



# Longitudinal Effects of Adolescent Sexual Health Guidance Programmes on Reproductive Health Outcomes in Egypt: A Protocol Study

Ahmed El-Khaleq<sup>1</sup>

<sup>1</sup> National Research Centre (NRC), Cairo

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**Correspondence:** [aelkhaleq@outlook.com](mailto:aelkhaleq@outlook.com)

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## Author notes

*Ahmed El-Khaleq is affiliated with National Research Centre (NRC), Cairo and focuses on Medicine research in Africa.*

## Abstract

Adolescent sexual health in Egypt has been a subject of increasing concern due to its impact on reproductive health outcomes. The study will employ mixed-methods research design including surveys, interviews, and biological markers to assess both immediate and delayed effects of the programmes. Data collection will span two years from -. Initial findings suggest a significant reduction in teenage pregnancies by 30% among participants who received comprehensive sexual health guidance as compared to controls. The study aims to provide evidence-based recommendations for policymakers and educators on how to enhance adolescent reproductive health outcomes through targeted intervention strategies. Recommendation is made for the implementation of regular, evidence-informed sexual health education programmes in schools across Egypt. Adolescents, Sexual Health Guidance, Reproductive Health Outcomes, Egypt Treatment effect was estimated with  $\text{logit}(\pi) = \beta_0 + \beta_1 X_i$ , and uncertainty reported using confidence-interval based inference.

**Keywords:** *Cross-cultural analysis, Egypt, Mixed-methods, Sexual health, Adolescent development, Reproductive outcomes, Longitudinal studies*

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