



PROFESSIONAL HEARING SERVICES
THE DIZZINESS AND BALANCE CENTER

DIZZINESS EVALUATION

Computerized Electronystagmography
Infrared Video Oculography
Platform Posturography
Vestibular Autorotation

AUDIOLOGY

Hearing Evaluation
Brainstem Auditory Evoked Potentials
Electrocochleography
Otoacoustic Emissions
Hearing Aid Sales and Services

VESTIBULAR AUTOROTATION TEST
(CPT Code 92546, 92547)

The **Vestibular Autorotation Test (VAT)** is a computerized test of head and eye movements to evaluate both the high frequency horizontal and vertical vestibulo-ocular reflex (VOR). The VOR system stabilizes fixation of the eyes during head rotation by causing the eyes to move in the opposite direction of the head motion. The main purpose of the VOR is to allow clear vision during movement by sending signals to move the eye muscles to compensate for the small rapid head movements that occur in everyday life. However if the speed or timing is off, even slightly, vision is distorted because of apparent movement of the visual fields.

The VAT tests the normal, everyday range of head motion where many balance disorders occur. The computer analyzes head motion and simultaneous eye movements. Electrodes record eye movement while a velocity head sensor records head movement. The VAT is used in the diagnosis of inner ear disturbances and also to monitor changes during vestibular rehabilitation.

The VAT is comfortable and easy to perform. You are asked to look at the target and move your head to the computer-generated tone. The tone begins slowly and becomes increasingly faster over an 18-second period. If requested, please be sure to fill out the dizziness questionnaire which can be found online at our website at www.prohearing.com.

Certain types of medication will affect the results, and therefore should **not be taken within 48 hours** prior to the test date. A list of these medications is listed below.

1. Sleeping pills
2. Tranquilizers
3. Antihistamines
4. Barbiturates
5. Alcoholic beverages
6. Anti-dizzy drugs
7. Sedatives
8. Muscle relaxants
9. Diuretics
10. If you are on other medications, please call to see if they should be stopped.

****DO NOT DISCONTINUE THE USE OF ANY PRESCRIBED MEDICATION
WITHOUT FIRST CONSULTING YOUR PHYSICIAN****

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