

ADVANCED VESTIBULAR PHYSICAL THERAPIST CERTIFICATION

Module 3

OBJECTIVES AND SCHEDULE



University of
Pittsburgh

Department of
Physical Therapy
School of Health and
Rehabilitation Sciences

OBJECTIVES

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

1. Be able to identify the important concepts in the Benign Paroxysmal Positional Vertigo (BPPV) clinical practice guideline (CPG)
2. Be able to explain the incidence, risk factors, patient instructions, and the possible examination and treatment maneuvers for posterior, horizontal and superior canal BPPV
3. Be exposed to Dr. Zuma Mia's new maneuver for horizontal canal BPPV and other clinical hints in identifying and managing persons with BPPV
4. Be exposed to the concept of superior/anterior canal BPPV and how to treat with the Yacovino maneuver.
5. Understand the psychiatric comorbidities that may complicate the care of the person living with vestibular disorders
6. Understand the value of working with a psychiatrist or psychologist who has an interest in vestibular disorders plus the value of cognitive behavioral therapy
7. Be able to recognize the signs and symptoms associated with Persistent Postural Perceptual Dizziness (PPPD)
8. Be able to design a PT exercise program for a person with PPPD with considerations of using cognitive behavioral techniques and motivational interviewing as part of the intervention
9. Understand the relationship between cognition and vestibular function
10. Be able to recognize hearing loss, to identify several interventions that can assist with communication with a person who is hearing impaired and understand the seriousness of tinnitus. In addition, recognize when it is optimal to send a patient to an audiologist for testing
11. Become aware of the Barany society consensus documents and their value in practice

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12. Understand the influence of visual backgrounds on symptoms in persons living with vestibular disorders
13. Understand the relationship between children with cochlear implants and postural control challenges that they sometimes face
14. Be exposed to physical therapy considerations of children living with vestibular disorders: they are not little adults
15. Be exposed to various treatment interventions utilized by physical therapists who treat children with vestibular disorders
16. Be exposed to special consideration of the ageing adult: what is different about an older adult's vestibular system anatomically and physiologically
17. Be exposed to physical therapy special considerations in the treatment of older persons with vestibular disorder
18. Utilize the BPPV CPG in their practice and be familiar with the BPPV Barany consensus document

SCHEDULE

All times Eastern Standard Time

January 4th 2022 (7 PM) BPPV Cases Susan Whitney, DPT, PhD, NCS, ATC, FAPTA

January 8th 2022

8:00-8:40 BPPV CPG by the AAHNS Janene Holmberg, DPT, NCS

8:40-9:25 BPPV from a South American perspective Francisco Carlos Zuma e Mia, MD, PhD

9:25-9:50 Anterior canal Dario Yacovino, MD

9:50-10:15 Questions and answers with Drs. Holmberg, Zuma e Mia, and Yacovino

10:15-10:30 Break

10:30-11:50 BPPV examination and interventions Susan L Whitney DPT, PhD, NCS, ATC, FAPTA

11:50-12:15 Questions and answers with Dr. Whitney

12:15-1:00 Lunch

1:00-1:55 Psychiatric contributions to recovery including PPPD Jeffrey P. Staab, MD

1:55-2:50 PPPD: How to treat Janene Holmberg, DPT, NCS

2:50-3:15 Questions and answers with Drs. Staab and Holmberg

3:15-3:30 Break

3:30-4:25 Cognition and vestibular disorders Brooke N. Klatt, DPT, PhD, NCS

4:25-4:50 Hearing and vestibular disorders Catherine Palmer, PhD

4:50-5:15 Questions and answers with Drs. Klatt and Palmer

SCHEDULE

All times Eastern Standard Time

January 9th 2021

8:00-8:25 Vision and postural control Adolfo Bronstein, MD, PhD

8:25-8:50 Optokinetic/ virtual reality treatment Marousa Pavlou, PT, PhD

8:50-9:15 Questions and answers with Drs. Bronstein and Pavlou

9:15-9:30 Break

9:30-9:55 Balance in children after cochlear implantation Sharon Cushing, MD, M.Sc, FRCSC

9:55-10:20 Pediatric vestibular intervention Elizabeth Dannenbaum, PT, M.Sc

10:20-10:45 Questions and answers Dr. Cushing and Elizabeth Dannenbaum

10:45-11:10 Aging and the vestibular system Yuri Agrawal, MD, MPH, FACS

11:10-11:35 Special PT considerations for the older adult with vestibular disorders

Susan L Whitney DPT, PhD, NCS, ATC, FAPTA

11:35-12:00 Questions and answers with Drs. Agrawal and Whitney

Tuesday January 18, 2022 (7PM) BPPV CPG Journal Club Regan G Harrell, PT, DPT, NCS & Susan L. Whitney DPT, PhD, NSC, ATC, FAPTA

Tuesday January 25, 2022 (7PM) Advanced Vestibular cases- both central and peripheral- Susan L. Whitney, DPT, PhD, NCS, ATC, FAPTA

Tuesday February 1, 2022 (7PM) Journal Club- Barany Consensus document about BPPV Regan Harrell, DPT, NCS and Susan L. Whitney, DPT, PhD, NCS, ATC, FAPTA