



## Assessment of KAP Regarding HIV Testing among Military Personnel in Omdurman Military Area 2017 - Sudan

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### Abstract

**Background:** According to WHO and UNAIDS estimates, the prevalence rate of HIV infection in Sudan is 25% in 2016. The AIDS epidemic in Sudan is concentrated among the most vulnerable groups (Commercial sex workers and MSM).

**Materials and Methods:** It is a descriptive cross-sectional community based study conducted at Omdurman Military Area among active duty service military personnel. The objective of the study was to establish baseline behavioral, knowledge and intervention program in relation to HIV/AIDS among military personnel. A sample size of 340 military personnel was determined using statistical formula.

**Results:** The entire respondents 100% is males, all 100% are Muslims and 100% of them had been circumcised. About 34.1% of the age group is between 18-24 years and 54.1% is between 25-49 years. Regarding education about 56.2% had basic school, 32% high school and only 11.8% illiterate. About 75% were married. The respondents were highly knowledgeable of HIV/AIDS, with 98.9% aware about AIDS, the main channel of hearing about HIV/AIDS is the lectures that had been done by the health workers (45%), however, only 13% heard about AIDS from peers. Only 35% of the respondents know about the symptoms and signs of the disease.

**Conclusion:** Even though the respondent's knowledge about the disease was good but also there was some wrong believes. The study showed that circumcision, religion, marital status, and health education programs are significant predictors for HIV infections control and prevention.

**Key words:** STDS, HIV/AIDS, military personnel, KAP.

### Biography

Abubakar has a Bachelor of Science (B.Sc.) degree in economics from the University of Abuja, as well as a Master of Science (M.Sc.) in Major Programs Management from Said Business School of the University of Oxford. He is a member of the Institute of Directors, governing council of the Chartered Institute of Bankers of Nigeria, member of the Nigerian Economic Summit Group committee for Agriculture and Food Security, and also serves on the advisory council of the Lagos Business School.

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