



Digital Health Literacy Training Programmes in Rural Senegalese Women Enhance Healthcare Access in Niger

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Abstract

Rural Senegalese women face significant barriers to accessing healthcare, particularly in remote areas where traditional health facilities are scarce and unreliable. A randomized controlled trial was conducted with 200 participants randomly assigned to either the intervention group (receiving digital health literacy training) or control group (no training). Participants in the intervention group demonstrated a statistically significant improvement ($p < 0.05$) in self-reported healthcare access, with a proportion of 82% compared to 65% in the control group. The digital health literacy training programme significantly improved rural Senegalese women's ability to navigate and utilise available healthcare services. Further implementation should include community engagement for sustained adoption and integration into existing healthcare systems.

Keywords: African, Digital, Health, Literacy, Interventions, Randomized, Trials

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