



Methodological Assessment and Adoption Rates in Ghanaian District Hospitals Systems: A Quasi-Experimental Study

Kofi Adzitey¹, Abena Afua², Yaw Acheampong³

¹ University for Development Studies (UDS)

² University of Ghana, Legon

³ Department of Pediatrics, University of Cape Coast

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Correspondence: kadzitey@outlook.com

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Author notes

Kofi Adzitey is affiliated with University for Development Studies (UDS) and focuses on Medicine research in Africa.

Abena Afua is affiliated with University of Ghana, Legon and focuses on Medicine research in Africa.

Yaw Acheampong is affiliated with Department of Pediatrics, University of Cape Coast and focuses on Medicine research in Africa.

Abstract

District hospitals in Ghana are pivotal to healthcare delivery but face challenges in adopting modern methods. A mixed-methods approach including surveys and observational audits was utilised. Data were analysed using logistic regression to assess the likelihood of adopting new methods. In 50% of hospitals surveyed, there was no significant adoption of recommended clinical guidelines over a year. The study highlights the need for continuous training programmes and policy reinforcement to improve methodological standards in district hospital systems. Immediate implementation of evidence-based interventions and regular audits are essential to enhance healthcare quality and patient outcomes. Ghana, District Hospitals, Methodology Adoption, Quasi-Experimental Design
Treatment effect was estimated with $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta^T p X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: *African healthcare, district hospitals, qualitative methods, quantitative methods, health system reform, adoption rates, evaluation methodologies*

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