

ADVANCED VESTIBULAR PHYSICAL THERAPIST CERTIFICATION

Module 2

OBJECTIVES AND SCHEDULE



University of
Pittsburgh

Department of
Physical Therapy
School of Health and
Rehabilitation Sciences

OBJECTIVES

Concussion, vision, eye movements, vestibular hypofunction CPG, Mal de Debarquement, CNS disorders, psychological/pharmacological/surgical management

1. Recognize and be able to classify persons with vestibular migraine, Mal de Debarquement, stroke, concussion, cervicogenic dizziness, cerebellar disease, superior canal dehiscence, orthostatic tremor, CANVAS, and PPPD.
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 exposed to case studies of persons with peripheral vestibular loss to integrate the differential diagnosis with the applied interventions.
15. Be able to examine and develop a treatment plan for persons post mild head injury (concussion).
16. Be exposed to complex vestibular cases and interactive decision making via an online learning platform.

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15. Review the action statements of the new vestibular hypofunction clinical practice guideline (CPG) and how that can affect interventions.
16. Be exposed to and interact with decision making in the physical therapy management of complex cases and persons with vestibular hypofunction
17. Better understand the relationship of vision and the vestibular system as it affects patient care and management.
18. Learn and apply the rules of the Barany consensus document for the analysis of eye movements via online interaction with the instructor.
19. Be exposed to complex vestibular cases and interactive decision making via an online learning platform
20. Be able to examine and develop a treatment plan for persons post mild head injury (concussion)
21. Be exposed to and understand the value of the Barany consensus documents. Although as physical therapists we don't make the medical diagnosis, the consensus documents will help you to know when to refer your patients for additional testing and to whom to refer the person to for optimal management

SCHEDULE

All times Eastern Standard Time

October 25, 2022 (7 PM) The Role of Vision in Vestibular Rehabilitation - Pamela M. Dunlap, PT, PhD, NCS

November 1, 2022 (7 PM) Eye movements - Dr. Amy Cassidy

NOVEMBER 12, 2022

8:00-9:45 Differential Diagnosis for “More Complicated” Conditions (Case-Based Didactic) - Susan L. Whitney, DPT, PhD, NSC, ATC, FAPTA

9:45-10:00 Break

10:00-10:25 Mal de Debarquement - Dr. Yoon-Hee Cha, MD

10:25-10:50 Mal de Debarquement Cases - Dr. Carrie Hoppes, PT, PhD, NCS, OCS, ATC, CSCS

10:50-11:20 Question and Answers with Drs. Whitney, Cha, and Hoppes

11:20-12:00 Lunch

12:00-12:25 Concussion: A Neuropsychologist’s Perspective - Anthony P. Kontos, PhD

12:25-1:20 Concussion- A Physical Therapist’s Perspective - Anne Mucha, DPT, NCS

1:20-2:00 Dizziness in the Cervical Spine - Kathryn Schneider, PT, PhD

2:00-2:30 Questions and Answers with Drs. Kontos, Mucha, and Schneider

2:30-2:45 Break

2:45-3:25 Concussion Management in a Military Population - Karen Lambert, PT, DPT, NCS

3:25-4:30 Concussion Cases - Alec Ring, PT

4:30-5:00 Questions and Answers with Dr. Lambert and Alec Ring

SCHEDULE

All times Eastern Standard Time

NOVEMBER 13 2022

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

November 15, 2022 (7PM) Factors Affecting Recovery - Dr. Susan Whitney

November 22, 2022 (7PM) Fireside Chat with Drs. Whitney, Mucha, Hoppes, and Schneider