

Pulmonology 2021: Assessment of association between microalbuminuria and lung function test among the community of Jimma town – Diriba Dereje - Ethiopia

Diriba Dereje

Abstract

Background: Cardiac and renal disease are the most prevalent chronic non-communicable diseases (CNCD) affecting community in a significant manner. The best and recommended method in halting CNCD is by working on prevention as early as possible. This is only possible if early surrogate markers are identified. As part of stated solution, this study will identify an association between microalbuminuria (early surrogate marker of the renal and cardiac disease) and lung function test among adult in the community.

Objective: The main aim of this study was to assess an association between microalbuminuria (early surrogate marker of the renal and cardiac disease) and lung function test among adult in the community.

Methodology: Community based cross sectional study was conducted among 384 adult in Jimma town. Systematic sampling technique was used in selecting participants to the study. In searching for possible association binary and multivariate logistic regression and t-test was conducted. Finally association between microalbuminuria and lung function test was well stated in form of figures and written description.

Result and Conclusion: A significant association was found between microalbuminuria and different lung function test parameters.

Biography: Diriba Dereje was born on the 5th July of 1990 and I have been worked in health centers for one year at different positions. That is adult outpatient diagnosis, maternal and child health, TB clinic since 2015 at Billo Health Center, Oromia, and southwest Ethiopia. I have certificate on family planning especially on Implanon insertion. I was graduated from Jimma University in 2014 by BSc in public health. Currently I am graduate assistant at Jimma university college of public health and medical science at department of biomedical science physiology course team.

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