

# Acceptability of the Pocket Colposcope Among Patients and Providers in Kisumu Kenya

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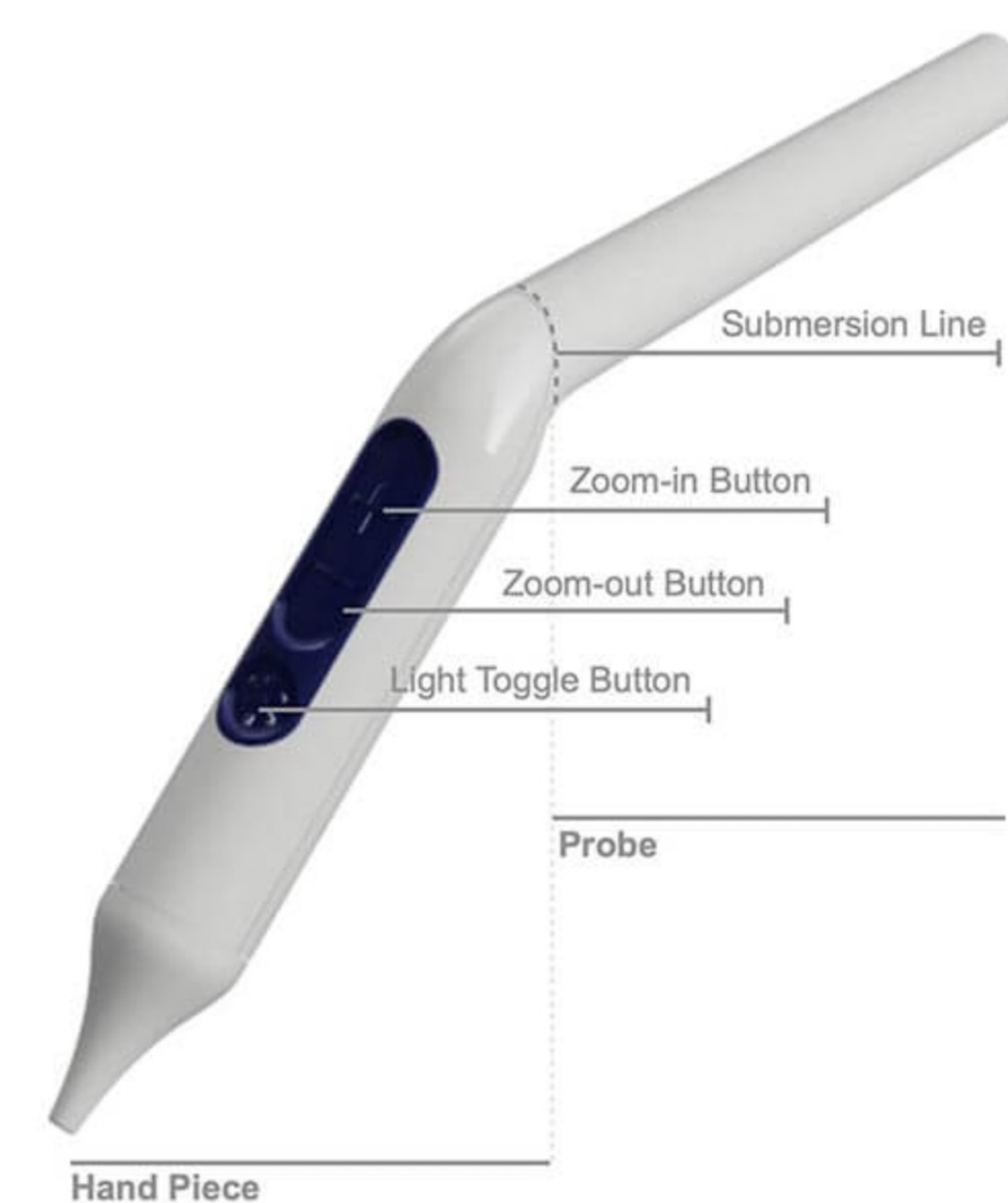
## MOTIVATION

Where resources and capacity for follow up are limited, the WHO now recommends a “screen and treat” model, where cytology-based HPV testing is used as the first stage of intervention, followed by Visual Inspection with Acetic Acid (VIA) and treatment for those who are HPV positive (2).

In 2021, Kenya had roughly 5,234 new cases of cervical cancer and 3,211 cervical cancer deaths (3). Access to HPV testing and improved screening could reduce overtreatment while still ensuring prevention of invasive cervical cancer.

## OBJECTIVES

This study will implement a lightweight, handheld colposcope alongside standard procedures for VIA. The acceptability of the Pocket colposcope will be assessed using a survey tool.

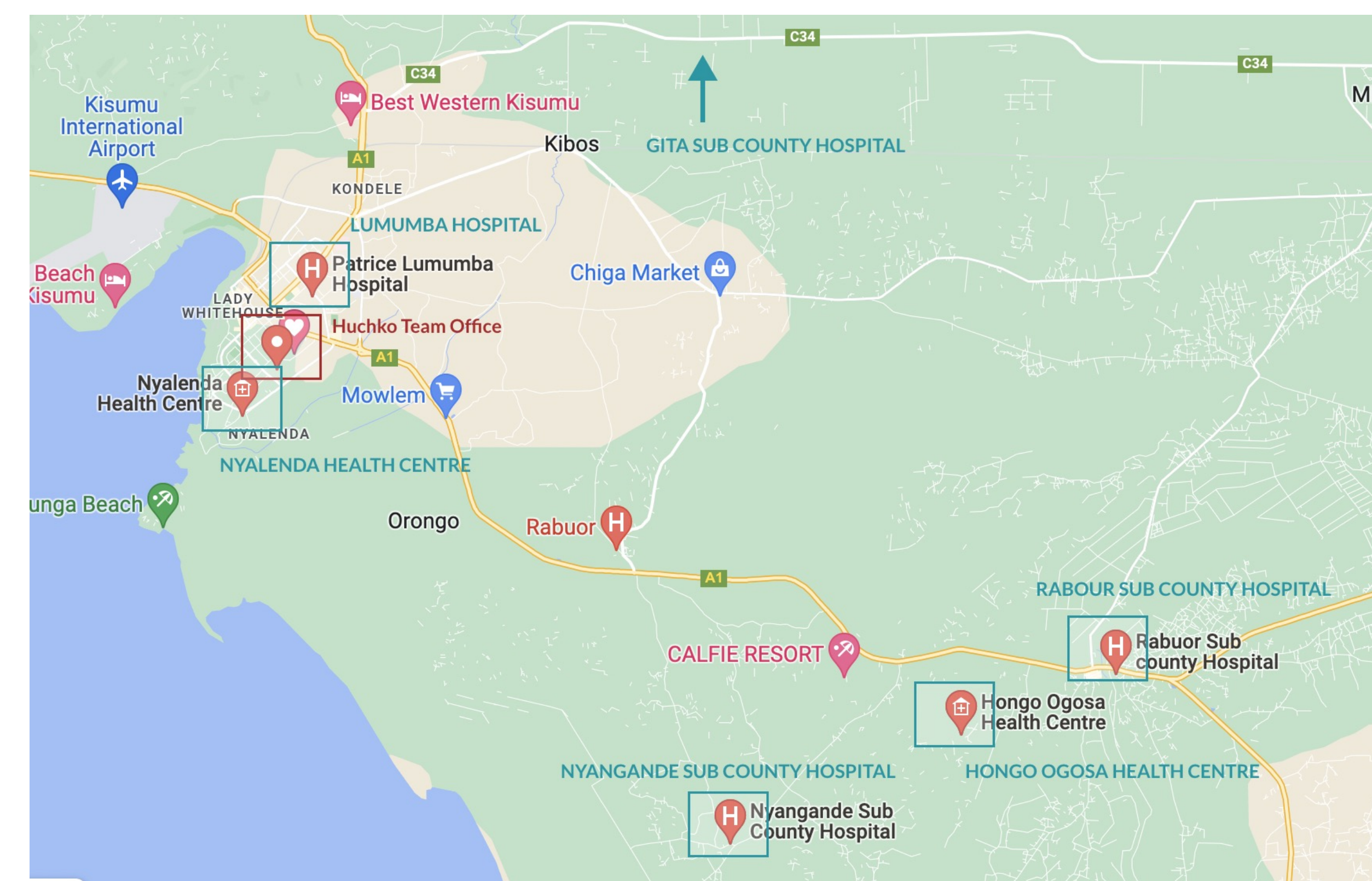


*The Pocket colposcope.*

- Compare the acceptability of the Pocket to standard of care VIA with providers and patients.
- Assess the sensitivity, specificity, positive predictive value, and negative predictive value.

## METHODS

Six study sites were chosen across Kisumu, Kenya.



*Map of the study sites in Kisumu.*

Women who test positive for HPV and HIV, who do not have a history of cervical cancer, are not pregnant, and who are between the ages of 30 and 65 years old are eligible to participate.

Women who are eligible are contacted by research staff for the chance to be in the Pocket study. They are treated whether they are in the study or not. Participants are individually randomized to:

- Control – standard VIA
- Intervention – Pocket-assisted VIA

Each participant will have a biopsy taken to confirm provider diagnosis. After exam, diagnosis, and appropriate treatment, the provider and participant will each be given a survey assessing their experience with VIA or Pocket-assisted VIA.

## FUTURE PLANS

- Study activities will be launching soon.
- If results show high acceptability among providers and patients, as well as acceptable effectiveness, future work will look at scaling implementation of the Pocket in Kenya and other settings.



*Study team members at the office in Kisumu.*