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| Thesis Title | RAMA SD-III Words Picture Speech Discrimination Test for Children |
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ABSTRACT

Speech discrimination tests were critically important in the assessment of hearing. Since young children has different speech and language abilities, there was a need to use separate word lists for this group. The purpose of this study was to develop a word-picture speech discrimination tests for children below eight. The Rama SD-III consisted of 126 word-pictures which divided into six lists. Each list had 21 nouns to cover 21 Thai consonants. Each plate had one common initial consonant with various contents. The test words were selected from elementary text-books. 200 normal hearing children in the elementary school in Bangkok were used as subjects. Their ages were between three to eight years. They were required to repeat and point to pictures as instructed. The results of the analysis of variance

showed : 1) There was a significant difference in the speech discrimination scores between pointing and repeating words. 2) There was no difference in the performance for both boys and girls with the same age group. 3) The scores obtained from pointing and repeating words were the same for each age group. Since 21 consonants were difficult to converted into percentage, /ʔ/ was deleted because it had semi-vowel characteristic. Therefore, the new Rama SD III word-picture tests were modified into twenty words per list. The results of this study indicated that the word-pictures were appropriated for testing speech discrimination abilities in children between three to eight.