

Title: DDSIG: JNPT Author Interview: Graham Cochrane, Assessment of Vestibular Function in Multiple Sclerosis

Description:

In this special episode, Rebecca interviews Dr. Graham Cochrane about his recent publication in the July 2021 issue of the Journal of Neurologic Physical Therapy: "Comprehensive Clinical Assessment of Vestibular Function in Multiple Sclerosis." They discuss his significant findings in central vestibular integration through variance in response to subjective visual vertical and dynamic visual acuity, as well as its association with disease severity. In addition, Dr. Cochrane describes each vestibular measure used in his study and his recommendation for an efficient battery of clinical vestibular tests. Listen in to discover more about vestibular function in Multiple Sclerosis and how you can best assess it in your patients!

The Degenerative Diseases Special Interest Group is part of the Academy of Neurologic Physical Therapy – [www.neuropt.org](http://www.neuropt.org).

Guest information:

**Graham Cochrane, MD, PhD**

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#### Related Articles

Cochrane GD, Christy JB, Motl RW. Comprehensive Clinical Assessment of Vestibular Function in Multiple Sclerosis. J Neurol Phys Ther. 2021;45(3):228-234. doi:10.1097/NPT.0000000000000358

#### Related Information/Recommended Tests

Subjective:

- Assess subjective perception of dizziness/imbalance: is it peripheral vertigo or disequilibrium/feeling of unease?
  - o Aggravating factors, presence of sensation of movement
- [Dizziness Handicap Inventory](#)

Clinical Battery of Tests:

- [Head Impulse Test](#)
- Oculomotor Measures:
  - o [Dynamic Visual Acuity](#) (with [Snellen eye chart](#))
  - o Vestibulo-ocular reflex (VOR) cancellation
- [Subjective Visual Vertical](#) (bucket test)
  - o [Variance calculator](#)
- If possible: [Modified Clinical Test of Sensory Interaction in Balance \(mCTSIB\)](#)