



Unilateral Peripheral Vestibular Hypofunction Module

Designed for students in PHYT 855: Advanced Neuromuscular Intervention

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Thank you for your interest in peripheral vestibular dysfunction! Below are the learning objectives for this module and a brief module guide to help you navigate its contents.

Enjoy!!

LEARNING OBJECTIVES

1. Student will understand anatomy and physiology of vestibular system and peripheral sensory apparatus.
2. Student will differentiate vestibular pathologies from other systemic pathologies in patients reporting with symptoms of “dizziness.”
3. Student will identify common etiologies of unilateral vestibular hypofunction (UPVH).
4. Student will understand how to utilize evidence-based treatment for UPVH.

MODULE GUIDE

1. **Part 1: Basic Anatomy and Physiology of Peripheral Vestibular System**
Start here if you need a review of the peripheral vestibular system, if you already have a good foundation just skim through or bypass all together.
2. **Part 2: Differential Diagnosis of the Dizzy Patient**
This section will help you decide how to best determine if a patient presenting with “dizziness” has a suspected vestibular or nonvestibular cause.
3. **Part 3: Etiologies, Efficacy and Treatment of Unilateral Peripheral Vestibular Hypofunction (UPVH)**
This section delineates causes of UPVH and the most recent evidence supporting efficacy of vestibular rehabilitation and suggested treatments.
4. **Clinical sheets:** A very condensed version of Part 2 and 3 that you can use in the clinic as a cheat sheet. Refer back to module sections for details, links and references.
5. **Supplemental documents.** A few additional documents that I think will be very useful to supplement Parts 1-3. (Module sections will refer to them specifically).
6. **Quiz and Evaluation of Module.** Please take 2 minutes to test your knowledge and provide a critique of this module.