

Hearing screening for Infants

The idea of the test

The idea of an otoacoustic emission test is to find out how the sensory cells of the inner ear function by measuring the extremely soft sounds generated by the ear itself with the help of a sensitive microphone. The test does not directly measure hearing but, practically, normal emission responses rule out significant hearing defects excluding some rather rare exceptions. The examination is very sensitive to many distractions and therefore the lack of response does not necessarily mean that there is something wrong with hearing.

The examination

In the examination, a probe is placed in the ear. While sending out an audio signal, this earplug-like device measures sounds emitted from within the ear. The examination is successful when the child calmly stays still and the surroundings are quiet. When necessary, it is best to feed the child before the examination if he/she is hungry.

It is advisable to take a feeding bottle, dummy and pram for the baby with you. The test is painless and is best carried out when the child is asleep.

An hour's appointment has been made for the examination.

Hearing screening tests are conducted at Satasairaala for all newborns. In case the test could not be carried out successfully at birth, a new appointment for

Contact information

If you have questions about the test please contact the Audiology Centre of Satasairaala. Times for calling: Monday, Wednesday, Thursday, Friday at 8-10am and Tuesday at 12-1pm.

Phone 02 627 7259

An appointment on for the purpose of conducting a hearing screening test at THE AUDIOLOGY CENTRE of Satasairaala. The Audiology Centre / Kuuloasema B2 is in B Building, 2nd floor.