

Abstract EFAS/DGA 2007

Expectation of cochlear implant benefits prior to implantation

Piotrowska, A., Putkiewicz, J., Lorens, A., Pankowska, A., Zgoda, M., Lutek, A., Skarżyński, H.

International Center of Hearing and Speech, Warsaw, Poland

Background

Reasonable expectation after cochlear implantation may include improved detection of speech and environmental sounds, improved speech reading ability, speech ability or clarity of the patient's speech. The benefits are difficult to predicted. There are many factors that contribute how well a person dose with a cochlear implant.

Purpose

The purpose of this study was to evaluate the CI candidates expectation.

Material and Methods

43 adults subjects aged between 21 to 63 and 47 children aged between 5 months to 17 were underwent this investigation. All with different speech ability and different time of hearing lost. To asses subjects' expectation questionnaire technique was used during the diagnostic procedure to cochlear implant.

Results

The findings reflect that in both group expectations are concentrated on development in speech ability.

Conclusion

Both, the patient and family mostly are interested in improvement in communication ability. If we consider all factors which influence benefits it is very important to based the expectation on discussion with the audiologist and surgeon before the operation.

