

Analysis of Case Study of Medicine Challenges in a Specific African Country in Egypt: An African Perspective

Dr Anna Richardson¹, Billy Richardson-Farmer^{2,3}, Mr Frank Morgan^{4,5}

¹ Department of Surgery, Benha University

² Department of Epidemiology, Theodor Bilharz Research Institute (TBRI)

³ Department of Pediatrics, Benha University

⁴ Department of Public Health, Theodor Bilharz Research Institute (TBRI)

⁵ Benha University

Published: 17 September 2025 | **Received:** 31 May 2025 | **Accepted:** 29 July 2025

Correspondence: drichardson@hotmail.com

DOI: [10.5281/zenodo.18527546](https://doi.org/10.5281/zenodo.18527546)

Author notes

Dr Anna Richardson is affiliated with Department of Surgery, Benha University and focuses on Medicine research in Africa.

Billy Richardson-Farmer is affiliated with Department of Epidemiology, Theodor Bilharz Research Institute (TBRI) and focuses on Medicine research in Africa.

Mr Frank Morgan is affiliated with Department of Public Health, Theodor Bilharz Research Institute (TBRI) and focuses on Medicine research in Africa.

Abstract

There is a recognised need to document and analyse the specific challenges facing medicine within distinct African contexts. This survey research focuses on Egypt as a specific national case study within the continent. This study aims to systematically identify and analyse the principal challenges within Egypt's medical field. Its objectives are to clarify key areas of concern, examine their practical implications, and suggest directions for future research and policy development. A mixed-methods approach was employed, integrating quantitative data from a structured survey with qualitative data derived from in-depth interviews with medical professionals and stakeholders. The analysis reveals a combination of persistent systemic constraints and adaptive local innovations within the Egyptian medical landscape. Evidence of these challenges and responses, however, is not uniformly distributed across different healthcare sectors and regional contexts. The medical challenges in Egypt are multifaceted and deeply influenced by its specific socio-economic and structural environment. A one-size-fits-all approach is inadequate for addressing these issues. Policy and planning should prioritise context-specific, locally grounded strategies. Furthermore, a concerted effort is required to strengthen the empirical foundation of research through improved data collection, sharing, and transparency. Medicine, challenges, Egypt, Africa, case study, survey research, health systems. This study provides a detailed, empirical analysis of medical challenges within a specific African national context, contributing evidence to inform both scholarly discourse and health policy formulation in similar settings.

Keywords: *Survey research, Health systems, North Africa, Case study, Healthcare challenges, Medical education, Cross-sectional study*



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