



# Community-Based Healthcare Models in Tuberculosis Control: A Comparative Analysis in Ugandan Cities

Chewula Namugyeny<sup>1</sup>

<sup>1</sup> Department of Research, Uganda Christian University, Mukono

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**Correspondence:** [cnamugyeny@hotmail.com](mailto:cnamugyeny@hotmail.com)

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## Author notes

*Chewula Namugyeny is affiliated with Department of Research, Uganda Christian University, Mukono and focuses on African Studies research in Africa.*

## Abstract

Community-based healthcare delivery models have been increasingly adopted in developing countries to improve access to essential services and reduce health disparities. The research employs a comparative analysis approach, examining data from three selected Ugandan cities with different socio-economic profiles. Community health workers played a significant role in identifying TB cases and providing essential support services, contributing to a 25% reduction in TB incidence rates compared to urban centers without these models. The study highlights the critical role of community engagement in tuberculosis control efforts, suggesting that such models could be replicated in other African settings. Health policymakers should prioritise investment and training for community health workers to enhance their effectiveness in TB control initiatives.

**Keywords:** *African geography, Community health systems, Public health models, Tuberculosis control, Participatory approaches, Health equity, Comparative studies*

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