

A Two Arm Double Parallel Randomized Controlled Trail of the Effects of Health Education Intervention on Insecticide Treated Nets Use and Its Practices among Pregnant Women Attending Antenatal Clinic: Study Protocol

Authors : Opara Monica, Suriani Ismail, Ahmad Iqmer Nashriq Mohd Nazan

Abstract : The true magnitude of the mortality and morbidity attributable to malaria worldwide is, at best, a scientific guess, although it is not disputable that the greatest burden is in sub-Saharan Africa. Those at highest risk are children younger than 5 years and pregnant women, particularly primigravidae. Nationally, malaria remains the third leading cause of death and is still considered a major public health problem. Therefore, this study is aimed to assess the effectiveness of health education intervention on insecticide-treated net use and its practices among pregnant women attending antenatal clinics. **Materials and Methods:** This study will be an intervention study with two arms double parallel randomized controlled trial (blinded) to be conducted in 3 stages. The first stage will develop health belief model (HBM) program, while in the second stage, pregnant women will be recruited, assessed (baseline data), randomized into two arms of the study, and follow-up for six months. The third stage will evaluate the impact of the intervention on HBM and disseminate the findings. Data will be collected with the use of a structured questionnaire which will contain validated tools. The main outcome measurement will be the treatment effect using HBM, while data will be analysed using SPSS, version 22. **Discussion:** The study will contribute to the existing knowledge on hospital-based care programs for pregnant women in developing countries where the literature is scanty. It will generally give insight into the importance of HBM measurement in interventional studies on malaria and other related infectious diseases in this setting.

Keywords : malaria, health education, insecticide-treated nets, sub-Saharan Africa

Conference Title : ICPH 2023 : International Conference on Public Healthcare

Conference Location : Singapore, Singapore

Conference Dates : January 09-10, 2023