

## **Objectives**

The participant will be able to:

1. Discuss concussion-induced impairments of balance and vestibular dysfunction, and understand the role of cognitive testing in return-to-play.
2. Describe the manifestations of vestibular, oculomotor, and visual sensitivity impairments after concussion, and ways to assess and treat these impairments.
3. Differentiate the different causes of central vestibular dysfunction.
4. Discuss the hearing loss may affect interactions with individuals with vestibular disorders, and how to best communicate with a person with hearing loss.
5. Compare and contrast the different types and treatment options available for someone with headache.
6. Compare the assessment techniques and treatment options for oculomotor dysfunction after concussion.
7. Discuss the need for referral to other providers in direct access physical therapy settings.
8. Recognize different oculomotor dysfunction, including vestibular nystagmus, in persons presenting with vestibular disorders.
9. Understand the interaction between cognitive function and vestibular disorders.
10. Perform routine bedside evaluation of oculomotor function.
11. Compare advances in treatment interventions for persons with vestibular disorders.
12. Discuss the most recent advances in BPPV management over the last 5 years.
13. Discuss medical and surgical management of chronic vestibular disorders.
14. Differentiate anxiety-related dizziness from other vestibular disorders and understand its management from a psychiatric perspective.
15. Recognize cervical dizziness with its typical signs and symptoms and discuss treatment options.
16. Understand the role of gait speed and mobility assessment in assessing overall health of older adults
17. Describe how sleep disorders, especially obstructive sleep apnea, interact with vestibular disorders and affect management of vestibular disorders.
18. Describe the clinical characteristics of Persistent Postural-Perceptual Dizziness.
19. Understand new advances in assessing vestibular function, including VEMP testing, and how this relates to intervention.
20. Identify balance assessment tools that may be helpful in determining whether a person can return to work after a vestibular disorder, and understand how driving is affected by vestibular disorders.
21. Apply advanced decision making principles in the management of persons with vestibular disorders.