



Applicant Information

Applicant Name	Applicant Email	Affiliation	Country
Mr James Kojo Kolangye	jkolangye20@sph.uhas.edu.gh	University of Health and Allied Sciences	Ghana

Abstract Details

Title:

Awareness and Willingness to Use HIV Self-Testing Among Secondary School Students in Hohoe Municipality

Category:

Communicable diseases (Malaria, TB, HIV, NTD)

Authors:

James Kojo Kolangye¹, Wisdom Takramah²

Objectives:

To determine the awareness level and the willingness to use HIV Self-Testing among secondary school students

Method:

An analytical cross-sectional study surveyed 303 secondary school students using a structured questionnaire. Schools were conveniently sampled, and respondents were selected randomly through balloting. Data were analyzed using STATA 17 and presented with tables and graphs. Association was established using binary and multivariate logistic regression ($p < 0.05$, 95% confidence).

Results:

A total of 303 secondary school students participated with a 98% response rate. Awareness of HIVST was 45.54%, while willingness to use HIVST was 83.83%. Students who had tested for HIV before were more likely to be aware of HIVST (aOR = 2.032, 95% CI: 1.159-3.560, $p = 0.013$). Condom users were almost five times more likely to be aware (aOR = 4.883, 95% CI = 1.476-16.155, $p = 0.009$). Those with multiple partners (aOR = 0.216, $p = 0.013$) and those agreeing their age group is at risk (cOR = 3.290, $p = 0.00$) were willing to use HIVST.

Conclusion:

This study showed that willingness to use HIV self-tests in the future was high. However, awareness of HIV self-test is low. It is crucial to prioritize willingness and awareness activities, particularly among the sex of respondents, recent HIV risk, and those who have not tested for HIV

Submission Date:

2024-09-23 13:38:31