



# Developmental Frameworks for Community Health Worker Training in Adolescent Maternal Care within Nairobi Slums,

Mwangi Waiyaki<sup>1,2</sup>, Odhiambo Mutua<sup>3</sup>, Kamau Ondieki<sup>4,5</sup>

<sup>1</sup> Moi University

<sup>2</sup> Department of Surgery, Jomo Kenyatta University of Agriculture and Technology (JKUAT)

<sup>3</sup> Department of Pediatrics, Kenyatta University

<sup>4</sup> Department of Public Health, Moi University

<sup>5</sup> Jomo Kenyatta University of Agriculture and Technology (JKUAT)

**Published:** 21 June 2011 | **Received:** 22 March 2011 | **Accepted:** 24 April 2011

**Correspondence:** [mwaiyaki@yahoo.com](mailto:mwaiyaki@yahoo.com)

**DOI:** [10.5281/zenodo.18925641](https://doi.org/10.5281/zenodo.18925641)

## Author notes

*Mwangi Waiyaki is affiliated with Moi University and focuses on Medicine research in Africa.*

*Odhiambo Mutua is affiliated with Department of Pediatrics, Kenyatta University and focuses on Medicine research in Africa.*

*Kamau Ondieki is affiliated with Department of Public Health, Moi University and focuses on Medicine research in Africa.*

## Abstract

Adolescent maternal care in Nairobi slums is a critical public health issue requiring specialized training for community health workers (CHWs). A systematic review of peer-reviewed articles, grey literature, and relevant conference proceedings was conducted using databases such as PubMed, Web of Science, and Google Scholar. Studies were selected based on predefined inclusion criteria focusing on the effectiveness of CHW training for adolescent maternal health in Nairobi slums. The analysis revealed a significant proportion (45%) of studies reporting positive outcomes from CHW interventions targeting adolescent pregnancy prevention and care within Nairobi slums. Current literature supports the development of tailored CHW training programmes that integrate evidence-based practices for effective adolescent maternal health care in Nairobi slums. Recommendation to policymakers includes incorporating these findings into guidelines, funding initiatives for CHW training, and evaluating ongoing community health 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, adolescent pregnancy, community health worker, development framework, intervention studies, maternal care, qualitative methodology*

## ABSTRACT-ONLY PUBLICATION

This is an abstract-only publication. The complete research paper with full methodology, results, discussion, and references is available upon request.

✉ **REQUEST FULL PAPER**

**Email:** [info@parj.africa](mailto:info@parj.africa)

Request your copy of the full paper today!

## SUBMIT YOUR RESEARCH

**Are you a researcher in Africa? We welcome your submissions!**

Join our community of African scholars and share your groundbreaking work.

**Submit at:** [app.parj.africa](http://app.parj.africa)



Scan to visit [app.parj.africa](http://app.parj.africa)

**Open Access Scholarship from PARJ**

Empowering African Research | Advancing Global Knowledge