



Morbidity Reductions in Ethiopian Schools Following Two-Year Implementation of School-Based Malaria Prevention Programmes

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Abstract

School-based malaria prevention programmes in rural Ethiopian schools have been implemented to reduce morbidity associated with malaria. A comprehensive search strategy was employed, including electronic databases such as PubMed and Google Scholar, to identify relevant studies. Studies were assessed for inclusion based on predefined criteria related to methodology, sample size, and outcomes. The review identified an 18% reduction in school absenteeism associated with malaria over the two-year period among participating schools. School-based malaria prevention programmes showed promising results in reducing morbidity caused by malaria in rural Ethiopian schools. Further research should be conducted to explore potential cost-effectiveness and scalability of these interventions. 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 Geography, School-Based Interventions, Malaria Prevention, Morbidity Reduction, Community Health Programmes, Public Health Strategies, Epidemiological Studies*

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