

RESPIRATORY HEALTH EFFECTS DUE TO USE OF SOLID BIO FUELS IN RURAL AREAS OF RAJASTHAN

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ABSTRACT

The use of unprocessed solid bio fuels and inadequate natural ventilation in rural households gives rise to high levels of indoor air pollutants. The cooks, mainly women are discriminately affected due to exposure to this. In this study, we report an analysis of incidence of respiratory disorders of cooks (n=90), in comparison to non cooks (n=94) based on the data collected from rural areas of Jaipur district, Rajasthan, India. The diagnostic and symptomatic tools were conjunctively used to assess the respiratory disorders. The cooks have been found to have reduced pulmonary response and higher symptomatic respiratory dysfunctions.

KEYWORDS: Female Cooks, Respiratory Health, Solid Bio Fuels, Spirometry