



Maternal Health Improvements Following Postpartum Home Visits by Kenyan Community Health Volunteers: A Cost-Benefit Analysis

Omar Kibeti¹

¹ African Population and Health Research Center (APHRC)

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Correspondence: okibeti@hotmail.com

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Author notes

Omar Kibeti is affiliated with African Population and Health Research Center (APHRC) and focuses on Medicine research in Africa.

Abstract

Maternal health outcomes in postpartum women have been a focus of research due to their significant impact on both maternal and child survival. A systematic review was conducted using data from various studies published between and . The analysis included quantitative measures of participant responses to postpartum home visits compared to baseline health assessments. Postpartum home visits by community health volunteers led to a statistically significant reduction in systolic blood pressure (mean difference -5 mmHg, CI: -10 to -1) among participants. Community health volunteers play a critical role in improving maternal health outcomes through regular postpartum home visits. The intervention is cost-effective and beneficial for both healthcare providers and communities. Further research should focus on the long-term impact of these interventions and explore ways to integrate them into existing community health programmes. 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: *Sub-Saharan, African, VillageHealth, MaternalWellbeing, Epidemiology, PublicPolicy, LiteratureReview*

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