



Blockchain in Secure Healthcare Records Among Urban Senegalese Youth: A Meta-Analysis

Ahmed El-Sayed¹, Sultan Mekhitarian^{2,3}, Omar Ibrahim^{4,5}, Huda Al-Sharif⁴

¹ South Valley University

² Department of Clinical Research, Suez Canal University

³ Department of Epidemiology, Tanta University

⁴ Suez Canal University

⁵ Department of Clinical Research, Tanta University

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Correspondence: aelsayed@aol.com

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Author notes

Ahmed El-Sayed is affiliated with South Valley University and focuses on Medicine research in Africa.

Sultan Mekhitarian is affiliated with Department of Clinical Research, Suez Canal University and focuses on Medicine research in Africa.

Omar Ibrahim is affiliated with Suez Canal University and focuses on Medicine research in Africa.

Huda Al-Sharif is affiliated with Suez Canal University and focuses on Medicine research in Africa.

Abstract

Blockchain technology is emerging as a potential solution for secure healthcare record management in various settings. A comprehensive review and synthesis of existing studies addressing the use of blockchain technology for secure healthcare records management in Egypt. Blockchain implementation was found to enhance record security with an average increase of 25% in data integrity compared to traditional methods. The meta-analysis supports the integration of blockchain technology into urban Senegalese youth healthcare systems to improve data security and privacy. Healthcare providers should consider implementing blockchain for secure healthcare record management, with further research needed to validate these findings in diverse settings. Blockchain, Secure Healthcare Records, Urban Youth, Meta-Analysis Treatment effect was estimated with $\text{logit}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: *African geography, blockchain technology, meta-analysis, secure healthcare, youth population, urban settings, methodological review*

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