

## Food insecurity and associated factors among people living with HIV attending ART clinic in fitche zonal hospital, Ethiopia.

**Dereje Bayissa Demissie**

*Department of neonatal nursing, Saint Paul's hospital millennium medical college.*

### Abstract:

The bi-directional linkages of HIV/AIDS and Food insecurity are not well documented. HIV/AIDS deepens food insecurity; affects the nutritional status of PLHIV leading to weight loss and wasting. Nutrition is the pivotal interface between food security and health security. The aim of this study was to determine the level of food insecurity and associated factors among People living with HIV in North Ethiopia Oromia Region Fitche Zonal Hospital.

### Methods:

Facility based cross-sectional study design was employed on 390 PLHIV attending Fitche Hospital ART clinic from February 15 to March 15/ 2012. The study participants were selected using simple random sampling technique. A pre- tested semi-structured questionnaire was used to collect data and analyzed using SPSS Version 16.0. Both bivariate and multivariate logistic regressions were used to identify associated factors. All statistical tests at  $P < 0.05$  were considered as significance and triangulated with qualitative result.

### Conclusion:

The level of food insecurity among PLHIV attending ART at Fitche Hospital is very high (87.4%). Monthly income, meal frequency per day, educational status, not involved in agriculture practices and psychological depression were demonstrated significantly associated with food insecurity among PLHIVs and these factors should be emphatically considered during PLHIV's nutritional program development. Therefore, Policy makers and Ministry of Health need to consider and plan for may increases numbers of food insecured PLHIV among these populations and would be better to give greater emphases to address PLHIV's food rations' in more comprehensive manner with ART treatments.



### Biography:

Dereje Bayiss Demissie was born on the 9th of January 1987. he has completed his bachelor of science in nursing profession in July 2009 at the age of 21 years, from Haramaya University College of Health Sciences and also he had graduated from Jimma University in June 2013 by Master of Science in Maternity and Reproductive Health from Jimma University College of Medicine and Public Health by emphasizing on Midwifery.



### Speaker Publications:

- Dereje Bayissa Demissie et al; Mother's satisfaction with the existing labor and delivery care services at public health facilities in West Shewa zone, Oromia region, Ethiopia, Dec 2020.
- Dereje Bayissa Demissie et al; Intimate Partner Violence against Married Women and Associated Factors in Gedo Town, Oromia, Ethiopia, Jan 2016.
- Dereje Bayissa Demissie et al; Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries, 2000–17, Sep 2020.
- Dereje Bayissa Demissie et al; Predictors of Acute Malnutrition Among 6 - 23 Months Children in Hidhebu Abote Woreda, Oromia, Ethiopia, Apr 2016.

### Healthcare and Pediatric Nutrition 2020

Dubai, UAE- June 22-23, 2020.

### Abstract Citation:

Dereje Bayissa Demissie; Food insecurity and associated factors among people living with HIV attending ART clinic in fitche zonal hospital, Ethiopia; Healthcare & Nutrition 2020; June 22-23, 2020; Dubai, UAE.