



VESTIBULAR EVOKED MYOGENIC POTENTIALS (VEMP)

The vestibular evoked myogenic potential (VEMP) is a diagnostic test used to evaluate the health of specific balance organs and associated nerves. It is usually used in a battery of other tests (VNG, ECOG, and hearing test) to determine the site of lesion for balance or dizziness in an individual.

This test is completed by recording and measuring muscle responses from the neck while a loud clicking sound is played in the ears. Even if an individual's hearing loss prohibits them from hearing the test sound, normal responses can be recorded. The tester will clean the skin of the neck, forehead, and sternum (chest). Small surface electrodes will be taped to the skin in these areas. Earphones will be placed in each ear canal. The individual will be asked to lay flat on an exam table, turn their head away from the ear being tested, and raise their head while a sound is played in their ear for up to a minute at a time. The computer will record several responses from each ear.

The audiologist will analyze the test and send the results to the referring physician for review.

It is requested that individuals who are to be tested refrain from applying lotions, foundation, or any other solution to the face, neck, and chest prior to testing. These substances can interfere with testing reliability.

If you have any questions regarding the test itself or the test instructions, please call our office at (972) 566-7359.

Appointment Date: _____ Time: _____

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