

Thesis Title A Comparison of Test Results Between
Brain - Lesioned Patients and Normal
Subjects Using The Trail Making Test
and The Aphasia Screening Test

Name Walaiporn Chaisongkram

Degree Master of Science (Clinical Psychology)

Thesis Supervisory Committee

Jirapa Sudthipan, B.Ed., M.Ed. (Ed.Psy. & Guidance)

Kamman Panthumchinda, M.D., M.Sc. (Cli. Epi.)

Kanoknart Yingcharoen, B.Sc., M.Sc., Ph.D.

Krongtong Khairiree, B.Ed., M.Sc. (Statistics)

Date of Graduation 29 September B.E. 2532 (1989)

ABSTRACT

The purpose of this study was to investigate the test results from The Trail Making Test and The Aphasia Screening Test between brain - lesioned and normal subjects. Nineteen subjects with structural brain - lesioned and thirty normal controls participated. It was found by discriminant analysis that The Trail Making Test and The Aphasia Screening Test were capable of diagnosing brain damage in general. The test results of brain - lesioned and normals were significantly different at .05 level. The interval estimation of mean time score of normal individuals on The Trail Making Test Parts A and B were between 31 - 39 sec. and 75 - 92 sec. consecutively. The interval estimation of the mean positive - sign frequency on The Aphasia Screening Test of normal individuals occurred between 0.59 - 1.27 positive signs. Details of subjects difficulties in performing the tests were also discussed.