



Health Worker Networks in Kibera: A Longitudinal Study on Tuberculosis Prevention Efforts

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Abstract

Kibera slum in Nairobi faces significant health challenges, including high rates of tuberculosis (TB). Community-based interventions have been proposed as a potential solution. A longitudinal study employing qualitative methods to assess changes in TB-related knowledge, attitudes, and behaviors over three years among local residents. Community health workers reported a significant increase (25%) in the number of individuals who sought prompt medical attention for suspected symptoms compared to baseline data. The study underscores the critical role of community engagement in TB prevention efforts within urban slums, highlighting the need for sustained support and resources. Investment in capacity-building programmes for health workers combined with public awareness campaigns can enhance TB control measures.

Keywords: *Geographical Indicators, Community Health Workers, Network Analysis, Longitudinal Studies, Public Health Interventions, Slum Dynamics, Social Capital*

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