



# Mobile Health Clinics' Impact on Cholera Prevention Awareness in Rural Ethiopian Communities: A Short-Term Assessment

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## Abstract

Cholera remains a significant public health concern in rural Ethiopian communities, where access to healthcare facilities is limited. A mixed-methods approach combining quantitative surveys with qualitative interviews was employed to analyse data from a sample of 200 participants randomly selected from targeted villages. Mobile health clinics conducted two cholera prevention awareness sessions, resulting in an 85% increase in community members' understanding of cholera symptoms and preventive measures. The mobile health clinics significantly enhanced cholera prevention knowledge among rural Ethiopian communities within a short timeframe. Mobile health clinics should be integrated into routine public health programmes to continue improving community health awareness, particularly for diseases like cholera. 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:** *Geographic, African, Rural, Mobile, Clinics, Outreach, Health, Awareness*

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