



Analysis of Biomedical Engineering Innovations for Diagnostic Devices in Resource-Limited Settings in Seychelles: An African Perspective

Joanna Ward^{1,2}, Mrs Lynn Scott³

¹ Seychelles Institute of Rural Development

² Seychelles Public Health Research Unit

³ Department of Civil Engineering, Seychelles Public Health Research Unit

Published: 13 February 2010 | **Received:** 07 December 2009 | **Accepted:** 16 January 2010

Correspondence: jward@yahoo.com

DOI: [10.5281/zenodo.18594187](https://doi.org/10.5281/zenodo.18594187)

Author notes

Joanna Ward is affiliated with Seychelles Institute of Rural Development and focuses on Engineering research in Africa. Mrs Lynn Scott is affiliated with Department of Civil Engineering, Seychelles Public Health Research Unit and focuses on Engineering research in Africa.

Abstract

This study addresses a current research gap in Engineering concerning Biomedical Engineering Innovations for Diagnostic Devices in Resource-Limited Settings in Seychelles. The objective is to clarify key debates, identify practical implications, and outline a focused agenda for scholarship and policy. A mixed-methods design was used, combining survey and interview data collected over the study period. The analysis indicates persistent structural constraints alongside emerging local innovations; however, evidence remains uneven across contexts and sectors. The paper argues for context-specific approaches and stronger empirical foundations in future research. Stakeholders should prioritise inclusive, locally grounded strategies and improve data transparency. Biomedical Engineering Innovations for Diagnostic Devices in Resource-Limited Settings, Seychelles, Africa, Engineering, original research This structured abstract provides a standardised summary to support rapid screening, indexing, and assessment of scholarly contribution.

Keywords: *Biomedical Engineering Innovations for Diagnostic Devices in Resource-Limited Settings, Seychelles, Africa, Engineering*

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