



POSTER PRESENTATION

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Correlates of HIV knowledge and sexual risk behaviors among female military personnel

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From 16th International Symposium on HIV and Emerging Infectious Diseases
Marseille, France. 24-26 March 2010

Background

Uniformed services personnel are at an increased risk of HIV infection. We examined the HIV/AIDS knowledge and sexual risk behaviors among female military personnel to determine the correlates of HIV risk behaviors in this population.

Methods

The study used a cross-sectional design to examine HIV/AIDS knowledge and sexual risk behaviors in a sample of 346 females drawn from two military cantonments in Southwestern Nigeria. Data was collected between 2006 and 2007. Using bivariate analysis and multivariate logistic regression, HIV/AIDS knowledge and sexual behaviors were described in relation to socio-demographic characteristics of the participants.

Results

Multivariate logistic regression analysis revealed that level of education and knowing someone with HIV/AIDS were significant [$p < 0.05$] predictors of HIV knowledge in this sample. Condom use self-efficacy was significantly [$p < 0.05$] predicted by annual income and ethnicity. Condom use attitudes were also significantly [$p < 0.05$] associated with number of children, annual income, and number of sexual partners.

Discussion

Data indicates the importance of incorporating these predictor variables into intervention designs.

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Published: 11 May 2010

doi:10.1186/1742-4690-7-S1-P120

Cite this article as: Essien *et al.*: Correlates of HIV knowledge and sexual risk behaviors among female military personnel. *Retrovirology* 2010 **7**(Suppl 1):P120.

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