

SPEECH AUDIMETRY TEST MATERIAL IN MANDARIN LANGUAGE

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The objective of this study was to develop Mandarin word lists for speech audiometry testing. 100 Mandarin words were chosen from a frequency dictionary of primary school vocabulary based on 4 criteria. Words familiarity test revealed all chosen words were familiar and common for those who acquired Chinese language until secondary school level. 10 word lists were formed with each list consists of 10 words. The word lists were then recorded into magnetic tape by a female speaker voice. The recorded speech material was used for speech audiometry test in 10 subjects with normal pure-tone thresholds. Consistency among the word lists analyzed using One Way Anova with the result showed no significant difference statistically for 9 of the 10 lists. The normal Mandarin speech curve was developed based on results using the 9 lists. It is hoped that Mandarin speech audiometry can now be carried out in audiology clinic.

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