

## HEARING LOSS & VESTIBULAR DYSFUNCTION

What is it?....Acoustic trauma and noise-induced hearing loss (NIHL) are associated with vestibular system impairment, particularly in the saccule, a small inner ear organ responsible for detection of head movements in the vertical plane.<sup>1,2</sup>





## Signs & Symptoms

- Abnormal Vestibular-Evoked Myogenic Potential (VEMP) test threshhold
- Sacculo-collic reflex pathway impairment
- Evidence for vestibular dysfunction<sup>3,4</sup>

## Treatment Approaches

- Audiologist assessment
- Hearing protection
- Vestibular rehabilitation as needed for sensory integration

