

Vestibular Rehabilitation Certification II A Competency-Based Advanced Workshop

Course Director: Richard E. Gans, Ph.D.

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**Faculty may vary based on availability and location*

Day 1 8:30 am – 6:00 pm

Morning Session: 8:30 am – 12pm (Break 10:30 am – 10:45 am)

- Introduction
- Migraine
 - Pathophysiology of the peripheral and central vestibular systems
 - Vestibular and balance manifestations
 - Episodic Ataxia 2 (EA2)
 - Spinocerebellar 6 (SC6)
 - Familial and Sporadic Hemiplegic Migraine (FHM, SHM)
 - Case studies with plan of care, goals, and outcome measures
 - Migrainous Positional Vertigo (MPV)
 - Post Hysterectomy Migraine
 - VRT management strategies

Lunch on your own: 12:00 pm – 1:00 pm

Afternoon Session: 1:00 – 6:00 pm (Break 3:00 – 3:15 pm)

- BPPV
 - Review of nystagmus patterns
 - Review of BPPV treatments for:
 - Anterior / Posterior Canal
 - Horizontal Canal
 - Co-morbidities
 - Management strategies and case studies with outcome measures
 - BPPV Post Head Trauma
 - Spina Bifida
 - Osteogenesis Imperfecta
- Parkinson's patient with and without vestibular dysfunction
 - Overview of neuropathology of Parkinson's and its role in gait and movement dysfunction
 - Improving baseline function, stride length, and gait
 - Traditional therapy
 - Incorporating music therapy
 - Tai Chi
 - Virtual Reality
 - Incorporating cognitive behavioral therapy (CBT)
 - Case studies with plan of care, goals, and outcome measures

Day 2 8:30 am – 6:00 pm

Morning Session: 8:30 am – 12:00 pm (Break 10:00 - 10:15 am)

- Multifactorial
 - Diabetes
 - Vestibulotoxicity
 - Management strategies
- Psychogenic dizziness
 - Overview of personality disorders
 - Psychogenic Variants
 - Space and Motion Discomfort (SMD)
 - Agoraphobia
 - Mal de Debarquement Syndrome (MDDS)
 - Migraine Anxiety Related Dizziness (MARD)
 - Phobic Postural Vertigo (PPV)
 - Persistent Postural-Perceptual Dizziness (PPPD)
 - Motor Conversion
 - Clinical Scenarios and Case Reviews

Lunch on your own: 12:00 pm – 1:00 pm

Afternoon Session: 1:00 pm – 6:00 pm (Break 3:00 pm – 3:15 pm)

- Management of the Persistent Non-Vertiginous Dizzy patient
 - Subjective differentiation
 - Subjective Questionnaires
 - Biopsychosocial Model approach for Hypothesis Generation
 - SPINS approach
 - Objective assessments
 - Oculomotor
 - Postural Stability
 - Motion Sensitivity
 - Evidence-Based Multimodal Treatments
 - Education
 - Relaxation Techniques
 - Incorporating technology with Vestibular Rehabilitation Therapy
 - Multidisciplinary Utilization
 - Summary of the Persistent Non-Vertiginous Dizzy patient

Syllabus timeline is for general purposes only. Depending on interest of the class, depth of discussions, questions, demonstrations, and hands-on, timeline may be adjusted. All content, however, will be covered.