

OUTCOME ASSESSMENT IN ELDERLY HEARING AID USERS USING THE INTERNATIONAL OUTCOME INVENTORIES FOR HEARING AID (IOI-HA)

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This study was carried out to investigate hearing aid (HA) outcome in elderly HA users aged between 60 to 80 years old. Thirty subjects with moderate to severe sensorineural hearing loss participated in this study. The study examined whether factors such as gender, different duration of HA usage and monaural or binaural HA fitting affected HA outcome as measured using the IOI-HA questionnaire. HA outcome was evaluated in eight different aspects which were use, benefit, residual activity limitation, satisfaction, residual participation restriction, impact on others, quality of life and subjective hearing difficulty. The overall median score for each item in IOI-HA showed that the majority of subjects felt that HA usage helped them to hear better. Mann Whitney test was used to examine whether the IOI-HA scores differed with gender, different duration of HA usage and monaural or binaural HA fitting. The results showed no significant differences in IOI-HA scores for all the tested variables. In conclusion, all the tested variables have no effect on HA outcome.

Mohd Yusoff, W. N. H. 2007. Outcome Assessment in Elderly Hearing Aid Users using the International Outcome Inventories for Hearing Aid (IOI-HA). Bachelor of Audiology Thesis. Universiti Kebangsaan Malaysia.