

Factors Associated with Increase of Diabetic Foot Ulcers in Diabetic Patients in Nyahururu County Hospital

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Abstract : The study aims to determine factors contributing to increasing rates of DFU among DM patients attending clinics in Nyahururu County referral hospital, Laikipia County. The study objectives include;- To determine the demographic factors contributing to increased rates of DFU among DM patients, determining the sociocultural factors that contribute to increased rates of DFU among DM patients and determining the health facility factors contributing to increased rates of DFU among DM patients attending DM clinic at Nyahururu county referral hospital, Laikipia County. This study will adopt a descriptive cross-sectional study design. It involves the collection of data at a one-time point without follow-up. This method is fast and inexpensive, there is no loss to follow up as the data is collected at one time point and associations between variables can be determined. The study population includes all DM patients with or without DFU. The sampling technique that will be used is the probability sampling method, a simple random method of sampling will be used. The study will employ the use of questionnaires to collect the required information. Questionnaires will be a research administered questionnaires. The questionnaire developed was done in consultation with other research experts (supervisor) to ensure reliability. The questionnaire designed will be pre-tested by hand delivering them to a sample 10% of the sample size at J.M Kariuki Memorial hospital, Nyandarua county and thereafter collecting them dully filled followed by refining of errors to ensure it is valid for collection of data relevant for this study. Refining of errors on the questionnaires to ensure it was valid for collection of data relevant for this study. Data collection will begin after the approval of the project. Questionnaires will be administered only to the participants who met the selection criteria by the researcher and those who agreed to participate in the study to collect key information with regard to the objectives of the study. The study's authority will be obtained from the National Commission of Science and Technology and Innovation. Permission will also be obtained from the Nyahururu County referral hospital administration staff. The purpose of the study will be explained to the respondents in order to secure informed consent, and no names will be written on the questionnaires. All the information will be treated with maximum confidentiality by not disclosing who the respondent was and the information.

Keywords : diabetes, foot ulcer, social factors, hospital factors

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