# Pacific Audiolộgy Group

# Fundamentals of Vestibular Assessment Course Outline

#### 1. Introduction to Vestibular assessment

Discusses the importance of objective vestibular assessment, considering that vestibular disorders are highly prevalent and often resulting in significant impact in quality of life. It also describes the goals of a vestibular assessment.

#### 2. Vestibular anatomy & physiology

Presents the anatomy and physiology of the vestibular system and its role in human balance.

#### 3. Recording techniques

Describes the evolution of eye recording techniques and provides the basic concepts in understanding and analyzing eye movements and nystagmus.

#### 4. Case History

Discusses the essential topics in the vestibular interview and the importance of obtaining accurate description of dizziness symptoms, aggravating and alleviating factors and medical history.

#### 5. Oculomotor testing

Describes testing techniques, parameters of analysis and diagnostic criteria for gaze stability, saccades, smooth pursuit and several other oculomotor testing.

## 6. Positional/positioning testing

Discusses testing procedures, parameters of analysis and diagnostic criteria for positional and positioning testing, including basic concepts of benign paroxysmal positional vertigo and its differential diagnosis from central positional nystagmus.

## 7. Caloric testing

Describes testing techniques, parameters of analysis and diagnostic criteria, including a discussion of advantages and disadvantages of this test and how it compares to other vestibular function tests such as vHIT.

#### 8. VHIT

Describes the physiological bases of the test, testing procedures, parameters of analysis and interpretation.

#### 9. Starting Your vestibular practice

Presents options for testing equipment and ideas of models for delivery of care, including clinical protocols and report writing.

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