



# Mobile Health Clinics in Urban Nairobi Slums: A Tuberculosis Prevention Initiative Among Youth 18-25

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## Abstract

Urban Nairobi slums face significant health challenges, including tuberculosis (TB). Youth aged 18-25 are particularly vulnerable to TB due to lifestyle factors and social determinants. A mixed-methods approach was employed, including surveys ( $n=300$ ) and qualitative interviews ( $n=50$ ). Data were analysed using thematic analysis and descriptive statistics. Among surveyed participants, 45% reported having used mobile health clinics for TB screening. Participants expressed high satisfaction with the mobile clinic services regarding accessibility and confidentiality. Mobile health clinics provide a feasible and popular option for TB prevention among urban youth in Nairobi slums. Further studies should explore long-term impacts of these initiatives on TB prevalence rates, while scaling up efforts to include other high-risk groups.

**Keywords:** *Sub-Saharan, African, QualitativeResearch, Morbidity, TuberculosisPrevention, Urbanization, YouthHealthCare*

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