

Pulmonology and Respiratory Research

August 23–24, 2021 | Webinar

Assessment of association between microalbuminuria and lung function test among the community of Jimma town.

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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 asses 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.

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