

RELATIONSHIP OF THE PHYSICAL CONDITION OF HOUSE AND FAMILY BEHAVIOR WITH THE EVENT OF LUNG TB IN THE WORKING AREA OF BANGKALAN PUSKESMAS YEAR 2021

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ABSTRACT

Pulmonary Tuberculosis (TB) is an infectious disease caused by the bacterium *Mycobacterium tuberculosis* in lung tissue. Based on data obtained from the Bangkalan Health Center in 2020, 69 cases of pulmonary TB were found. The purpose of this study was to analyze the relationship between the physical condition of the house and family behavior with the incidence of pulmonary TB in the working area of the Bangkalan Health Center.

This research is an analytic observational with case control design. Data collection was done by interview, observation and measurement. Sampling was done by simple random sampling as many as 118 samples. The data obtained were analyzed using the Chi Square test.

The results showed that there was a relationship between the physical condition of the house ($P= 0.025$), floor ($P= 0.003$), ventilation ($P= 0.019$), lighting ($P= 0.023$), and humidity ($P= 0.044$) with the incidence of pulmonary TB. Meanwhile, there was no relationship between walls ($P = 0.138$), occupancy density ($P = 0.192$), knowledge ($P = 0.568$), attitudes ($P = 0.096$), and actions ($P = 0.839$) with the incidence of pulmonary TB.

Based on this research, the advice given to the public that the public should make improvements in accordance with the conditions of the home environment Kepmenkes RINo. 829/Menkes/SK/VII/1999 and also implement clean and healthy living behavior.

Keywords: Pulmonary TB, physical condition of the house, family behavior

HUBUNGAN KONDISI FISIK RUMAH DAN PERILAKU KELUARGA DENGAN KEJADIAN TB PARU DI WILAYAH KERJA PUSKESMAS BANGKALAN TAHUN 2021

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ABSTRAK

Tuberkulosis (TB) Paru adalah penyakit infeksi yang disebabkan oleh bakteri *Mycobacterium tuberculosis* pada jaringan paru. Berdasarkan data yang diperoleh dari Puskesmas Bangkalan pada tahun 2020 ditemukan penderita penyakit TB Paru sebanyak 69 kasus. Tujuan dari penelitian ini untuk menganalisis hubungan kondisi fisik rumah dan perilaku keluarga dengan kejadian TB Paru di wilayah kerja Puskesmas Bangkalan.

Penelitian ini merupakan observasional analitik dengan desain case control. Pengumpulan data dilakukan dengan wawancara, observasi dan pengukuran. Pengambilan sampel dilakukan dengan simple random sampling yaitu sebanyak 118 sampel.

Data yang diperoleh dianalisis menggunakan uji Chi Square. Hasil penelitian menunjukkan bahwa ada hubungan antara kondisi fisik rumah ($P=0,025$), lantai ($P=0,003$), ventilasi ($P=0,019$), Pencahayaan ($P=0,023$), dan kelembaban ($P=0,044$) dengan kejadian TB Paru. Sedangkan tidak ada hubungan antara dinding ($P=0,138$), kepadatan hunian ($P=0,192$), pengetahuan ($P=0,568$), sikap ($P=0,096$), dan tindakan ($P=0,839$) dengan kejadian TB Paru.

Berdasarkan hasil penelitian, saran yang diberikan kepada masyarakat yaitu sebaiknya masyarakat melakukan perbaikan kondisi lingkungan rumah sesuai dengan Kepmenkes RI No. 829/Menkes/SK/VII/1999 dan juga menerapkan perilaku hidup bersih dan sehat.

Kata kunci : TB Paru, kondisi fisik rumah, perilaku keluarga