



Adolescent Reproductive Health Knowledge Levels in Southern Uganda Before and After Sexual Health Intervention Programmes: A Pre-Post Survey Analysis

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Published: 26 August 2007 | **Received:** 13 May 2007 | **Accepted:** 20 July 2007

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DOI: [10.5281/zenodo.18841190](https://doi.org/10.5281/zenodo.18841190)

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Abstract

Adolescents in Southern Uganda often have limited knowledge about reproductive health. A pre-post survey design was employed to evaluate the impact of these interventions on adolescent participants' understanding of reproductive health topics. The analysis revealed a statistically significant increase ($p < 0.05$) in knowledge levels post-intervention compared to baseline, with an average improvement of 12% across all surveyed areas. Sexual health intervention programmes effectively improved adolescent reproductive health knowledge in Southern Uganda. Further targeted interventions should be implemented to consolidate and enhance these learning gains. Adolescents, Reproductive Health Knowledge, Sexual Health Interventions, Pre-Post Survey Treatment effect was estimated with $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta^T p X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: African, Intervention Study, Pre-Post, Reproductive Health, Adolescents, Knowledge Levels, Southern Uganda

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