



Adolescent Reproductive Health Knowledge Among South Sudanese Refugee Girls in Mauritius: An Intervention Study

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Abstract

Adolescent girls in South Sudan are at high risk of sexual violence and unwanted pregnancies, highlighting the importance of reproductive health education. A quasi-experimental design was employed, with pre- and post-intervention assessments using validated questionnaires to measure changes in knowledge levels. Findings indicate an increase in correct responses from 45% to 67% among participants after the intervention, suggesting a significant improvement in reproductive health knowledge. The intervention demonstrated promising results in enhancing adolescent reproductive health knowledge. Further studies should be conducted with larger sample sizes and across different settings to generalize these findings. Treatment effect was estimated with $\text{logit}(\pi) = \beta_0 + \beta_1 X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: African, Intervention, Health Education, Adolescence, Refugees, Quasi-Experimental, Reproductive Health

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