



Theoretical Foundations of Community-Oriented Primary Healthcare Models in Reducing Malaria Incidence in Kenya's Highland Regions: A Quasi-Natural Experiment Framework

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Abstract

Malaria remains a significant public health issue in Kenya's highland regions, where traditional healthcare systems often struggle to reach remote and underserved communities. A quasi-natural experiment framework will be employed to analyse data from a controlled intervention study conducted over three years in selected highland regions. The theoretical framework underscores the critical role of community engagement in primary healthcare delivery for malaria control. Policy makers should prioritise investment in training local health workers and strengthening community participation models to replicate these successful interventions.

Keywords: *Kenyan, Highlands, Community-Based, Health Systems Strengthening, Impact Evaluation, Randomized Controlled Trials, Spatial Analysis*

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