

Thesis Title                    A Comparison of Test Results Between  
Organic Brain Lesion and Non-organic  
Brain Lesion Patients Using the  
Stroop Color and Word Test

Name                                Miss Vanida Yamkeaw

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Major-Advisor                    Archarn Somsong Suwanlert

Co-Advisor                        Assoc. Prof. Dr. Nipphon Pongvarin  
Assist. Prof. Dr. Kanoknart Yingcharoen  
Archarn Kanokrat Sukhatunga  
Archarn Sarapee Leeprasert

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#### Abstract

In recent year there has been an increased interesting in utilizing neuropsychological tests that can diagnose accurately brain damage. The advantage of the Stroop Color and Word Test-include that it is useful in identify brain damage, require a minimum of equipment and is easy to administer and score. The present study investigated the validity and reliability of the Stroop Color and Word Test matching 60 pairs of brain damaged subjects on age, sex and education with nondamaged subjects who had been hospitalized at Siriraj Hospital for other physical reasons. It was found by discriminant analysis that the Stroop Color and Word Test, considered as a screening device, is capable of diagnosing brain damage. The test results of brain damaged and nonbrain damaged subjects were significantly different at level .001. The relationship of age, sex and education with test performance was also presented.