



## Applicant Information

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## Abstract Details

### Title:

Human Papillomavirus Awareness and Vaccination Uptake Among High School and Tertiary-Level Students in Selected Districts in Ghana.

### Category:

Communicable diseases (Malaria, TB, HIV, NTD)

### Authors:

Sylvia Kekeli Asafo, Michael Appiah Danso, Awolu Adam

### Objectives:

The study aimed to assess HPV awareness, vaccination uptake, and factors influencing HPV vaccination among high school and tertiary students in selected districts of Ghana.

### Method:

A quantitative cross-sectional study with 423 participants from 4 tertiary institutions and 2 high schools in Hohoe and Nkoranza municipalities. A multi-stage sampling design was employed. Structured questionnaires were used for interviews. Data was analyzed using Stata 17. Descriptive statistics, Chi tests, and logistic regression were used to analyze associations.

### Results:

The study showed that 73% of the participants were unaware of HPV/HPV vaccines, with only 7% vaccinated. However, 69% considered HPV vaccination important, and 53% intended to vaccinate. Logistic regression showed that marital status ( $p < 0.012$ ), social/peer influence ( $p < 0.001$ ) and healthcare provider recommendations ( $p = 0.001$ ) were significantly associated with vaccination uptake.

### Conclusion:

HPV awareness and vaccination rates remain low, although a significant proportion of the participants intend to vaccinate in the future. There is a need for targeted awareness campaigns to address awareness gaps and promote uptake.

### Submission Date:

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