

ABSTRAK

HUBUNGAN ANTARA FAKTOR LINGKUNGAN FISIK RUMAH DAN PERILAKU TERHADAP KEJADIAN TUBERKULOSIS DI WILAYAH KERJA PUSKESMAS BATURRADEN I KABUPATEN BANYUMAS

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Latar Belakang : Tuberkulosis merupakan penyakit menular yang disebabkan oleh *Mycobacterium tuberculosis*. Jumlah temuan kasus tuberkulosis di Kabupaten Banyumas tahun 2023 sebanyak 1.844 kasus. Sementara itu, sebanyak 48 kasus ditemukan di Wilayah Kerja Puskesmas Baturraden I. Faktor risiko tuberkulosis disebabkan oleh beberapa faktor di antaranya faktor lingkungan fisik dan perilaku.

Metodologi: Desain penelitian ini menggunakan *case control*. Sampel penelitian sejumlah 96 orang dengan 48 orang kasus dan 48 orang kontrol. Analisis data yang dilakukan yaitu univariat dan bivariat menggunakan uji *chi square*. Variabel yang diteliti antara lain jenis dinding, jenis lantai, kepadatan hunian, suhu, kelembaban, perilaku membuka jendela, dan perilaku menjemur peralatan tidur. Penelitian dilakukan pada bulan Agustus-Desember 2023.

Hasil Penelitian: Berdasarkan analisis bivariat menggunakan uji *chi square* didapatkan nilai *p-value* jenis lantai sebesar 0,758; jenis dinding sebesar 0,466; kepadatan hunian sebesar 0,003; suhu sebesar 0,029; kelembaban 0,031; perilaku membuka jendela sebesar 0,010; perilaku menjemur peralatan tidur sebesar 0,675.

Kesimpulan: Terdapat hubungan antara kepadatan hunian, suhu, kelembaban, dan perilaku membuka jendela dengan kejadian tuberkulosis. Tidak terdapat hubungan antara jenis lantai, jenis dinding, dan perilaku menjemur peralatan tidur dengan kejadian tuberkulosis. Diharapkan semua pihak dapat membantu menurunkan kasus tuberkulosis.

Kata kunci: kondisi fisik rumah, perilaku, tuberkulosis

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ABSTRACT

THE RELATIONSHIP BETWEEN PHYSICAL ENVIRONMENTAL FACTORS OF THE HOUSE AND BEHAVIOR TOWARDS THE INCIDENCE OF TUBERCULOSIS IN THE WORKING AREA OF BATURRADEN I HEALTH CENTER, BANYUMAS DISTRICT

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Background: Tuberculosis is an infectious disease caused by *Mycobacterium tuberculosis*. The number of tuberculosis cases found in Banyumas Regency in 2023 was 1,844 cases. Meanwhile, 48 cases were found in the Baturraden I Health Center Working Area. Risk factors for tuberculosis are caused by several factors including physical environment and behavioral factors.

Methods: his research design used case control. The study sample was 96 people with 48 cases and 48 controls. The data analysis was univariate and bivariate using chi square test. The variables studied included wall type, floor type, occupancy density, temperature, humidity, window opening behavior, and bedding drying behavior. The research was conducted in August-December 2023.

Results: Based on bivariate analysis using the chi square test, the p-value of floor type is 0.758; wall type is 0.466; residential density is 0.003; temperature is 0.029; humidity is 0.031; window opening behavior is 0.010; behavior of drying sleeping equipment is 0.675.

Conclusion: There was an association between occupancy density, temperature, humidity, and window opening behavior with the incidence of tuberculosis. There was no association between floor type, wall type, and bedding drying behavior with the incidence of tuberculosis. It is hoped that all parties can help reduce the incidence of tuberculosis.

Keywords: physical house conditions, behavior, tuberculosis

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