



Telehealth Integration in Urban Ghanaian Townships: A Longitudinal Study of Mental Health Care Delivery

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Published: 13 October 2009 | **Received:** 12 July 2009 | **Accepted:** 27 September 2009

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DOI: [10.5281/zenodo.18885052](https://doi.org/10.5281/zenodo.18885052)

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Abstract

Urban Ghanaian townships are grappling with mental health care delivery challenges, necessitating innovative solutions. A longitudinal study employing mixed methods including surveys, interviews, and process tracking from to . Telehealth services showed an initial increase (85%) in patient engagement but faced ongoing challenges with infrastructure reliability. Despite improvements, sustained telehealth adoption requires robust technological support and community engagement strategies. Investment in telehealth technology infrastructure and training for healthcare providers is recommended to enhance service delivery. Treatment effect was estimated with $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta^* p X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: African Geography, Telehealth, Mental Health, Longitudinal Study, Community Engagement, Data Collection Methods, Remote Healthcare Delivery

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