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PETCHARAT MONTHA. : ORTHOGRAPHIC ERRORS OF TONE MARKERS IN THAI APHASIC PATIENTS. THESIS ADVISOR : ASSIST. PROF. SUDAPORN LUKSANEYANAWIN, Ph.D. THESIS CO-ADVISOR : ASSIST. PROF. NIJASRI CHARNNARONG, M.D. 157 pp. ISBN 974-331-986-7.

This thesis attempts to study the errors of tone markers in thai aphasic patients in terms of the Thai orthographical system, and the relations between the errors of tone markers and the cerebral pathology in thai aphasic patients.

The results of the study are as follows:

1. The study on the orthographic errors of the aphasic patients compared normal subjects, who belong to the same educational and socio-economic background as the patients, reveals that

1.1 The orthographic errors of tone markers in aphasic patients are higher than in normals and the orthographic errors of tone markers in aphasic patients exhibited clearly in words spelt by the two orthographic rules : words of long lived syllable without final consonant ending, with or without tone markers and words of short dead syllable without final consonant ending, with or without tone markers.

1.2 Other orthographic errors besides those of tone markers are these types of error helped distinguish aphasic patients from normals and they can be different between the orthographic errors of aphasic patients and normals clearly and there are more in aphasic patients.

1.3 Words which can't be spelt are found only in aphasic patients.

2. The relation between the orthographic errors and the cerebral pathology of aphasic patients are as follows : the numbers of orthographic errors varied according to the degree of the cerebral pathology severity. Other defects such as speech production also helped in the diagnosis. Orthographic errors are also influenced by other factors such as age and the degenerations due to aging, and the frequency of written language use.

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