

Supplementary Files

Supplementary materials accompanying the manuscript titled "Cervical Cancer Cognizance and Service Delivery Practices Among Community Health Nurses in the Krobo Enclave, Eastern Region of Ghana: A Cross-Sectional Study."

Supplementary Table S1. Detailed Knowledge of Cervical Cancer Risk Factors

| Risk Factor | Yes n (%) | No n (%) | Don't Know n (%) |
|--------------------------------------------|------------|------------|------------------|
| Early coitarche (early sexual debut) | 59 (40.69) | 49 (33.79) | 37 (25.52) |
| Early childbirth | 61 (42.07) | 51 (35.17) | 33 (22.76) |
| Multiple childbirth (high parity) | 73 (50.34) | 38 (26.21) | 34 (23.45) |
| HPV infection | 76 (52.41) | 38 (26.21) | 31 (21.38) |
| Multiple sexual partners | 72 (49.66) | 36 (24.83) | 37 (25.52) |
| Male partner with HPV infection | 68 (46.90) | 45 (31.03) | 32 (22.07) |
| Smoking | 48 (31.10) | 44 (30.34) | 53 (36.55) |
| Combined oral contraceptive use (>5 years) | 53 (36.55) | 51 (35.17) | 41 (28.28) |
| Alcohol use | 35 (24.14) | 61 (42.07) | 49 (33.79) |
| HIV co-infection | 58 (40.00) | 51 (35.17) | 36 (24.83) |
| Family history of cervical cancer | 79 (54.48) | 42 (28.97) | 24 (16.55) |

Caption: Detailed item-level responses assessing respondents' knowledge of cervical cancer risk factors.

Supplementary Table S2. Detailed Knowledge of Cervical Cancer Prevention

| Prevention Measure | Yes n (%) | No n (%) |
|-----------------------------------------------------------|-------------|------------|
| Vaccinating girls aged 9–13 years before sexual activity | 127 (87.59) | 18 (12.41) |
| Vaccination beneficial to adults | 131 (90.34) | 14 (9.66) |
| Screening sexually active women and women ≥ 30 years | 141 (97.24) | 4 (2.76) |
| Treatment of precancerous lesions | 137 (94.48) | 8 (5.52) |
| Vaccination of boys | 134 (92.41) | 11 (7.59) |

Caption: Detailed item-level responses assessing respondents' knowledge of cervical cancer prevention strategies.

Supplementary Table S3. Detailed Knowledge of Cervical Cancer Presentation

| Clinical Presentation | Yes n (%) | No n (%) | Don't Know n (%) |
|-----------------------------------|------------------|-----------------|-------------------------|
| Asymptomatic disease | 57 (39.31) | 71 (48.97) | 17 (11.72) |
| Offensive vaginal bleeding | 113 (77.93) | 31 (21.38) | 1 (0.69) |
| Irregular bleeding | 97 (66.90) | 48 (33.10) | 0 (0.00) |
| Bleeding after douching | 83 (57.24) | 59 (40.69) | 3 (2.07) |
| Intermenstrual bleeding | 103 (71.03) | 42 (28.97) | 0 (0.00) |
| Bleeding after sex | 107 (73.79) | 38 (26.21) | 0 (0.00) |
| Postmenopausal bleeding | 81 (55.86) | 64 (44.14) | 0 (0.00) |
| Urinary symptoms | 79 (54.48) | 63 (43.45) | 3 (2.07) |

Caption: Detailed item-level responses assessing respondents' knowledge of cervical cancer clinical presentation.

Supplementary Table S4. Detailed Knowledge of Cervical Cancer Diagnosis and Screening

| Screening/Diagnostic Method | Yes n (%) | No n (%) | Don't Know n (%) |
|-------------------------------------------------|------------------|-----------------|-------------------------|
| Pap smear | 52 (35.86) | 90 (62.07) | 3 (2.07) |
| HPV testing | 47 (32.41) | 93 (64.14) | 5 (3.45) |
| Visual Inspection with Acetic Acid (VIA) | 24 (16.55) | 114 (78.62) | 7 (4.83) |

Caption: Detailed item-level responses assessing respondents' knowledge of cervical cancer diagnostic and screening approaches.

Supplementary Table S5. Detailed Cervical Cancer Service Delivery Practices

| Service Delivery Practice | Yes n (%) | No n (%) |
|----------------------------------------------------------|------------------|-----------------|
| Knowledge of VIA | 16 (11.03) | 129 (88.97) |
| Ever performed VIA | 1 (0.69) | 144 (99.31) |
| Knowledge of Pap smear procedure | 17 (11.72) | 128 (88.28) |
| Ever performed Pap smear | 3 (2.07) | 142 (97.93) |
| Provides cervical cancer education during ANC/CWC | 81 (55.86) | 64 (44.14) |
| Postpartum follow-up for screening | 33 (22.76) | 112 (77.24) |

| | | |
|----------------------------------------------|------------|-------------|
| Active follow-up of cervical cancer patients | 46 (31.72) | 99 (68.28) |
| Provides counseling services | 39 (26.89) | 106 (73.11) |

Caption: Detailed item-level responses assessing cervical cancer service delivery practices among community health nurses.

Supplementary File S6. STROBE Checklist Statement

The study was prepared and reported in accordance with the Strengthening the Reporting of Observational Studies in Epidemiology (STROBE) guidelines for cross-sectional studies.

Supplementary File S7. Study Questionnaire

The structured questionnaire used for data collection included sections assessing socio-demographic characteristics, general awareness, knowledge, cervical cancer service delivery practices, and interest in continuous professional education.