



Applicant Information

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Abstract Details

Title:

FACTORS AFFECTING THE UTILIZATION OF INTERMITTENT PREVENTIVE TREATMENT (IPT) AMONG PREGNANT WOMEN IN THE HOHOE MUNICIPALITY, VOLTA REGION, HOHOE

Category:

Maternal and child health

Authors:

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Objectives:

Malaria in pregnancy can lead to complications. The World Health Organization (WHO) recommends intermittent preventive treatment in pregnancy (IPTp) with sulfadoxine-pyrimethamine (SP), advising at least three doses. Yet achieving the recommended coverage remains challenging hence the need to investigate the factors affecting the utilization of IPT among pregnant women.

Method:

A quantitative cross-sectional among a total of 275 pregnant women and were selected through convenient sampling. An interviewer-led structured questionnaire was used in collecting the data on a Kobo Collect software application. Data was exported to Excel then later analyzed with STATA Version 17. Descriptive and inferential statistics was performed.

Results:

Out of 275 participants, 69.5% were aware of IPT. Married and divorced/separated women were 3.5 and 6 times respectively more likely to have high IPT knowledge compared to single women (adjusted odds ratio [aOR] = 3.5, 95% CI: 1.43-8.99, p = 0.006) (aOR 6.43, 95% CI: 1.37-30.26, p = 0.018), and those who have previously taken IPT were 3.35 times more likely to have high knowledge (aOR = 3.35, 95% CI: 1.85-6.06, p < 0.001). Key barriers to IPT utilization included safety concerns (31.5%), negative perceptions or experiences (25.7%) lack of knowledge (21.8%), and others such as G6PD patients.

Conclusion:

The findings state the need to maintain strategies aimed at giving knowledge and understanding of IPT among pregnant women. Also support, marital status and service delivery should also be taken into consideration in implementation. Addressing the identified barriers of IPT services will go a long way to increase IPT utilization.

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