

## ABSTRACT

Kementrian Kesehatan RI  
Politeknik Kesehatan Kemenkes Surabaya  
Program Studi Sanitasi Program DIII Jurusan Kesehatan Lingkungan  
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Santi Nur Khoirin

### **THE RELATIONSHIP BETWEEN HOME SANITATION CONDITIONS AND HEALTH BEHAVIOR WITH THE INCIDENCE OF PULMONARY TUBERCULOSIS IN THE WORK AREA OF THE DANDER HEALTH CENTER, DANDER DISTRICT, BOJONEGORO REGENCY IN 2022**

viii + 68 Page + 19 Table + 9 Attachment

Pulmonary Tuberculosis is one of the infectious diseases that is the main cause of death in the world. Pulmonary Tuberculosis is caused by the bacterium *Mycobacterium tuberculosis*. Based on data from the Dander Health Center, patients with pulmonary Tuberculosis have increased from 32 to 54. This study aims to determine the relationship between home sanitation conditions and health behavior with the incidence of pulmonary Tuberculosis in the working area of Dander Health Center.

His study uses a fact analytical research type with a case control design. The population in this study were 41 people who were recorded as sufferers. This sampling uses a non-probability sampling technique with a total sampling method. The number of samples is 41 patients and 14 non-patients using a ratio of 3:1 with a total of 55 respondents.

The results showed that the sanitation conditions of the house did not meet the requirements and had poor health behavior. The results of the Chi-square test obtained home sanitation conditions ( $p = 0,024$ ,  $OR = 4,333$ ) and health behavior ( $p = 0,002$ ,  $OR = 7,897$ ). It can be concluded that there is a relationship between home sanitation conditions and health behavior with the incidence of pulmonary Tuberculosis. So, it is expected for sufferers to always open windows every day, wear masks when interacting, expel saliva in special containers, do not smoke and cover mouth when sneezing and coughing. For further research, variables related to pulmonary Tuberculosis can be added.

Keywords : Pulmonary Tuberculosis, home sanitation conditions, health behavior  
Literature : 41 readings (2014-2021)