



# PROFESSIONAL HEARING SERVICES THE DIZZINESS AND BALANCE CENTER

## DIZZINESS EVALUATION

Computerized Electronystagmography  
Infrared Video Oculography  
Platform Posturography  
Vestibular Evoked Myogenic Potentials  
Cochlear Hydrops Analysis Masking Procedure

## AUDIOLOGY

Hearing Evaluations  
Brainstem Auditory Evoked Potentials  
Electrocochleography  
Otoacoustic Emissions  
Hearing Aid Sales and Service

## Otoacoustic Emissions (OAE)

Otoacoustic Emissions (CPT 92587/92588) are low-level sounds recorded from the ear, caused by motion of the eardrum in response to vibrations from deep within the cochlea. The healthy cochlea (inner ear) creates internal vibrations whenever it processes sound. An impaired cochlea usually does not. Low level acoustic stimuli, such as a click, tone or noise are presented to the ear using an ear level probe which contains a small earphone and a microphone.

### Pediatric Instructions for Otoacoustic Emissions Testing

We have scheduled a comprehensive OAE examination for \_\_\_\_\_  
at \_\_\_\_\_ at Professional Hearing Services (Falls Church office).

The OAE procedure is best accomplished while your child is restful or asleep. **It is recommended that you do not allow your child to nap prior to the test.** You can plan to feed your child at the appointment as it will help to facilitate sleep.

If there is any fluid in your child's ears we cannot do the OAE examination. It is recommended that you have your child's pediatrician check the ears prior to this appointment.