

## **Advanced vestibular masterclass: VHit & SHIMP (Suppression Head Impulse Test) and tests of vestibular compensation**

### **Masterclass Facilitators:**

- Dr Kamran Barin (PhD), Ohio State University, Ohio
- Dr Dayse Tavora-Vieira (PhD), Head of Department, Fiona Stanley Hospital
- Dr Roberta Marino (PhD), Senior Audiologist, Fiona Stanley Hospital

**CPD Points:** 3 points (Category 2)

### **Overview:**

This masterclass will present you with the anatomy and physiology underlying the VHit and SHIMP tests and describe clinical applications of both VHit and SHIMP. Participants will have hands on experience with both tests as well as case discussions.

The class will also cover tests of vestibular compensation such as the dynamic visual acuity tests and dynamic posturography, including the clinical usefulness of these tests and applications. Participants will also have hands on experience with the tests with clinical case discussions.

### **Learning Objectives:**

- Participants will understand the physiology of the VHit and SHIMP responses
- Mechanisms of overt and covert saccades in the Head Impulse Tests
- Usefulness of the SHIMP test and latest findings from the literature
- How VHit and SHIMP can be used as part of your differential diagnosis
- Tips and tricks in the VHit and SHIMP test set-up for challenging patients
- Describe the process of static and dynamic compensation following vestibular damage and identify how this can manifest in the dynamic visual acuity and dynamic posturography
- Understanding of clinical manifestations that can occur during various stages of vestibular compensation and implications for diagnosis and management of vestibular abnormalities