

ADVANCED VESTIBULAR PHYSICAL THERAPIST CERTIFICATION 2024-2025

Module 4

OBJECTIVES AND SCHEDULE



University of
Pittsburgh

Department of
Physical Therapy
School of Health and
Rehabilitation Sciences

OBJECTIVES

Advances in BPPV, concussion, and other conditions associated with vestibular disorders

1. Be able to take a history and interpret the vestibular laboratory findings in a meaningful way to help care for the person with a vestibular disorder.
2. Be able to design an exercise program that is customized to the patient's deficits using the FITT principle.
3. Gain a deeper understanding of gaze stabilization exercises and their value in vestibular rehabilitation.
4. Be exposed to new vestibular technologies and their role in diagnosing and treating patients with vestibular dysfunctions.
5. Be able to perform various BPPV examination maneuvers to diagnose BPPV.
6. Be able to safely perform the Li maneuvers, the Semont plus, the Gufoni, the Yacovino, and the demi-Semont, plus the bow and yaw maneuver for the short arm of the posterior canal, that are utilized to treat persons with vestibular disorders.
7. Gain an appreciation for VOR incremental training as a method of treatment for persons with vestibular disorders.
8. Be exposed to cases and "clinical pearls" about typical and atypical cases of persons living with vestibular disorders.
9. Be able to perform an eye examination including extra ocular eye movements, skew deviation, HINTS, and the head impulse test for the vertical canal plus gain a deeper understanding of phorias and tropias.
10. Gain a deeper understanding of treatments used in the management of persons with mild traumatic brain injury.

SCHEDULE

All times Eastern Standard Time

March 25, 2025 (7PM) - Eye Movement Review - Susan Whitney, DPT, PhD, NCS, ATC, FAPTA

April 3, 2025 (5-6:30PM) Meet and Greet on University of Pittsburgh Campus

SCHEDULE

All times Eastern Standard Time

April 4, 2025

7:30-8:00 Breakfast

8:00-8:15 Introductions and Explanation of the Weekend

8:15-9:15 History Taking and Interpretation of Lab Findings with Case Vignettes Including a Demonstration of Stable Eyes - Michael C. Schubert, PT, PhD, FAPTA

9:15-10:00 Small Group Case Studies on History Taking and Lab Findings - All Faculty

10:00-10:15 Break

10:15-11:30 Review of the Head Impulse Test for Vertical Canals, HINTS, Cover/Uncover, Maddox Rod Testing - All Faculty

11:30-12:00 Light Cupula Cases - Janene Holmberg, DPT, NCS

12:00-1:00 Lunch

1:00-2:15 Treatment Ideas for the Management of Persons with Mild Traumatic Brain Injury (Concussion) - Anne Mucha, DPT, NCS

2:15-3:15 Small Group Case Studies: Concussion Management - All Faculty

3:15-3:30 Break

3:30-5:00 Advanced Treatment Techniques for Posterior Canal BPPV, including the Sidelying Test, Loaded Dix-Hallpike, Semont plus, Demi Semont, Li Maneuver, Bow and Yaw - All Faculty

5:00-6:30PM Meet and network with faculty and participants with appetizers and soft drinks

SCHEDULE

All times Eastern Standard Time

April 5, 2025

7:30-8:00 Breakfast

8:00-10:00 Advanced Treatment Techniques for Horizontal Canal BPPV: Supine to Sit, Zuma Maneuver, Kim Maneuver, Lee Maneuver, Bow and Lean Maneuver - All Faculty

10:00-10:15 Break

10:15-10:45 Faculty Panel on Essential Vestibular Equipment - All Faculty

10:45-12:00 Small Group BPPV Cases with Practice - All Faculty

12:00-1:00 Lunch

1:00-2:00 Technology Round Up: Vertigenius, StableEyes, VHIT, VestAid - Michael C. Schubert, PT, PHD, FAPTA, Dara Meldrum, PT, PhD, MSc, BSc, Regan Harrell, DPT, NCS

2:00-3:15 Central Eye Movement Video Review - Michael C. Schubert, PT, PhD, FAPTA

3:15-3:45 Frequency, Intensity, Type of Exercise, Timing (FITT principle) Related to Exercise Prescription of Adaptation, Substitution, Habituation, and Optokinetic exercises - Patrick J. Sparto, PT, PhD, FAPTA

3:45-4:00 Break

4:00-5:00 Lab Practice with Faculty Supervision of all Examination and Intervention Techniques - All Faculty

April 6, 2025

7:30-8:00 Breakfast

8:00-8:45 Eye Video Examination

8:45-12:00 Competency Exam Testing (Case Presentations will be ongoing during testing)

*Written exam will be made available virtually on April 15th, 2025 at 7PM EST and be available until April 16th, 2025 at 7PM EST. You will have 2 hours to complete the exam during this period.