

# EP\_009: Routine Use of Conversational Artificial Intelligence for Cervical Screening Awareness in HIV Care in Low Resource Setting: A CFIR-Guided Exploration

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## Objectives

Guided by the Consolidated Framework for Implementation Research (CFIR), this study explored facilitators and barriers to routine CAI use from patient and provider perspectives

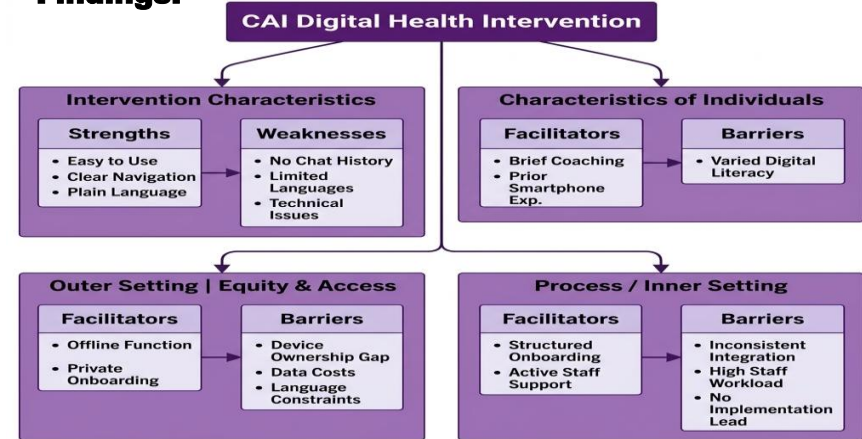
## Method

We conducted focus groups with women living with HIV (WLWH) and interviews with clinic staff following a 6-month CAI deployment for CC awareness in six HIV clinics in Plateau and Oyo States. Data were deductively coded to CFIR constructs and thematically integrated to assess feasibility, equity, and perceived impact

## Conclusion

CAI is perceived as a feasible, useful tool for cervical screening awareness in HIV clinics when locally tailored, multilingual, reliable, and embedded into routine workflows. Sustainable scale-up requires assisted onboarding, improved technical reliability, low data solutions, and clearly defined implementation roles.

## Findings.



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