Data Sharing Models in Egyptian Healthcare: A One-Year Impact Analysis Between Public Hospitals and Private Clinics

Wael Eissa[1], Ahmed El-Hosni[2], Amir Hassan[3,4], Gamal Abdelaziz[5]

[1] Department of Clinical Research, Minia University

[2] Theodor Bilharz Research Institute (TBRI)

[3] Department of Clinical Research, Theodor Bilharz Research Institute (TBRI)

[4] Agricultural Research Center (ARC), Giza

[5] Department of Epidemiology, Minia University

Author notes

Wael Eissa is affiliated with Department of Clinical Research, Minia University and focuses on Medicine research in Africa.

Ahmed El-Hosni is affiliated with Theodor Bilharz Research Institute (TBRI) and focuses on Medicine research in Africa.

Amir Hassan is affiliated with Department of Clinical Research, Theodor Bilharz Research Institute (TBRI) and focuses on Medicine research in Africa.

Gamal Abdelaziz is affiliated with Department of Epidemiology, Minia University and focuses on Medicine research in Africa.

Abstract

Data sharing between public hospitals and private clinics in Egyptian healthcare systems is crucial for improving patient outcomes and resource efficiency. A mixed-methods approach combining quantitative surveys and qualitative interviews was employed to assess the implementation and effectiveness of data-sharing protocols between participants. Public hospitals reported a 20% increase in patient referrals from private clinics after implementing secure data sharing mechanisms, while maintaining confidentiality standards. The findings suggest that robust security measures are essential for fostering effective data exchange between public hospitals and private clinics. Healthcare providers should prioritise the development of standardised protocols to ensure seamless integration and compliance with regulatory requirements. Egyptian healthcare, Public Hospitals, Private Clinics, Data Sharing Models, One-Year Impact Analysis Treatment effect was estimated with $text\{logit\}(\pi) = beta\,0 + \beta^{\neg} p\,X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: *Data Sharing, Egypt, Geographic Information Systems, Public Health, Healthcare Informatics, Evidence-Based Medicine, Geographic Terms*

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