

Vestibular Rehabilitation II:

Faculty: Alison D'Alessandro, PT, DPT, NCS
Steven Spinks, PT, DPT, OCS, COMT, FAAOMPT
Joseph Sakumura, Au.D.

- 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)
 - Migrainous Positional Vertigo (MPV)
 - Post Hysterectomy Migraine
- BPPV
 - Review of nystagmus patterns
 - Review of common variants of BPPV
 - Apogeotropic BPPV
 - Advanced Technique and Management of Non-Traditional BPPV
 - Co-morbidities
- Complex Diagnoses
 - Diabetes
 - Pathophysiology of diabetes and vestibular dysfunction
 - Vestibulopathies and BPPV and diabetes
 - Rehabilitation assessment
 - Rehabilitation treatment and management
 - Parkinson's Disease
 - Pathophysiology and neural pathways and vestibular dysfunction
 - Oculomotor deficits
 - BPPV and Parkinson's Disease
 - Rehabilitation assessment
 - Rehabilitation and treatment
 - Cerebellar Disorders
 - Types of cerebellar disorders causing vertigo and dizziness
 - Oculomotor deficits
 - Neuro and vascular anatomy
 - Acute Vestibular Syndrome
 - Rehabilitation assessment
 - Rehabilitation treatment
 - Multiple Sclerosis
 - Pathophysiology
 - Differential diagnosis
 - Acute vestibular syndrome
 - BPPV

- Rehabilitation assessment
 - Case study
- Vestibulartoxicity
 - Agents, chemicals, solvents
 - Aminoglycosides and vestibular dysfunction
 - Unilateral versus bilateral vestibular dysfunction
 - Rehabilitation assessment
 - Neurodiagnostic
- Bilateral Vestibulopathies
 - Possible causes
 - Differential diagnosis unilateral versus bilateral vestibulopathy
 - Bedside testing
 - Neurodiagnostic testing
 - Rehabilitation assessment
 - Rehabilitation treatment interventions
- POTS
 - Diagnostic criteria
 - Associated conditions
 - Prevalence
 - Migraines
 - Autoimmunity disorders
 - Cardiac deconditioning
 - Concussion
 - Rehabilitation assessment
 - Treatment and management
- Psychogenic dizziness
 - Overview of personality disorders
 - Psychogenic Variants
 - Space and Motion Discomfort (SMD)
 - 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
- Management of the Persistent Non-Vertiginous Dizzy patient
 - Subjective differentiation / Biopsychosocial Model
 - Subjective Questionnaires / SPINS approach
 - Evidence-Based Multimodal Treatments
 - Education and Treatment for the aforementioned Complex Diagnoses
 - Summary of the Persistent Non-Vertiginous Dizzy patient