

## Patient advice and liaison service (PALS)

If you have a compliment, complaint or concern please contact our PALS team on 020 7288 5551 or [whh-tr.whitthealthPALS@nhs.net](mailto:whh-tr.whitthealthPALS@nhs.net)

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Whittington Health NHS Trust  
Magdala Avenue  
London  
N19 5NF  
Phone: 020 7272 3070  
[www.whittington.nhs.uk](http://www.whittington.nhs.uk)

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# Auditory brainstem response (ABR) test results

## Information for parents

Department of Audiovestibular Medicine

St Ann's Hospital, St Ann's Road, N15 3TH



Name.....

Hospital number.....

Date.....

The results of your child's auditory brainstem response (ABR) test have been plotted on a graph called an audiogram (hearing chart) so you can better understand the hearing test results obtained today. The audiogram is attached.

An audiogram is used to record the measurements of different volumes (decibels) and frequencies (itches) of sounds you are able to hear.

### Speech banana

When all of the most typical frequencies and decibels of common sounds required for speech were initially plotted on an audiogram and a line was drawn around them, the shape looked like a banana. Sometimes we refer to this area as a 'speech banana'.

### Test Results

It's important to remember that an ABR provides results which have confidence limits (i.e; a range of levels that the true hearing level may fall within).

Hearing levels can also vary with colds.

We will build up a more detailed picture of your child's hearing through ongoing assessments. As your child gets older, we will test them with different methods called behavioural tests, which rely on your child making a response to a sound stimulus.

### Key to audiogram

Circles = right ear

Crosses = left ear