

**Introduction:** Disclosure involves decisions about when, to whom, how, and under what circumstances one makes his/her status known. Most studies show a big variance of HIV disclosure rates across countries with the disclosure rates in developing countries after diagnosis ranged from 16.7% to 86%. Disclosure of HIV sero-status to sexual partners is important to the infected individual and to the general public for positive prevention through risk reduction behaviors and for appropriate care and treatment.

**Objective:** To establish factors influencing HIV/AIDS status disclosure to sexual partners among persons receiving ART in TASO in Mbale Municipality.

**Method:** This was across sectional study design that involved quantitative methods of data collection from the 350 respondents randomly sampled from among persons receiving ART from TASO Mbale in Mbale municipality.

**Results:** The HIV sero status disclosure rate among partners stands at 42.31. Respondents who are single were 2 times more likely to disclose their sero status than people of other marital status (AOR=2.256, 95%CI: 0.919-5.542, P=0.076). Respondents who were aware of their aware of their partners status were less likely to disclose their status than those who were aware of their partners status (AOR=0.469, 95%CI: 0.269-0.820, P=0.008). Being in a casual relationship was associated with more likelihood of disclosure of sero status than being in a committed relationship (AOR=2.266, 95%CI: 1.277-4.021, P=0.005). Fear of divorce is associated with lack of disclosure of sero status compared to those who did not have any fear for divorce (AOR=2.220, 95%CI: 1.011-4.877, P=0.047). Being in the relationship with a partner for a period up to 20 years were less likely to disclose their status to their partners than those who had been relating for over 20 years (AOR=0.369, 95%CI: 0.162-0.839, P=0.017).

**Conclusion:** The prevalence of disclosure of HIV/AIDS Sero- status among sexual partners was moderately Low. The duration of knowing HIV/AIDS sero-status for 20 years or less, casual relationship with the partner, fear of divorce/abandonment and awareness of partner's sero- status were associated with disclosure of HIV/AIDS status to sexual. There is a need to conduct thorough sensitization on the importance of HIV sero status disclosure as a means to promote positive living through behavior change.