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2022/2023 PhD Thesis Abstract

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RT: Relationship between Utilization of Database Management System and Hiv/Aids Surveillance in University of Maiduguri Teaching Hospital, Borno State, Nigeria

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AB: Since the emergence of this dreaded Human Immune Deficiency Virus (HIV) and the Acquired Immune-deficiency Syndromes (AIDS) in Nigeria in 1986, there have been concerted medical and educational efforts aimed at halting the impact, spread, risk and transmission of the disease. One of such efforts is the utilization of Database management systems on HIV/AIDS Surveillance by public health professionals. Tracking, Categorization and Utilisation of core, incidence, behavioural, and enhanced perinatal surveillance as a source of care and research issues which seems to differ among public health professionals in University of Maiduguri Teaching Hospital. The objectives of this study are to determine the relationship between database management system and HIV/AIDS Core, Incidence, Behavioural and enhance perinatal surveillance among public health professionals in University of Maiduguri Teaching Hospital, Nigeria.

The result reveals a significant relationship between database management system and HIV/AIDS surveillance monitoring of the epidemics. Similarly, the study reveals significance of public health professionals because the findings shows clearly the importance of database as means for easy access, tracking, storage and retrieval of HIV/AIDS surveillance in University of Maiduguri Teaching Hospital, Nigeria. The study determines the relationship between database management system and HIV/AIDS surveillance among public health professionals in University of Maiduguri Teaching Hospital, Nigeria. The study is delimited to core, incidence, behavioural

and enhanced perinatal as HIV/AIDS surveillance types. Similarly, the study is delimited to public health professionals of such as Doctors, Nurses, Laboratory Scientist, Pharmacist, Health Information Officers and Social Welfare Officers.

A correlational design was adopted for the study and purposively the whole 70 population was used as sample size. The participants comprises of all the health care providers working at the Anti-retroviral clinic (ARV) as the sample size. They are medical doctors, Nurses, Health Information Officers, Laboratory Scientist, Pharmacist, and Social Welfare Officers). The instrument used is a 24 items questionnaire on a modified 5 point likert type was validated by the research's supervisor and other experts of the Department of Physical and Health Education, University of Maiduguri. Cronbach's alpha was used to test reliability of the research instrument. Pearson Product Moment Correlation (PPMC) Coefficient was used to determine the linear relationship between the independent (database) and the dependent (surveillance) variables. These findings reveal significant relationship between the HIV/AIDS surveillance and database management system by public health professional in University of Maiduguri Teaching Hospital, Nigeria. It is against this background that this study is designed to determine the utilization of Database Management System on HIV/AIDS surveillance in terms of relationship among public health professionals.

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Abbreviations: RFN: Researcher's Full Name, RD: Researcher's Department, RS: Researcher's School, RE: Researcher's Email, RAE: Researcher's Alternate Email, RP: Researcher's Phone Contact, RT: Registered Title, MS: Main Supervisor, ME: Main Supervisor's E-mail Address, SP: Main Supervisor's Phone Contact, CS: Co-Supervisor, CE: Co-Supervisor's E-mail Address, CP: Co-Supervisor's Phone Contact, AB: Abstract

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