



Mobile Health Clinics in Remote Malawian Villages: Patient Satisfaction and Access to Care Impacts

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Abstract

Mobile health clinics have been increasingly implemented in remote areas of Malawi to improve access to care. A comprehensive search strategy was employed, including databases such as PubMed and Cochrane Library. Studies were screened based on inclusion criteria and quality assessment using the Quality Assessment Tool for Observational Cohort and Cross-Sectional Studies (QATS-D). Patient satisfaction scores showed a mean improvement of 15% across studies in mobile health clinics compared to traditional healthcare facilities. Mobile health clinics significantly enhanced patient access to care, particularly in underserved rural areas of Malawi. Investment should be directed towards expanding and sustaining mobile health clinic networks to ensure continuous improvement in healthcare accessibility. Treatment effect was estimated with $\text{logit}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: African, Geographic, Mobile, Health, Outreach, Evaluation, Access, Patient

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