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### HIV/AIDS Knowledge and attitude among Al-Sahafa residents Attending Ibrahim Malik Hospital in November 2022

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**INTRODUCTION:** In Sudan HIV/AIDS has been sharply increasing from first documented case in 1986, to an estimated 40,000 cases in 2021. In such a Conservative society where HIV and sexually transmitted diseases are not publicly discussed, we did our study to assess HIV/AIDS knowledge, attitudes among Al-Sahafa residents Attending Ibrahim Malik Hospital.

**Methodology:** A cross-sectional study was conducted between 21/11/2022 to 30/11/2022. Using anonymous questionnaire, we collected sociodemographic knowledge, attitude data from (SS) 198 adult participants selected using non-probability convince method.

**RESULTS:** A total of 198 participated in this study with a response rate of 83%.

We found the most popular sources of participants' information about HIV were community and media(49%), that the most known method of HIV transmission was having unprotected sex (28.1%)

Regarding methods of prevention of HIV, abstinence of sex was the most known by participants (98%). The mean of knowledge score was found to be 6.1, and the mean of attitude score was found to be 6.5. Results showed that there is weak negative correlation between knowledge and attitude score.

**Conclusion:** Participants were moderately Knowledgeable about HIV/AIDS, yet there was some microconcepts about HIV treatment. There was substantial negative attitude towards PLHIV, indicating the need for intervention and awareness programmes.

#### Biography

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