



Auditory Brainstem Response Test (ABR): What to Expect at Your Child's Audiology Appointment

The results of your child's newborn hearing screen suggest your child needs a follow-up test at the Pediatric Otolaryngology Clinic at Mott Children's Hospital. Detecting hearing loss early is important so that you can begin to manage your child's medical, educational and additional resources for hearing loss as soon as possible.

Your child's ABR appointment has been scheduled for: _____

What is an Auditory Brainstem Response (ABR) Test?

Auditory Brainstem Response (ABR) testing is a hearing test performed while a child is sleeping. Electrodes are placed on the forehead and near each ear. Different sounds are played through earphones, and the child's brainwaves are recorded in response to the sounds played.

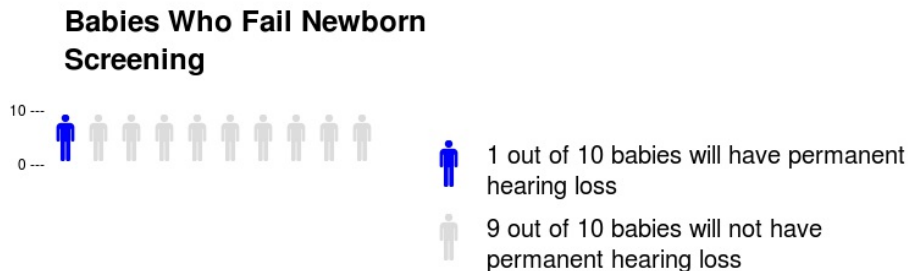
Why is this test important?

Your child's newborn hearing screening test showed that they need further testing. ABR test provides more information than the hearing screening test. This information will help us determine if your child has typical hearing or if they have hearing loss. Hearing loss can range from minimal to profound in one or both ears.

Hearing loss, if left undiagnosed, can affect a child's speech and language development, cause learning delays, and impact their social skills. Detecting hearing loss early, preferably no later than six months of age, helps prevent speech and language and other associated development delays.

What is the chance my child will have permanent hearing loss?

1 out of 10 babies that fail a newborn hearing screening will have permanent hearing loss.



Of those babies with permanent hearing loss, 19 out of 20 are in families where there is no history of childhood hearing loss.

What are my instructions for the appointment?

In order to get the best results on this follow-up test, please follow these important steps:

- **Your child must be sleeping during this test in order to obtain results.** We ask that you bring your baby in tired and hungry and then feed your baby at the appointment. While we understand that this can be very challenging, it is best if you do not let your child sleep in the car ride to the hospital. This will help your baby be ready to sleep for the test.
- **Please allow up to 2 hours for this test.** The test itself may not take two hours, however, we allow extra time in case your baby has difficulty falling asleep.
- **Please bring** extra diapers, milk or formula to feed the baby, blankets and a pacifier in order to insure your child's comfort.
- **Please arrive** at the medical center 20 minutes before your appointment to allow for parking and finding your way to the clinic. **The Pediatric Otolaryngology and Audiology Clinic is located on floor #2, Reception A.**
- The test is conducted in a small, quiet room. We suggest you do not bring other young children with you. Please make plans for family or friends to

care for your other children while you are at the hospital for this appointment.

- If you need to cancel or reschedule this appointment, please call (734) 936-8051. In order to have information about your child's hearing as early as possible, we encourage you to keep your original appointment.

Where is the hospital located?

- C. S. Mott hospital is located at 1540 East Hospital Drive, Ann Arbor, MI. To view maps and directions for Mott Children's Hospital and other Pediatric Services around the State of Michigan please visit our website at <http://www.mottchildren.org/mott/maps-directions>

Where is the Clinic?

- The Pediatric Audiology clinic is located at C. S. Mott Children's Hospital on Floor 2, Reception A.
 - If you plan to park in a UMHS parking structure for more than four hours, please bring your parking ticket to your appointment for validation to obtain a reduced rate.
- Please visit our parking services webpage for more information at <http://www.mottchildren.org/mott-patient-visitor-guide/mott-parking>

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