

ABSTRACT

Ministry Of Health RI
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**"The Relation Between The Physical Condition Of The House With
The Event Of Pulmonary TB (Case Study in the Work Area of Pucang
Sewu Health Center Surabaya City in 2022)"**

iv + 56 Pages + 3 Pictures + 14 Tables + 7 Attachments

Pulmonary Tuberculosis is a direct infectious disease where most appear to attack the lungs but can attack organs not only the lungs. The expansion of TB cases can be influenced by several variables, including the physical conditions of the house such as floors, temperature, humidity, natural lighting, occupancy density and ventilation. This research was purposed was to determine the relationship between the Pucang Sewu Public Health Center Work Area, Surabaya city in 2022.

This research includes analytic observational research using the "case control" method. Data collection was carried out through measuring the physical condition of the house and also observation. The sample in this study were 27 cases and 27 controls, this study was obtained through the "simple random sampling" method. Data analysis used the "Chi-Square" test method in order to determine the independent variable and the dependent variable.

Based on the analysis of the "Chi-Square" test, the results of the studied showed that the physical condition of the house which had a relationship between the incidence of pulmonary tuberculosis in the Pucang Sewu Public Health Center work area was a variable temperature and humidity using a significant value ($p < 0.05$). Variables where there was no bond are floors, natural lighting, occupancy density, and ventilation with significant values ($p > 0.05$).

The conclusion from this studied that there was an relationship between the physical condition of the house and the incidence of pulmonary tuberculosis. Respondents are advised to care about the condition of the home environment.

Keywords : Pulmonary Tuberculosis, Mycobacterium tuberculosis,
Physical condition of the house

Reading List : 17 Books and 19 Journals (1999 – 2021)