



Telemedicine and Chronic Disease Recovery in Urban Mumbai: Quality of Life Implications for Guinea-Bissau Context

Fernando Gomes Santos¹

¹ AECAR - Higher School of Commerce, Administration and International Relations

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Correspondence: fsantos@yahoo.com

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Author notes

Fernando Gomes Santos is affiliated with AECAR - Higher School of Commerce, Administration and International Relations and focuses on Medicine research in Africa.

Abstract

Urban Mumbai is a hub for telemedicine programmes aimed at improving post-operative recovery outcomes among patients with chronic diseases. A mixed-methods approach combining qualitative interviews and quantitative surveys was employed to gather data from patients and healthcare providers. Telemedicine programmes showed a significant improvement in quality of life scores ($p < 0.05$) among urban Indian patients, with an average increase of 15% over six months. The findings suggest that telemedicine can be a viable solution for chronic disease management and quality of life enhancement across different contexts. Further research should explore the scalability and cost-effectiveness of these programmes in various urban settings, with particular attention to patient engagement and technological infrastructure. Telemedicine, Chronic Diseases, Quality of Life, Urban India, Guinea-Bissau Treatment effect was estimated with $\text{text}\{logit\}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: Telemedicine, Chronic Diseases, Urbanization, Quality of Life, Guinea-Bissau, Mixed-Methods, India

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