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Effect of an educational intervention on university student's knowledge and attitudes toward reproductive health in Jordan**Reem A Ali**

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Health promotion is the most cost-effective method to reduce and prevent health problems. Using interactive teaching approach showed positive results in changing lifestyles and adopting more healthy practices among students. Little information was found on students' knowledge and attitude towards reproductive health in Jordan. A study was conducted to examine the effectiveness of an interactive teaching approach in promoting reproductive health awareness in undergraduate non-medical students in Jordan. A quasi-experimental one group pre-test and post-test design was employed to examine the change in university students' knowledge and attitude towards reproductive health. 210 students aged 18-24 years were used for this study. Knowledge and attitude regarding reproductive health issues were assessed using a computer-based questionnaire developed by the researchers. Descriptive and parametric analyses were conducted to analyze the data. A significant improvement in students' level of knowledge and attitude towards reproductive health was indicated by the analysis. The results of a mixed between-within subjects analysis of variance showed a significant interaction between gender and students' knowledge (pre-test and post-test), Wilks Lambda=0.98, $F(1, 208)=4.09$, $p=0.04$, partial eta squared=0.19. While, there was no significant interaction between gender and students' attitude towards reproductive health on pre-test and post-test. The implementation of health promotion courses, tapping on reproductive health issues while using interactive style is an influential method for students at this age to improve their knowledge and attitude regarding reproductive health.

Biography

Reem A Ali got her Graduate Degrees from prestigious universities in Canada. She is working as an Assistant Professor at Maternal and Child Health Department at Jordan University of Science and Technology for about six years. She has conducted a study examining the relationships between maternal attachment and infant sleep problems in preterm infants following discharge from hospital. Her work is fundamental to understand more about relationships between attachment, maternal settling behavior, and infant sleep. Also, she is conducting research studies on Health Promotion for newborn, children and their families, focusing on children's eating behaviors and reproductive health for youth.

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