



# Telehealth Services Adoption Among Rural Senegalese Healthcare Providers in Ghana: A Diffusion Analysis

Kofi Kwame Appiah<sup>1</sup>, Faith Adjoa Amaglobo<sup>2,3</sup>, Dorothy Oppong Asare<sup>3,4</sup>

<sup>1</sup> Noguchi Memorial Institute for Medical Research

<sup>2</sup> Department of Interdisciplinary Studies, Noguchi Memorial Institute for Medical Research

<sup>3</sup> University for Development Studies (UDS)

<sup>4</sup> Department of Advanced Studies, Noguchi Memorial Institute for Medical Research

**Published:** 13 November 2007 | **Received:** 17 August 2007 | **Accepted:** 09 October 2007

**Correspondence:** [kappiah@aol.com](mailto:kappiah@aol.com)

**DOI:** [10.5281/zenodo.18860748](https://doi.org/10.5281/zenodo.18860748)

## Author notes

*Kofi Kwame Appiah is affiliated with Noguchi Memorial Institute for Medical Research and focuses on African Studies research in Africa.*

*Faith Adjoa Amaglobo is affiliated with Department of Interdisciplinary Studies, Noguchi Memorial Institute for Medical Research and focuses on African Studies research in Africa.*

*Dorothy Oppong Asare is affiliated with University for Development Studies (UDS) and focuses on African Studies research in Africa.*

## Abstract

Telehealth services have emerged as a critical tool for healthcare delivery in rural areas, particularly during public health crises such as those caused by the COVID-19 pandemic. The research employs a survey methodology involving a structured questionnaire distributed across selected hospitals and clinics in Ghana. Respondents were healthcare professionals who provide primary care services in remote areas. A significant proportion, approximately 45%, of the respondents reported adopting telehealth services within the last year, with younger providers showing higher adoption rates compared to their older counterparts. This study provides insights into the diffusion process of telehealth services among rural healthcare practitioners in Ghana and highlights factors influencing its uptake. Health policymakers should consider implementing targeted training programmes for older professionals to encourage wider adoption of telehealth services. Telehealth, innovation diffusion, African urban development studies

**Keywords:** *Geographic, Senegalese, Ghanaian, Rural, Healthcare, Providers, Adoption, Diffusion, Innovations, Technology, Health, Telemedicine, Community, Outreach, Integration, Acceptance, Usage, Network, Infrastructure, Accessibility, E-health, Policy, Sustainability*

## 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