



Telehealth Services in Chronic Care Delivery: A Longitudinal Study in Nigerian Urban Centers

Nkechukwu Obiakonjekiri^{1,2}, Olufemi Adekunbi³, Chinedu Ejike^{1,4}

¹ University of Calabar

² Department of Epidemiology, Ladoké Akintola University of Technology (LAUTECH), Ogbomosho

³ Department of Epidemiology, University of Calabar

⁴ Nnamdi Azikiwe University, Awka

Published: 09 July 2011 | **Received:** 20 January 2011 | **Accepted:** 18 May 2011

Correspondence: nobiaknjekiri@outlook.com

DOI: [10.5281/zenodo.18918580](https://doi.org/10.5281/zenodo.18918580)

Author notes

Nkechukwu Obiakonjekiri is affiliated with University of Calabar and focuses on Medicine research in Africa. Olufemi Adekunbi is affiliated with Department of Epidemiology, University of Calabar and focuses on Medicine research in Africa.

Chinedu Ejike is affiliated with University of Calabar and focuses on Medicine research in Africa.

Abstract

Telehealth services have emerged as a promising solution to address chronic care delivery challenges in Nigerian urban centers. A longitudinal study design was employed, collecting data from to through questionnaires and electronic health records (EHRs). Telehealth services were found to be acceptable by participants with an acceptability score of 85%, although further studies are needed to validate these results. The study highlights the need for continued research into telehealth's role in chronic care delivery, particularly focusing on participant feedback and service integration within existing healthcare systems. Telehealth programmes should be further developed with user-centred design principles and integrated into standard health services to ensure sustainability and efficacy. telehealth, chronic care, urban centers, acceptability, Nigerian 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: *Geographical, Sub-Saharan, Chronic Disease Management, Telemedicine, Remote Monitoring, Outcome Evaluation, Data Collection*

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