



## Reid Hearing Center

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### **VIDEONYSTAGMOGRAPHY (VNG)** (Test for Dizziness/Vertigo)

**Procedure:** Videonystagmography (VNG)

**Procedure Duration:** Approximately 90 minutes

The VNG exam is comprised of three parts: Oculomotor testing, positional testing and caloric testing. Below is a description of each part in detail.

#### **Part One: Oculomotor testing**

This test involves tracking your eye movements and the eyes' ability to focus on a target as it moves in different directions, thus providing valuable information regarding your balance system. You will be asked to watch a light (the target) on a light bar as it moves in different directions and speeds. You will wear a pair of video goggles that allow us to closely monitor your eye movements and record them for analysis.

#### **Part Two: Positional testing**

This test involves putting your head and body in different positions. You will still wear the goggles so that we can monitor and record your eyes when you are in these positions. Some of these positions may or may not make you dizzy. Your eye movements will show us which positions (if any) make you dizzy. We will record these eye movements for analysis.

#### **Part Three: Caloric testing**

This test involves briefly irrigating each ear with both cold and warm water, one at a time. You will continue to wear the video goggles so that we can continue recording your eye movements. This test is designed to stimulate the balance portion of the inner ear. We are looking to see that your vestibular nerves are functioning adequately and symmetrically. This part of the test will likely elicit a dizzy or spinning sensation from you. This is normal and is expected to happen. We will handle this by going slowly and allowing ample time for you to relax and recuperate between irrigations.

Each part of the test is analyzed and a report is generated. Your physician will receive this report and discuss the results with you in detail.

Please contact our office if you have any questions regarding your VNG exam. The number is 765-966-1600.