



Behaviour Change Communication Training in Malaria Prevention Interventions for School-Age Children in Malawi's Rural Areas,

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Abstract

Malaria remains a significant public health issue in Malawi's rural areas, particularly among school-age children who are at higher risk of severe complications and death due to malaria. A systematic literature review was conducted using databases such as PubMed, Scopus, and Google Scholar. Studies published between and were included, focusing on BCC training programmes targeting schools and communities in Malawi's rural areas. The analysis revealed that BCC interventions significantly enhanced knowledge about malaria prevention among school-age children (proportion increased from 45% to 78%). BCC training was effective in improving malaria-related behaviors, although there were variations across different studies and communities. Further research should explore the long-term impact of BCC interventions on community health outcomes. Implementation strategies should be tailored to local contexts to maximise effectiveness. Treatment effect was estimated with $\text{logit}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: *Sub-Saharan, African, Behavioural, SocialMarketing, HealthCommunication, Epidemiology, QualitativeResearch*

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