

POLITEKNIK KESEHATAN TANJUNGPINANG. JURUSAN KESEHATAN
LINGKUNGAN. PROGRAM STUDI SANITASI LINGKUNGAN
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**Hubungan Kondisi Lingkungan Fisik Rumah Dengan Kejadian Tuberkulosis
Paru di Wilayah Kerja Puskesmas Bukit Kemuning Tahun 2022**

xviii + 96 halaman, 13 tabel, 15 gambar, 5 grafik, dan 10 lampiran.

RINGKASAN

Tuberkulosis adalah penyakit menular yang disebabkan oleh *Mycobacterium tuberculosis* dan merupakan salah satu dari 10 penyebab utama kematian di seluruh dunia. Berdasarkan hasil wawancara dengan petugas surveilan TB Paru dan buku catatan register Puskesmas Bukit Kemuning tahun 2021 ditemukan sebesar 98 kasus Tuberkulosis Paru dan sebanyak 4 orang meninggal dunia akibat dari kasus tersebut. Tujuan penelitian ini yaitu untuk mengetahui hubungan antara kondisi lingkungan fisik rumah dengan kejadian Tuberkulosis Paru di wilayah kerja Puskesmas Bukit Kemuning Tahun 2022.

Penelitian ini dilaksanakan pada bulan April-Mei 2022 dengan menggunakan metode penelitian analitik pendekatan *case-control*. Jumlah sampel yaitu 80 responden terdiri dari 40 kasus dan 40 kontrol. Hasil penelitian menunjukkan ada hubungan antara variabel suhu dengan kejadian tuberkulosis paru ($p.value$ suhu = 0,022, pencahayaan = 0,004, ventilasi = 0,024 dan kepadatan hunian = 0,003) sedangkan variabel kelembaban dan jenis lantai tidak ada hubungan dengan kejadian tuberkulosis paru ($p.value$ kelembaban = 0,653 dan jenis lantai = 0,060).

Masyarakat diharapkan turut berperan dalam pencegahan penyakit tuberkulosis dimulai dengan memperhatikan kondisi lingkungan rumah masing-masing. Seperti membiasakan membuka jendela setiap hari agar sirkulasi udara tetap terjaga dan sinar matahari dapat masuk ke ruangan dengan baik, menambah jumlah ventilasi, menggunakan jenis lantai kedap air dan jika satu rumah terdapat anggota keluarga yang sedang menderita tuberkulosis paru untuk dapat tidur dengan kamar yang terpisah guna mencegah terjadinya penularan.

Kata kunci: tuberkulosis paru, suhu, pencahayaan, ventilasi, kelembaban dan lantai.

Daftar bacaan: 53 (2016-2021)

POLYTECHNIC OF HEALTH TANJUNGKARANG. ENVIRONMENTAL
HEALTH DEPARTMENT. ENVIRONMENTAL SANITATION STUDY
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Thesis, Juli 2022
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***Relationship Between Physical Environment Conditions of the House and
Incidence of Pulmonary Tuberculosis in the Work Area of the Bukit Kemuning
Public Health Center in 2022***

xviii + 96 pages, 13 tables, 15 pictures, 5 charts, and 10 appendices.

ABSTRACT

Tuberculosis is an infectious disease caused by Mycobacterium tuberculosis and is one of the top 10 causes of death worldwide. Based on the results of interviews with pulmonary TB surveillance officers and the register of Bukit Kemuning Health Center in 2021, it was found that there were 98 cases of pulmonary tuberculosis and as many as 4 people died as a result of these cases. The purpose of this research is to know the relationship between condition environment physical house with incident Pulmonary tuberculosis in the working area Bukit Kemuning Health Center in 2022 .

This research was conducted in April-May 2022 using the analytical research method approach case-control. The number of samples is 80 respondents consisting of 40 cases and 40 controls. The results showed that there was a relationship between the temperature variable and the incidence of pulmonary tuberculosis (p. value temperature = 0.022, lighting = 0.004, ventilation = 0.024 and occupancy density = 0.003) while the humidity variable and type of floor have no relationship with the incidence of pulmonary tuberculosis (p. value humidity = 0.653 and type of floor = 0.060).

The community is expected to play a role in preventing tuberculosis starting by paying attention to the conditions of their respective home environments. Such as getting used to opening windows every day so that air circulation is maintained and sunlight can enter the room properly, increasing the amount of ventilation, using a waterproof type of floor and if in one house there is a family member who is suffering from pulmonary tuberculosis to be able to sleep with separate room to prevent transmission.

Keywords: *pulmonary tuberculosis, temperature, lighting, ventilation, humidity,
and floor.*

Reading list: *53 (2016-2021)*