



Dyslipidemia and Associated Factors in Tenofovir Disoproxil Fumarate-Based Regimen Among Human Immunodeficiency Virus-Infected Ethiopian Patients: A Hospital-Based Observational Prospective Cohort

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Abstract

Introduction: Studies showed conflicting results regarding the effect of broadly used tenofovir disoproxil fumarate (TDF)-based regimen on lipid profiles, and in Ethiopia, there is no data regarding the magnitude of dyslipidemia and its associated factors.

Purpose: The aim of this study was to determine the magnitude of dyslipidemia and its associated factors among adult human immunodeficiency virus (HIV)-infected patients in TDF-based regimen at Tikur Anbessa Specialized Hospital (TASH) in Ethiopia.

Methods: A hospital-based observational prospective cohort study was conducted on conveniently selected 63 patients in TASH from January to September, 2019. The data was analyzed by using SPSS version 21.0, and multivariate logistic regression was used to determine associated factors with dyslipidemia. Paired t-test and McNemar's test were used to compare mean values and proportion of dyslipidemia of the six month visit from baseline, respectively. Statistical significance was set at $p < 0.05$.

Biography

Taklo Simeneh Yazie, who joined school in 1998. he has received my B. Pharm at Wollo University in 2014. He also received his MSc in pharmacology (Clinical) at Addis Ababa University in 2018. He is currently working as a academician and coordinator of Pharmacology and Toxicology Unit in Department of Pharmacy, College of Health Sciences in Debre Tabor University, Ethiopia. He has successfully completed his responsibilities as academician and coordinator of pharmacology and toxicology unit. He had more than two years of teaching experience as a lecturer. He took different trainings including systematic review and meta-analysis. He reviewed research proposals at institution level and manuscripts from journal. He has six published articles in reputable journals and one accepted systematic review for publication. In addition, he has four manuscripts under review and he have great interest in research regarding drugs.

Publications

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