



AUDITORY BRAINSTEM RESPONSE (ABR)

ELECTROCOCHLEOGRAPHY (ECoG)

These two types of tests evaluate how well sounds travel along the auditory nerve from the inner ear to the brainstem. They can be used to identify hearing loss and to evaluate the integrity of the auditory nerve. Both tests involve the placement of electrodes and both are painless and non-invasive.

Once the electrodes are in place, the patient will hear a series of loud, rapid clicks. A computer will record the brainwave response to these clicks. The patient is not required to respond in any way, however, they must remain quiet and still during the testing. For adults, you may read or use gaming devices (with the sound turned off). If your child is being tested, please bring books, gaming devices (no sound), coloring books, snacks—anything that will keep your child quiet! For babies and infants, it is ideal for them to be asleep during the testing. It may help to deprive them of sleep for several hours before the test and then feed them shortly before the test begins.

These tests take approximately one hour each. You will see your physician within five days and they will review the results with you.

If you need to cancel this test, please do so within two business days prior to the test. Failure to do so will result in a \$150.00 charge.