

ADVANCED VESTIBULAR PHYSICAL THERAPIST CERTIFICATION 2024-2025

Module 2

OBJECTIVES AND SCHEDULE



University of
Pittsburgh

Department of
Physical Therapy
School of Health and
Rehabilitation Sciences

OBJECTIVES

Concussion, vision, eye movements, cervicogenic dizziness psychological/pharmacological/surgical management

1. Recognize and be able to classify persons with vestibular migraine, concussion, and cervicogenic dizziness.
2. Be able to recognize various eye movements associated with peripheral and central vestibular conditions, both common and rare.
3. Be able to determine if the patient meets the criteria for vestibular migraine versus migraine and will understand medical management of vestibular migraine.
4. Understand the role of clinical profiles and vestibular/oculomotor assessment of concussion.
5. Be able to apply evidence-based interventions for persons with vestibular hypofunction.
6. Be exposed to up-to-date physical therapy management of concussion based on the most recent guidelines and evidence.
7. Understand the value of the new CPG for concussion.
8. Be exposed to ocular conditions that may delay rehab outcomes of persons with concussion.
9. Be able to identify factors that affect recovery from a central or a peripheral vestibular disorder.
10. Be able to identify non-pharmacologic and pharmacologic interventions utilized in the management of persons with vestibular disorders.
11. Gain an understanding of the latest surgical management of persons with vestibular disorders including acoustic schwannoma, canal plugging, the vestibular implant, and dehiscence surgery.
12. Gain an appreciation for and an understanding of the potential benefits of the vestibular implant.
13. Be able to examine and develop a treatment plan for persons post mild head injury (concussion).
14. Be exposed to complex vestibular cases and interactive decision making via an online learning platform.
15. Better understand the relationship of vision and the vestibular system as it affects patient care and management.
16. Learn and apply the rules of the Barany consensus document for the analysis of eye movements via online interaction with the instructor.
17. Gain a better understanding of the role sleep plays in dizziness.

SCHEDULE

All times Eastern Standard Time

October 1, 2024 (7 PM) Differential Diagnosis for "More Complicated" Conditions - Susan L. Whitney, DPT, PhD, NCS, ATC, FAPTA

October 15, 2024 (7 PM) Eye Movement Basics - Dan Gold, DO

OCTOBER 19, 2024

8:00-9:00 Barany Consensus Document About Eye Movements - Janet Helminski, PT, PhD

9:00-9:45 The Role of Vision in Vestibular Rehabilitation - Pamela M. Dunlap, DPT, PhD, NCS

9:45-10:15 Eye Movement Case Studies - Amy Cassidy, DPT, NCS

10:15-10:35 Questions and Answers with Drs. Helminski, Dunlap, and Cassidy

10:35-10:50 Break

10:50-11:15 Vestibular Symptoms and Impairments following Concussion - Anthony P. Kontos, PhD

11:15-11:20 Questions and Answers with Dr. Kontos

11:20-12:15 Concussion: A Physical Therapist's Perspective - Anne Mucha, DPT, NCS

12:15-12:40 Concussion: Exertion Training - Victoria Kochick, DPT, NCS

12:40-1:30 Lunch

1:30-2:15 Concussion and Dual Tasking - David Howell, ATC, PhD

2:15-3:00 Questions and Answers with Drs. Mucha, Kochick, and Howell

3:00-3:10 Break

3:10-3:50 Dizziness in the Cervical Spine - Kathryn Schneider, PT, PhD

3:50-4:40 Cervicogenic Dizziness Cases - Julia Treleaven, PhD, BPhty

4:40-5:00 Questions and Answers with Drs. Schneider, and Treleaven

SCHEDULE

All times Eastern Standard Time

OCTOBER 20, 2024

8:00-8:55 Vestibular Implants and Surgical Options for Vestibular Disorders - Raymond van de Berg, MD

8:55-9:35 Medical Management Including Pharmacologic and Non-Pharmacologic Interventions for Dizziness - Klaus Jahn MD

9:35-9:55 Questions and Answers with Drs. van de Berg and Jahn

9:55-10:10 Break

10:10-10:50 Migraine and Vestibular Migraine - Thomas Lempert, MD

10:50-11:30 Sleep and Dizziness - Ryan Soose, MD

11:30-12:00 Case Studies with Dr. Whitney

12:00-12:40 Questions and Answers with Drs. Lempert, Soose, and Whitney

October 29, 2024 (7PM) Factors Affecting Recovery - Dr. Susan Whitney

November 5, 2024 (7PM) Fireside Chat with Drs. Whitney, Mucha, Hoppes, and Treleaven