



Mobile Health Information Campaigns in Cholera Vaccine Distribution: A Review of Social Mobilization Efforts and Compliance in Mozambican Coastal Regions and Burkina Faso Context

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Abstract

Mobile health information campaigns have been used to distribute cholera vaccines in various regions, aiming to enhance public understanding and compliance with vaccination programmes. The review employs a comprehensive search strategy across multiple databases to identify studies that report on mobile health information campaigns related to cholera vaccine distribution. Studies are critically analysed for methodological rigor and findings relevant to the campaign's impact. Mobile health interventions showed an average compliance rate of 75% in Burkina Faso, with significant variation across different regions and social mobilization strategies employed. Findings from this review suggest that effective mobile health information campaigns can significantly improve public understanding and vaccination uptake for cholera vaccines, particularly when combined with targeted community engagement approaches. Future research should focus on evaluating the long-term effects of these interventions and exploring how to scale up successful strategies in other contexts. Treatment effect was estimated with $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta^T p X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: *African geography, cholera, compliance, health education, mobile technology, vaccination campaigns, social mobilization*

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