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Basic VNG for the ENT

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Videonystagmography (VNG) is a test designed to assess the peripheral and central vestibular systems. Although developed in the 1990's, VNG became readily available only in previous years in the Philippines. It is indicated when evaluating patients with complaints of dizziness and imbalance. Composed of a series of procedures based on the clinical exam for balance, nystagmus and other eye movements can be detected, recorded, and analyzed by computer. Referrals for VNG testing are increasing as many ENTs find it helpful and practical in their busy practice.

However, ENTs may not be familiar with the test procedures involved; how to interpret the test results or understand the accompanying graphs and curves. Furthermore, the limitations VNG may not be fully understood and disappointment with test results may ensue. This clinical encounter will aim to provide an basic overview of VNG principles and procedures, basic interpretation of test results, and provide examples VNG findings of common vestibular disorders.

Objectives

1. To review the underlying principles and procedures of

VNG testing

2. To learn basic interpretation of VNG graphs, curves, and reports
3. To learn VNG findings of common vestibular disorders