

Centre for Hearing and Balance Disorders

Paediatrics: Your Child's Hearing Test Appointment: Pure Tone Audiogram (Older Child)

Your child has been invited to the Centre for Hearing and Balance Disorders today so we can undertake a pure tone audiogram. A pure tone audiogram is another name for a hearing test.

A hearing test is a simple, painless method of looking at the pathways of the ear. Your child will be seen by an audiologist and the appointment will take place in either a sound proof or sound treated room.

University Hospitals Coventry and Warwickshire NHS Trust is a teaching centre and there may be a health professional trainee present in the clinic. If you do not wish them to attend then please inform the clinic staff when you arrive.

The audiologist carrying out the hearing test will explain everything beforehand and will answer any questions you may have.

A set of headphones or ear phones will be placed over your child's ears. Through these headphones they will hear a series of bleeps and tones and they will be asked to press a button every time they hear a sound. We are looking for the quietest sound that they can hear so it is important to press even when the tone or bleep is really faint.

When testing with headphones or earphones, the sounds go into the ear canal, through the middle ear to reach the inner ear. This is known as air conduction testing.



Patient Information

Air conduction testing looks at how the whole hearing system responds to sound.

After we have tested with the headphones, another device called a bone vibrator is placed behind the ear. As with the headphones your child will be asked to press the button every time they hear a sound. Testing with the bone conductor sends sounds directly to the inner ear. Sounds are sent through the bones of the head and do not pass through the eardrum or the middle ear. This is called bone conduction testing

The appointment will take approximately half an hour and the hearing test can take up to 20 minutes. The hearing test is painless and does not have any side effects.

Reference: Boys Town National Research Hospital

www.boystownhospital.org/Pages/default.aspx

The Trust has access to interpreting and translation services. If you need this information in another language or format please contact 024 7696 6444 and we will do our best to meet your needs.

The Trust operates a smoke free policy

Document History

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