



Community-Based HIV Testing and Counseling Services at Primary Health Centers in Kibera, Nairobi: A Three-Month Feasibility Study

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Abstract

Kibera, a densely populated informal settlement in Nairobi, Kenya, faces high rates of HIV infection among its residents. Limited access to comprehensive HIV services hinders effective prevention and treatment. A mixed-methods approach was employed, including qualitative interviews with community members and quantitative data collection through HTC service records over a three-month period. Community acceptance of HTC services was high, with 85% of respondents indicating willingness to use such facilities. However, logistical challenges related to transportation were significant barriers. While the initial implementation of HTC services at primary health centers in Kibera is feasible, addressing transportation issues will be crucial for sustainable service delivery. Integrate HTC services with existing community health initiatives and explore partnerships with local transport providers to improve accessibility. HIV Testing, Counseling, Primary Health Centers, Kibera, Feasibility Study

Keywords: *African geography, community-based healthcare, HIV/AIDS prevention, qualitative research methods, primary health centers, randomized controlled trials, spatial analysis*

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