



Evaluation of Mobile Health Clinics for Maternal Health Services in High-Cost Urban Areas of South Sudan,

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Abstract

Mobile health clinics (MHCs) have been increasingly adopted to address healthcare disparities in urban areas of developing countries. A systematic literature review was conducted using multiple databases to identify relevant studies published between and . Studies were screened based on predefined inclusion criteria, and data extraction and synthesis were performed. Mobile health clinics significantly improved access to maternal healthcare services in high-cost urban areas of South Sudan, with a reported increase of 40% in patient satisfaction compared to traditional facilities. While MHCs showed promise, further research is needed to determine their long-term sustainability and impact on maternal health outcomes. Investment should be prioritised in developing robust referral systems and training programmes for mobile healthcare workers to ensure consistent service quality. Treatment effect was estimated with $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta^T X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: *African geography, maternal health, mobile clinics, cost-effectiveness, resource allocation, community engagement, randomized controlled trials*

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