

Title: Development of a Novel Survey Tool to Evaluate Acceptability of Primary HPV Cervical Cancer Screening

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Abstract: Development of a novel survey tool to evaluate acceptability of primary HPV cervical cancer screening. **Introduction:** Primary HPV screening is a promising method to increase cervical cancer screening. Under-screened women, primarily minority women, remain at high risk for cervical cancer. Black women have a 41% higher mortality rate of cervical cancer than white women. Although previous studies have examined patient's acceptability of primary HPV screening, no assessment of the association between clinician and patient acceptability has been conducted. The purpose of this study is to create a novel, comprehensive survey to evaluate patient and clinician acceptability of primary HPV testing. **Methods:** Questions pertinent to cervical cancer screening from the BRFSS and Health Information National Trends Survey were adapted for our survey. A scoping literature review of previous studies on patient and clinician knowledge, attitudes and beliefs (KAB) surrounding HPV testing was completed and survey questions were framed by existing literature. **Results:** Two surveys on primary HPV screening acceptability were developed: one patient survey, one clinician survey. Each includes questions on knowledge, perceived barriers and benefits, accessibility, and confidence in primary HPV screening. **Discussion:** The survey development will enable the research team to synchronously assess KAB between clinicians and patients. The results will identify similarities and differences in perceived acceptability between clinicians and patients. We anticipate acceptability to be high with women in groups historically under-screened. As such, the results of this survey may provide insight to patients and clinicians when engaging in shared decision making.