

Wyniki wieloletniej rehabilitacji osób zaimplantowanych wszczepem ślimakowym z towarzyszącym upośledzeniem widzenia

Cochlear implantation in visually impaired patients -long-term rehabilitation results

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Summary

The aim of the study was to assess the rehabilitation results in visually impaired patients with cochlear implants. Material consisted of 9 patients (2 with prelingual deafness, 3 with perilingual deafness, 4 with postlingual deafness) from 244 implanted persons in Poznań. Methods: In all the patients the rehabilitation results were evaluated using Test of Auditory Perception of Speech (TAPS) and screening test. Results: In the group of patients with pre- and perilingual deafness a little bit slower progress of rehabilitation was found, according to 117 persons with prelingual deafness and 34 persons with perilingual deafness without vision disorders. Within the group of patients with postlingual deafness important progress of rehabilitation was observed. Two brothers with Usher syndrome 1-2 months after speech processor switch-on reached the high-est level of test, they could communicate with family. One person after 5 months of rehabilitation could talk by phone without any problems. In all implanted visually impaired patients improvement of auditory perception of speech was observed.