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Frequency and predictors of consistent condom use in HIV/AIDS patients receiving antiretroviral therapy in Western Ethiopia: Implication to reduce transmission and multiple infections of HIV

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Background: HIV/AIDS is one of the greatest public health problems of sub-Saharan Africa countries. Consistent condom use among others remains the most effective barrier method against HIV transmission. However, frequency of consistent condom use and its determinants among people living with HIV/AIDS was not known. This scenario deserved to be investigated.

Methods: A cross sectional study was conducted through April to May, 2013 among 330 randomly selected patients who are currently taking anti-retroviral therapy (ART). Logistic regressions were performed to adjust and examine predictors of consistent condom use.

Results: A total of 330 HIV/AIDS patients who are currently receiving antiretroviral therapy participated in the study. The mean age of the study population was 31.4 (SD 10.5) years. Overall, consistent condom use was reported by 140 (88.6%) males and 110 (69.1%) females in the past six months. Multivariate analysis indicated that respondents with an advanced level of education were more likely to report regular use of condoms (OR 8.98; 95% CI 5.06-14.45) compared to those without the education. Being male, living in or around towns and taking ART for longer time were also positively associated with consistent condom use.

Conclusion: Females, patients living in rural areas, uneducated groups and new ART users were less likely to use condoms consistently. Therefore, the importance of consistent condom use should be well addressed in these segments of HIV/AIDS patients to prevent transmission and multiple infections of HIV.

Biography

Zewdneh Shewamene has completed his MSc in Pharmacology at the age of 27 years from Addis Ababa University. He is the faculty member of College of Medicine and health Sciences, University of Gondar, Ethiopia. He has published more than 5 papers in reputed journals.

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