

ABSTRACT

The Health Ministry Of INDONESIA
Polytechnic Helath Ministry Of Surabaya
Course D-III Department Of Environmental Health
The Final Task, Juni 2020

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RELATIONSHIP BETWEEN VENTILATION CONDITIONS IN PATIENTS WITH HIS ENTERPRISES, ULTRA VIOLET IN THE LUNG TB PATIENTS HOUSE IN THE WORKING AREA OF BADEGAN PADOROGO DISTRICT, 2020

X + 43 pages + 6 *tables* + 8 pictures + 5 attachments

According to (Hughes, 2008) ventilation of houses that do not meet the requirements has a 4.932 times greater risk of TB occurrence compared to homes that meet the requirements. The lighting factor, according to research basically can kill TB germs. Home lighting that does not meet the requirements is 4,214 times more likely to get TB than a house that meets the requirements.

This type of research is an *expost facto* observational analytic with a case control approach. Using the fixed disease sampling method for the sample, where the criteria for sufferers are those who have positive smear pulmonary TB disease in the work area of Badegan Health Center. Total respondents in this study were 76 respondents with details of 38 cases and 38 controls.

Chi-Square test results indicate the condition of the house ventilation with its entry of UV rays in the home of patients with pulmonary TB (there is a relationship)

The results of the analysis of the relationship between the ventilation condition of the house with the entry of Ultra Violet rays in the house of patients with pulmonary tuberculosis obtained the results there is a relationship between the condition of ventilation with the ventilation condition of patients with pulmonary TB.

Keywords: Ventilation, UV rays, pulmonary TB

Librarianship: 36 readings (2002 - 2018)