

# ARIZONA

## HEARING CENTER

Neurotology/Audiology

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### **AUDITORY BRAINSTEM RESPONSE (ABR) PEDIATRIC ABR WITHOUT SEDATION INSTRUCTIONS**

Your child has been scheduled for an auditory brainstem response (ABR) evaluation. An ABR is a test that evaluates the function of the hearing pathway, from the ear to the brainstem, without the need for your child to respond. This test is scheduled because your child referred on a newborn hearing screening or hearing loss is of concern; therefore, a more detailed evaluation of your child's hearing is needed.

In order to perform this evaluation, your child must sleep throughout the test. Test results are not accurate if the child is alert. Please schedule the evaluation during your child's usual nap time. The test will take approximately 2 hours.

Please keep your child awake until the appointment so that sleep during the test is possible. This may require you to have someone with you to keep the child awake on the car ride. When you arrive for your appointment, you will be taken to an exam room where we will prepare for the test. During preparation, we will scrub your child's skin and place electrodes on your child's forehead, on each ear and on the back of the neck. This procedure does not hurt. You will be able to feed your baby after preparation. Once your child is asleep, earphones will be placed in your child's ears that will present different tones and clicks. There will not be any discomfort during the test. Most babies sleep through the test. Bring anything you need to help your child sleep; blankets, pacifiers, diaper change, etc. The more peacefully the baby sleeps the easier and faster it is to collect the data needed to determine hearing status. If your child does not remain asleep for the test, we may need to reschedule the appointment.

Due to the complexity of this evaluation and the time allotted for the test, please contact our office right away if you are not able to keep your appointment. If you have questions or concerns please feel free to contact our office.

Appointment Date/Time: \_\_\_\_\_