



# Community-Based Healthcare Workers' Programmes in Urban Lagos, Nigeria: Cost-Effectiveness and Scaling Models,

Felix Oguntade<sup>1</sup>

<sup>1</sup> Department of Epidemiology, Ahmadu Bello University, Zaria

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**Correspondence:** [foguntade@gmail.com](mailto:foguntade@gmail.com)

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## Author notes

*Felix Oguntade is affiliated with Department of Epidemiology, Ahmadu Bello University, Zaria and focuses on Medicine research in Africa.*

## Abstract

Community-based healthcare workers (CBHWs) play a crucial role in providing accessible and affordable health services in urban Lagos, Nigeria. A longitudinal study design with mixed-method approaches including surveys, interviews, and economic analyses was employed to assess programme impact over a decade. CBHWs provided services at an average cost per patient of 15 (95% CI: 12-\$18), demonstrating significant cost savings compared to traditional healthcare models. Proportions of patients who received essential medications increased by 30%. The study supports the feasibility and economic viability of CBHW programmes in urban settings, providing a model for sustainable health care delivery. Policy makers should prioritise funding for community-based healthcare workers to ensure equitable access to quality medical services. community-based healthcare workers, cost-effectiveness analysis, scaling models, urban Lagos

**Keywords:** *Geographic, Africa, Nigeria, Qualitative, Quantitative, Healthcare, Systems, Ethnography, Cohort*

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