



Meta-Analysis of Clinical Algorithm Performance for Diagnosing Childhood Pneumonia in Primary Care Settings in Ghana, 2011

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Kwame Asante is affiliated with Department of Clinical Research, Noguchi Memorial Institute for Medical Research and focuses on Medicine research in Africa.

Abstract

This study addresses a current research gap in Medicine concerning Performance of clinical algorithms for diagnosing pneumonia in children under five in primary health clinics of the Brong-Ahafo Region, Ghana in Ghana. The objective is to clarify key debates, identify practical implications, and outline a focused agenda for scholarship and policy. A structured review of relevant literature was conducted, with thematic synthesis of key findings. The analysis indicates persistent structural constraints alongside emerging local innovations; however, evidence remains uneven across contexts and sectors. The paper argues for context-specific approaches and stronger empirical foundations in future research. Stakeholders should prioritise inclusive, locally grounded strategies and improve data transparency. Performance of clinical algorithms for diagnosing pneumonia in children under five in primary health clinics of the Brong-Ahafo Region, Ghana, Ghana, Africa, Medicine, meta analysis This structured abstract provides a standardised summary to support rapid screening, indexing, and assessment of scholarly contribution.

Keywords: *Meta-Analysis, Clinical Algorithms, Childhood Pneumonia, Primary Health Care, Sub-Saharan Africa*

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