

Concussions and Other Brain Injuries

Addressing Ongoing Visual Consequences

When a patient has suffered an injury to the brain, treating the problems that arise is challenging. From dizziness and blurred vision to recurring headaches, your patients are suffering.

You've done all the tried and true methods for addressing the vestibular aspects, but your patient is still experiencing issues daily. How often have you felt like you're missing a piece of the puzzle? Your techniques may be falling short because they only address the vestibular aspects of the concussion – when in fact, the visual system is playing a significant role.

Robert Constantine, OTR/L, will bring 20+ years of clinical experience to the table to help you quickly identify and mitigate many of the issues that commonly follow mild brain injury:

- Headaches
- Balance problems
- Double Vision
- Light sensitivity
- Blurred vision

Though there is widespread media attention for the importance of understanding and treating concussions yet there is a lack of the specialized doctors in many parts of the country. When you register, you will leave with insight as to how you can become the go to resource for patients suffering from concussions or mild TBI. From a simple vision trick that can improve your patient's balance and motion sensitivity in minutes to several DIY tools – this seminar will pave the way to recovery for your patients.

Objectives

1. Identify the visual consequences of concussion.
2. Investigate the anatomy and physiology that causes dysfunction in the visual system following concussion.
3. Appraise the dynamic focusing process of near vision focusing.
4. Assess eye movements and near vision system using the same techniques the doctors use.
5. Apply evidenced-based techniques to improve visual dysfunction after concussion.
6. Design simple tools and technology devices use in concussion rehabilitation.

Target Audience:

- Physical Therapists
- Physical Therapy Assistants
- Occupational Therapists
- Occupational Therapy Assistants
- Physicians Assistants

Live Webcast Schedule
(Times listed in Central)
9:00 Program begins
12:00-1:00 Lunch Break
4:30 Program ends
There will be two 15-min breaks (mid-morning & mid-afternoon). Actual lunch and break start times are at the discretion of the speaker. A more detailed schedule is available upon request.



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Concussions — and Other — Brain Injuries

Addressing Ongoing Visual Consequences

LIVE Interactive Webcast
Thursday, October 22, 2020
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Concussions — and Other — Brain Injuries

Addressing Ongoing Visual Consequences

- Evidence based techniques to improve visual dysfunction
- Resolve problems like headaches, blurred vision and dizziness.
- Learn one simple trick that can improve your patient's balance and motion sensitivity problems in **minutes!**
- Tools to make your job easier – included with your seminar! Referral guide for vision complaints, documentation cheat sheet for ocular motor skills and a reference for common eye pathologies!



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Outline

Pathology & Pathways of the Brain

Anatomy from cornea to cortex
Cranial nerves
“What” vs “Where” pathways
Post-concussion Syndrome
Mild TBI
Female concussion
Associated visual problems

Assessment Strategies to Quickly Identify Visual Problems

Two questions for objective measurement of concussion symptoms
Ocular Motor assessment
Assessing Near Vision Focusing
Standardized Symptom Assessments

Integrate Systems for Faster Recovery

Ocular motor, balance and proprioceptive
Accommodative disorders
Convergence problems
Saccade inaccuracies

Questions Answered: Tackle the Most Common Concerns

Headaches
Dizziness
Blurred and double vision
Motion sensitivity
Light sensitivity
Tolerance of computer screens

Simple Tricks and Tools that Improve Symptoms

What you need to know about glasses
DIY tools
Prism
Lenses
Brock string
Magic Scotch tape

Quick Tips for Documentation Success

Saccades, Tracking/Pursuits and Convergence
Cheat sheet for ocular motor skills and common eye pathologies
When to refer on? OD vs MD vs VT
Referral guide for vision complaints

Speaker

Robert Constantine, OTR/L, is an expert in vision rehabilitation, with over 20 years of clinical practice guiding patients with brain injury, stroke, and developmental delays to functional independence. With experience in home health and skilled nursing contexts, he spent 9 years as the clinical specialist in brain injury at the West Florida Rehabilitation Institute where he developed a passion for evidenced-based treatment, sharing information and the functional effects of the visual system. Beginning in 2013, he enjoyed a 3-year tenure at an optometry practice where he learned techniques working closely with low vision, pediatric and adult optometrists. He has completed Clinical Level 1 and 2 training offered by the Neuro-Optometric Rehab Association, which brings together the tools of optometry, occupational and physical therapy to improve outcomes for patients with neurological diagnoses.

Because of his extensive vision training, he also works with the High Performance Vision Associates, a national group of optometrists that offer sports vision screenings to elite athletes. He developed specialized Drag Racing Glasses and has worked with NHRA Sportsman and Professional Drag Racers. He continues to provide vision rehabilitation services to pediatric and adult patients at the Pearl Nelson Center and Kindred at Home in Pensacola, Florida.

Speaker Disclosures:

Financial: Robert Constantine has an employment relationship with Pearl Nelson Center. He receives a speaking honorarium from PESI, Inc.

Non-financial: Robert Constantine has no relevant non-financial relationship to disclose.



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ADDRESSING ONGOING VISUAL CONSEQUENCES

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