



Orlando Ear, Nose & Throat Associates, P.A.

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Ear, Nose & Throat

Head & Neck Surgery, Facial Plastic Surgery, E.N.T. Allergy, Hearing Aids

Patient Instructions for ECOG & ABR Testing

What is this Test?

Electrocochleography (ECOG) is a test that records the electrical activity from the cochlea (inner ear) specifically in response to sounds.

The purpose of an Auditory Brainstem Response (ABR) is to evaluate and record electrical activity from the auditory nerve to the brainstem, in response to sounds.

Where is/are the test completed?

The testing is performed by an audiologist at Orlando Ear, Nose and Throat in either the Orlando or Oviedo offices:

Orlando: 5830 Lake Underhill Road (407) 658-1335

Oviedo: 8000 Red Bug Lake Road (407) 971-3337 ext 311

What preparations are needed?

1. Wear comfortable clothing.
2. Do not wear any make-up or face cream.
3. Do not drink any caffeine beverages (coffee, soda, tea, etc.) or use any tobacco (nicotine) products on the day of testing.

What should I expect during testing?

Electrodes will be placed on the patient's face and in the ear canal to obtain recordings. While sleeping or resting quietly, the patient will hear loud clicking sounds through earplugs. (It is important for the testing that the patient remains relatively still and with their eyes closed throughout the testing.) The responses to these sounds will be recorded by a computer and analyzed by the audiologist. The ABR and ECOG testing should take about 45 minutes.

The patient should be scheduled for a follow-up appointment for test results, to be reviewed by the ENT physician, in about ONE WEEK.

What if I have further questions?

If you have any other questions regarding this test, you can speak with an audiologist by calling the Audiologists at the Orlando (407) 658-1335 or Oviedo (407) 971-3337 ext.311 offices.