



Mobile Clinics in Rural Tanzania: Effectiveness of Maternal Healthcare Services Provided

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Abstract

Mobile health clinics have been increasingly recognised as a vital component in addressing healthcare disparities in rural areas of developing countries. A mixed-methods approach was employed, including quantitative surveys and qualitative interviews with participants from targeted villages. Data were analysed using descriptive statistics for quantitative data and thematic analysis for qualitative insights. Mobile clinics significantly increased access to antenatal care services by 30% among rural women compared to baseline levels. The mobile clinic model demonstrated positive outcomes in improving maternal health service utilization, with notable improvements in patient satisfaction scores. Further implementation should be supported with additional resources and training for mobile clinic staff. Longitudinal studies are recommended to monitor sustained impacts over time. Mobile Clinics, Maternal Healthcare Services, Rural Tanzania, Patient Satisfaction Treatment effect was estimated with $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: *Mobile Clinics, Rural Health Services, Maternal Mortality Reduction, Geographic Information Systems, Community Health Workers, Anthropology of Healthcare, Gender Studies*

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