a master's degree in Occupational Therapy and is currently an assistant professor of occupational therapy at the New York Institute of Technology in Westbury, NY where she teaches classes in physical rehabilitation and motor learning. Prior to attaining a full-time faculty position, Christina worked at NYU Rusk for 10 years. During her time, she worked extensively with individuals with visual difficulties as a result of brain injury, concussion, and other neurological conditions. She has experience in all areas of rehabilitation across the spectrum of care, including acute care, inpatient, and outpatient rehabilitation. She has attended several vision therapy training courses and holds a certification in adult vestibular rehabilitation. Christina has presented to health care professionals on the topic of vision rehabilitation and has presented nationally on the topic of post-concussion syndrome.

Disclosure: Financial: Christina receives a speaking fee from Education Resources. Non-Financial: She has no non-financial relationships to disclose

"This course gave me more confidence in treating this population. It took the knowledge I already had as an OT and put it together in a way that addressed all the issues with these patients. I especially liked the guidelines for prepping the patient for return to school/work/play." - C. Thomason, OT

#### **About this Course**

This course will help clinicians apply the latest research on diagnosis and management of concussion and post-concussion syndrome. This course will focus on the latest relevant assessment and treatment strategies for adults and children with prolonged visual, vestibular and sensory complaints as a result of concussion. Effective treatment strategies to improve visual skills, balance and sensory integration for optimal return to all daily tasks will be highlighted. Participants will engage in clinical problem solving via group case analysis and discussion.

#### **Objectives**

- Apply current research to diagnosis and treatment of concussion and postconcussion syndrome
- Determine when referral is indicated to address co-morbidities
- Assess visual function, balance and ability to participate in daily tasks (including cognitive)
- Implement treatments to remediate oculomotor dysfunction, sensory integrative dysfunction and visual motor skills impairment
- Implement training techniques and compensatory strategies including cognitive strategies to help the patient transition back to work, school and daily tasks

#### **Audience**

This course is relevant for Physical Therapists, Physical Therapist Assistants, Occupational Therapists, Occupational Therapy Assistants, Athletic Trainers and Speech Language Pathologists working with individuals of all ages including school aged children, young adults, and older adults who may have sustained a concussion as a result of fall, MVA, sports injury, or other accident.



Schedule – Day 1		Schedule – Day 2		
8:30-9:00	Registration/Continental Breakfast	7:30-8:00	Continental Breakfast	
9:00-9:30	The Concussion Crisis Population: athletes, students, wounded warriors, accident victims	8:00-8:30	Co-morbities and the interdisciplinary team and case study	
9:30-10:30	Diagnosis		ū	
	Current diagnostic tools: imaging, lab profile, clinical presentation, implications for therapy intervention	8:30-9:00	Return to Learn and Classroom Modifications	
	Symptoms: Immediate and delayed	9:00-9:30	Return to Play Protocols: Updates on the	
	Literature review/ patient reports		Evidence	
	Visual, vestibular, cognitive, behavioral, sensory integration	9:30-10:00	Facilitating Return to Work	
10:30-10:45	Correlating literature to symptomatology Break	10:00-10:15	Break	
10:45-12:15	Management of Concussion and PCS To rest or not? Overview of medical and therapeutic management	10:15-11:15	Assessments and screening Visual issues Vision Screening: DEM, King Devick, NPOC,	
	Specialized Equipment: Does it prevent concussion? Re-injury?		Oculomotor screening	
12:15-1:15	Lunch (on your own)		Specific Vestibular and Balance and	
1:15-2:45	Functional changes after concussion		Assessments: DVA, BESS, TUG, ABC	
	Vision/ Impact on Visual System	11:15-11:45	LAB: Screening and Assessment	
	Balance/ Impact on vestibular system			
	Sensory changes after concussion	11:45-12:45	Lunch (on your own)	
2:45-3:00	Break	10 15 0 15	Treatment Interventions to improve visual	
3:00-4:00	Changes in cognitive functioning	12:45-2:45		
	Computerized cognitive testing		skills for optimal functional performance	
4:00-5:00	Management of concussion: What happens		Treatment to remediate oculomotor	
	when symptoms do not resolve with rest alone?		dysfunction Convergence and bilateral	
	Services that can help manage post		activities Oculomotor and reading	
	concussive symptoms: OT, PT, SLP, Neuropsychology, Vocational Rehabilitation		Oculomotor smooth pursuits and balance	
	Interdisciplinary team approach to decrease symptoms and optimize return to function	2:45-3:00	Break	
5:00-6:00	Case Analysis, Chart Review, Identification of Symptoms and use of screening tools	3:00-4:00	Postural Exercises: Use of proprioception and sensory integration	



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#### **Credits**

This course meets the criteria for 14 contact hours (1.4 CEUs). This continuing Competence Activity has been approved by the **NC** Physical Therapy Association. The **SC** and **PA** Board of Physical Therapy recognizes other state board approvals. Application has been made to the **NJ** Board of Physical Therapy. This workshop meets accepted standards for continuing competence as outlined by the **CT** General Statutes.

Approved provider by the **NY** Board of Physical Therapy for 16.8 contact hours.

Approved provider of continuing education by the American Occupational Therapy Association #3043, for 14 contact hours - Intermediate Level Occupational Therapy Process: assessment, intervention. The assignment of AOTA CEUs does not imply endorsement of specific course content, products or clinical procedures by AOTA.



Education Resources, Inc is approved by the Continuing Education Board of the American Speech-language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. See course information for number of ASHA CEUs, instructional level and content area. ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

This course is offered for up to 1.4 ASHA CEUs (Intermediate level, Professional area).

NBCOT professional development provider-14 PDUs

12 hours of this course qualify toward the 20 hours requirement for NDTA recertification



Education Resources, Inc. is approved by the Board of Certification to offer 14 continuing education units for Certified Athletic Trainers

#### Locations and Dates - 2020

Jan 24-25 Greenwood, SC Self Regional Healthcare Center

June 12-13 White Plains, NY Burke Rehabilitation Hospital



\$435 fee. Group rate (3 or more) must be mailed/faxed together \$410. Deadline for registration is 3 weeks prior to course. Registration will be accepted after deadline on a space available basis. Cancellation accepted up until 2 weeks before course, minus an administration fee of \$75. NO REFUNDS WITHIN 2 WEEKS OF COURSE.

Please make check payable and return to: Education Resources, Inc. .266 Main St., Suite 12 • Medfield, MA 02052 508-359-6533 or 800-487-6530 (outside MA) FAX 508-359-2959 • www.educationresourcesinc.com Limited enrollment. We encourage you to register online!

#### **Post Concussion Syndrome / Christina Finn**

□Jan/SC □June/NY

#### **Course Registration Form**

Name:				
Address:				
City:			State:	Zip Code:
Home Phone:			Work Phone:	
Needed in the event of an Email:Please clearly print your	n emergency scheduling change email address for course confirma	ation		
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