Digital Health Literacy Training for Chronic Pain Management in Dakar: Patient Outcomes and Remote Consultation Use Frequency Analysis

Mahmudou Diop[1]

[1] Council for the Development of Social Science Research in Africa (CODESRIA), Dakar

Correspondence: mdiop@aol.com

Author notes

Mahmudou Diop is affiliated with Council for the Development of Social Science Research in Africa (CODESRIA), Dakar and focuses on Medicine research in Africa.

Abstract

Chronic pain is a prevalent health issue in Dakar, Senegal, affecting patients' quality of life and healthcare utilization. A mixed-methods approach was employed with pre- and post-training surveys assessing patient knowledge and self-management skills, supplemented by remote consultation data analysis. Patient satisfaction scores increased by 25% after the training, indicating improved digital health literacy. Remote consultations were used at a median frequency of four times per month among trained participants. Digital health literacy training significantly enhanced patients' self-care abilities and their engagement with remote healthcare platforms in Dakar. Extend training programmes to other chronic pain clinics and incorporate feedback into future iterations for greater impact. digital health literacy, chronic pain management, remote consultations, Dakar, Senegal Treatment effect was estimated with $text\{logit\}(\pi) = beta\,0 + \vec{\beta}\,p\,X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: *African geography, chronic pain management, digital literacy, e-health, qualitative research, patient outcomes, remote consultations*

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