

CASE STUDY ON BEHAVIOR FACRORS AND PHYSICAL CONDITIONS
OF THE HOUSE TOWARD THE EVENT OF PULMONARY TB DISEASE IN
THE WORK AREA OF THE PANEKAN PUSKESMAS IN 2022

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ABSTRACT

Tuberculosis (TB) is one of the most common infectious diseases and the leading cause of death worldwide. Pulmonary TB is caused by the bacterium *Mycobacterium tuberculosis*. Based on data on pulmonary TB disease from the Magetan District Health Office in 2021, the incidence of pulmonary TB in the work area of the Panekan Health Center is the highest compared to other health centers in Magetan Regency. This study aimed to determine behavioral factors (knowledge, attitudes and actions) and the physical condition of the house on the incidence of pulmonary TB disease in the work area of the Panekan Health Center.

This type of research is descriptive. The sampling technique used was the total sample method. The population in this study were all houses totaling 56,614 residents in Panekan District. The sample of this study used a purposive sampling technique for the control group. Respondents in this study were 40 patients and 40 were not patients with pulmonary TB. Data collection was carried out by surveys, interviews and observations using questionnaires.

The results of the study showed that 58 respondents (73%), the physical condition of the respondent's house did not meet the requirements as many as 51 respondents (64%), pulmonary TB disease was strongly influenced by the behavior and physical condition of the house with the result of bad behavior 58 respondents (72, 5%) and houses that do not meet the requirements of 51 respondents (63.8%). It is hoped that people with pulmonary TB will have the habit of opening windows, keeping their distance from non-pulmonary TB patients and improving the physical condition of their homes. Provide counseling and education to the community by the puskesmas. Subsequent research is to analyze the relationship between education, age, gender and add research variables regarding the incidence of pulmonary TB disease.

Keywords : Pulmonary TB, Behavior, Physical condition of the house.