

ADVANCED VESTIBULAR PHYSICAL THERAPIST CERTIFICATION 2023-2024

Module 2

OBJECTIVES AND SCHEDULE



**University of
Pittsburgh**

**Department of
Physical Therapy**
School of Health and
Rehabilitation Sciences

OBJECTIVES

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

1. Recognize and be able to classify persons with vestibular migraine, Mal de Debarquement, 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. Be exposed to the most up to date information related to the recognition, diagnosis, and management of persons with Mal de Debarquement.
5. Understand the role of a neuropsychologist in the management of concussion.
6. Be able to apply evidence-based interventions for persons with vestibular hypofunction.
7. Be exposed to up-to-date physical therapy management of concussion based on the most recent guidelines and evidence.
8. Understand the value of the new CPG for concussion.
9. Be exposed to ocular conditions that may delay rehab outcomes of persons with concussion.
10. Be able to identify factors that affect recovery from a central or a peripheral vestibular disorder.
11. Be able to identify non-pharmacologic and pharmacologic interventions utilized in the management of persons with vestibular disorders.
12. Gain an understanding of the latest surgical management of persons with vestibular disorders including acoustic schwannoma, canal plugging, the vestibular implant, and dehiscence surgery.
13. Gain an appreciation for and an understanding of the potential benefits of the vestibular implant.
14. Be able to examine and develop a treatment plan for persons post mild head injury (concussion).
15. Be exposed to complex vestibular cases and interactive decision making via an online learning platform.
16. Better understand the relationship of vision and the vestibular system as it affects patient care and management.
17. Learn and apply the rules of the Barany consensus document for the analysis of eye movements via online interaction with the instructor.

SCHEDULE

All times Eastern Standard Time

October 17, 2023 (7 PM) Differential Diagnosis for "More Complicated" Conditions - Susan L. Whitney, DPT, PhD, NCS, ATC, FAPTA

OCTOBER 21, 2023

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

9:45-10:00 Break

10:00-10:30 Eye Movement Case Studies - Amy Cassidy, DPT, NCS

10:30-10:50 Questions and Answers with Drs. Helminski, Dunlap, and Cassidy

10:50-11:15 Concussion: A Neuropsychology Perspective - Anthony P. Kontos, PhD

11:15-12:10 Concussion- A Physical Therapist's Perspective - Anne Mucha, DPT, NCS

12:10-12:40 Questions and Answers with Drs. Kontos and Mucha

12:40-1:20 Lunch

1:20-2:00 Concussion Management in a Military Population - Karen Lambert, PT, DPT, NCS

2:00-2:40 Dizziness in the Cervical Spine - Kathryn Schneider, PT, PhD

2:40-3:30 Cervicogenic Dizziness - Julia Treleaven, PhD, BPhty

3:30-3:45 Break

3:45-4:10 Questions and Answers with Drs. Lambert, Schneider, and Treleaven

4:10-4:45 Concussion Cases - Alec Ring, PT

4:45-5:00 Questions and Answers with Alec Ring

SCHEDULE

All times Eastern Standard Time

OCTOBER 22, 2023

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

8:55-9:20 Migraine and Vestibular Migraine - Thomas Lempert, MD

9:20-9:50 Questions and Answers with Drs. Van De Berg and Lempert

9:50-10:05 Break

10:05-10:50 Medical Management Including Pharmacologic and Non-Pharmacologic Interventions for Dizziness - Klaus Jahn MD

10:50-11:30 Case Studies with Dr. Whitney

11:30-12:00 Questions and Answers with Drs. Jahn and Whitney

October 24, 2023 (7PM) Factors Affecting Recovery - Dr. Susan Whitney

November 14, 2023 (7 PM) Mal de Debarquement - Yoon-Hee Cha, MD Mal de Debarquement Cases - Carrie Hoppes, PT, PhD, NCS, OCS, ATC, CSCS

November 21, 2023 (7PM) Fireside Chat with Drs. Whitney, Mucha, Hoppes, and Treleaven and Alec Ring