

## Soundfield testing

If your child has had a soundfield test, this type of test plays a sound in the room. Both ears are working together to hear the sound. We therefore are unable to determine which ear the sound has been heard by. If your child has a better ear, the better ear may have picked up the sound.

If your child has been discharged from our service based on soundfield information, we are able to determine that the child's hearing is likely satisfactory for speech and language development.

Sometimes soundfield testing may be used with addition of other tests such as objective testing methods eg tympanometry or otoacoustic emissions. Although we have completed the hearing assessment with soundfield testing, the tympanometry and otoacoustic emissions can give us ear specific information to build a bigger picture of the function of each ear individually.

## Ear specific testing

This provides information for each ear independently. Objective and behavioural testing methods can be used to obtain information for each ear.

**If you need help to understand this leaflet or would like it in a different language or format such as large print, Braille or audio, please ask a member of staff.**

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## Your child's hearing test results... what do they mean?

### Community paediatric audiology - information for parents and carers



This leaflet accompanies the summary the audiologist has discussed with you regarding your child's hearing test results.

**If you have any questions or would like to discuss your results further, please contact us on:  
0116 295 3919**

## Which tests were carried out?

| Tick                  | Test name  |  | Type of test               | Comments |
|-----------------------|--|--|----------------------------|----------|
| <input type="radio"/> | <b>Distraction</b><br>Sounds played behind your child, the child turned to the sound.  | <b>Behavioural assessments</b><br>This type of test requires the child to respond, this can vary depending on the child's developmental age. Responses may include head-turns, using a toy or saying yes / pushing a button. | Soundfield                 |          |
| <input type="radio"/> | <b>Visual reinforcement audiometry</b><br>Sounds played to your child through a speaker at the side, your child turned and was rewarded with a visual/animated picture/clip.   |  | Soundfield<br>Ear specific |          |
| <input type="radio"/> | <b>Speech testing</b><br>Your child's ability to hear words by pointing to a toy.  |  | Soundfield                 |          |
| <input type="radio"/> | <b>Play testing</b><br>A sound was played and the child put a man in the boat/coin in the pig/ball on stick etc.   |  | Soundfield<br>Ear specific |          |
| <input type="radio"/> | <b>Pure tone audiometry</b><br>Your child wore headphones and said yes/pressed a button when they heard the sound.   |  | Ear Specific               |          |
| <input type="radio"/> | <b>Otoscopy</b><br>Examination of the ear with a torch.  |  | Ear Specific               |          |
| <input type="radio"/> | <b>Tympanometry</b><br>A pressure test to examine the movement of the eardrum to check for any middle ear fluid (glue ear).  | <b>Objective testing</b><br>This is an automatic test. It requires little co-operation, your child needs to be as still and quiet as possible but they do not need to give a response or do anything themselves.             | Ear Specific               |          |
| <input type="radio"/> | <b>Otoacoustic emissions</b><br>An automatic test to check the function of the cochlear – organ of hearing. It rules out a significant hearing loss. This does not rule out a mild hearing loss. However, a mild hearing loss is unlikely to cause significant impact to speech / development. |  | Ear Specific               |          |