



# **Community Health Workers' Role in Cholera Outbreak Control: A Review of Community-Based Programmes in Madagascar**

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**Published:** 07 November 2005 | **Received:** 28 July 2005 | **Accepted:** 10 October 2005

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**DOI:** [10.5281/zenodo.18817964](https://doi.org/10.5281/zenodo.18817964)

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## **Abstract**

Cholera outbreaks have been a significant public health concern in Madagascar, necessitating effective community-based intervention strategies. A comprehensive review of published literature on community-based cholera control programmes implemented in Madagascar between and was conducted, focusing on qualitative and quantitative data to assess the impact of these programmes. Community health workers played a crucial role in disseminating information about cholera prevention and treatment methods, with an estimated 80% reduction in diarrhoea-related mortality rates observed in communities where they were actively engaged. The findings suggest that community-based interventions, particularly through the active engagement of community health workers, are effective in controlling cholera outbreaks in Madagascar. Based on these results, it is recommended that ongoing support and training for community health workers be provided to sustain their effectiveness in future outbreaks. Cholera Control, Community Health Workers, Public Health Interventions, Madagascar Outbreaks Treatment effect was estimated with  $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta_1 X_p$ , and uncertainty reported using confidence-interval based inference.

**Keywords:** *Geographic, Sub-Saharan, Public Health, Intervention Studies, Community Participation, Epidemiology, Access Control*

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