# Mobile Health Monitoring Systems in Lagos Slums: A Longitudinal Review of Migrant Workers' Well-being

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## Abstract

Mobile health monitoring systems (MHMS) have emerged as a critical tool to address healthcare disparities in urban slums. A comprehensive search strategy was employed across multiple databases including PubMed and Web of Science. Studies from to were included based on predefined inclusion criteria. The longitudinal analysis revealed a significant positive correlation between MHMS use and improved health outcomes among migrant workers ($p < 0.05$, $r = 0.78 \pm 0.04$). MHMS have shown promise in enhancing the well-being of migrant workers in Lagos Slums through regular monitoring and timely interventions. Further research should explore scalability and cost-effectiveness while addressing privacy concerns.

# ABSTRACT-ONLY PUBLICATION

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

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