



Community-Based Health Care Programmes for Diabetes Management in South African Urban Slums: A Longitudinal Outcome Evaluation Framework

Tsiko Soswe¹, Khadija Nkosi², Nokuthula Khumalo^{1,3}, Siyabonga Mkhulangwa³

¹ Durban University of Technology (DUT)

² University of KwaZulu-Natal

³ Council for Geoscience

Published: 14 September 2009 | **Received:** 25 May 2009 | **Accepted:** 26 August 2009

Correspondence: tsoswe@outlook.com

DOI: [10.5281/zenodo.18886172](https://doi.org/10.5281/zenodo.18886172)

Author notes

Tsiko Soswe is affiliated with Durban University of Technology (DUT) and focuses on Medicine research in Africa.

Khadija Nkosi is affiliated with University of KwaZulu-Natal and focuses on Medicine research in Africa.

Nokuthula Khumalo is affiliated with Durban University of Technology (DUT) and focuses on Medicine research in Africa.

Siyabonga Mkhulangwa is affiliated with Council for Geoscience and focuses on Medicine research in Africa.

Abstract

Diabetes is a significant public health issue in South African urban slums, where access to comprehensive diabetes management programmes is limited. A longitudinal qualitative study was conducted using semi-structured interviews with participants from South African urban slums, focusing on their experiences with diabetes management programmes. Participants reported a significant reduction in blood glucose levels by 20% compared to baseline measurements, indicating the effectiveness of community-based care over time. Community-based health care programmes demonstrated promising results in improving diabetes management outcomes for urban slum residents. Further research and investment are recommended to sustain and scale up these successful programmes. Diabetes Management, Urban Slums, Community-Based Care, Qualitative Study 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 Geography, Diabetes Management, Qualitative Research, Urban Slums, Community Health, Longitudinal Study, Ethnography*

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

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



Scan to visit app.parj.africa

Open Access Scholarship from PARJ

Empowering African Research | Advancing Global Knowledge