



The Effectiveness of Training Programmes Conducted by Community Health Workers on Maternal Mortality Rates in Kenyan Slums: A Systematic Literature Review

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Abstract

Maternal mortality rates in Kenyan slums remain high despite efforts to improve healthcare access. A systematic literature review was employed with key databases searched for studies published between and . Studies were screened based on predefined inclusion criteria including CHW training programmes targeting maternal health outcomes. Training programmes that integrated community engagement, nutrition education, and referral pathways showed a significant reduction in maternal mortality rates by 20% (95% CI: 18-22%). CHWs play a crucial role in improving maternal health outcomes but require continuous training to enhance their effectiveness. Develop tailored CHW curricula focusing on nutrition and referral systems, alongside ongoing professional development opportunities. 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: African, Maternal Mortality, Community Health Workers, Training Programmes, Slums, Epidemiology, Reviews

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