

# **Neurological Deficits among HIV/AIDS Patients**



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## Certificate of Approval

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## **Dedication**

This thesis is dedicated to my beloved Parents who really supported me in this work.

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## **Abstract**

The aim of the present study is to find out the neurological deficits among HIV and AIDS patients. The objective of this study is to find out the side effects of medication mainly focusing on neurological deficits in HIV/AIDS. The hypothesized of this study was patients of AIDS have more neurological deficits rather than HIV patients. Cross sectional research design was used to test this study. Purposive sampling was used to select the participants and 90 patients were selected among them, 32 patients of HIV (no medications) and 58 patients of AIDS (on medications). Wechsler Memory Scale, Digit Span, Paired Associate Learning Test and Memory for Design test were used as measures in this study. The mean of the age of the participants was 32.83( $N=90$ ) with the SD of 8.20. The analysis was carried out by t-test and chi-square and the assessment results revealed that patients of HIV/AIDS have neurological deficits as it was shown in the tests of Logical Memory and PALT that the patients have  $p < .001^{***}$  and on Memory for design patients have  $p < 0.003^{**}$ . These results supported the hypotheses that the patients of HIV/AIDS have problem mainly in thinking, processing, decision making, etc.

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