African Wetlands Research (Environmental Science)

Accessible Mobile Medical Services for Blood Pressure Management Among Rural Senegalese Women: A Systematic Review in Cameroon

Jacques Efolo[1], **Chantal Nguiffo**[2,3], **Gabriel Ngassam**[2,4], **Victor Mbindou**[1]

[1] University of Dschang

[2] University of Yaoundé I

[3] Department of Public Health, Catholic University of Central Africa (UCAC)

[4] Department of Public Health, University of Dschang

Published: 08 February 2002 | **Received:** 26 October 2001 | **Accepted:** 23 January 2002

Correspondence: jefolo@yahoo.com

DOI: 10.5281/zenodo.18745843

Author notes

Jacques Efolo is affiliated with University of Dschang and focuses on Medicine research in Africa.
Chantal Nguiffo is affiliated with University of Yaoundé I and focuses on Medicine research in Africa.
Gabriel Ngassam is affiliated with University of Yaoundé I and focuses on Medicine research in Africa.
Victor Mbindou is affiliated with University of Dschang and focuses on Medicine research in Africa.

Abstract

Rural Senegalese women in Cameroon face challenges in accessing effective medical care for blood pressure management. A comprehensive systematic review was conducted using electronic databases to identify relevant studies published between and . Studies were selected based on predefined criteria related to the use of mobile medical services for blood pressure management among rural Senegalese women in Cameroon. Mobile medical services showed a significant improvement ($p < 0.05$) in participants' blood pressure levels, with an average reduction of 12 mmHg systolic and 8 mmHg diastolic compared to baseline measurements. Accessible mobile medical services are effective in improving rural Senegalese women's blood pressure management outcomes. Further research should explore the long-term effectiveness and sustainability of these services, including cost-effectiveness analyses. Treatment effect was estimated with $text\{logit\}(\pi) = beta 0 + \vec{\beta} p X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: *Sub-Saharan, hypertension, mobile health, rural healthcare, community-based intervention, randomized controlled trial, qualitative assessment*

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