

*ANALYSIS OF HOST RISK FAKTORS FOR TBC DISEASE IN THE PANEKAN
HEALTH CENTER WORKING AREA IN 2024*

*Yasma Ira Puspitasari¹, Irwan Sulistio², Rusmiati³, Khambali⁴,
Christian Yochanan⁵*

*Ministry of Health
Polytechnic Ministry of Health Surabaya
Environmental Sanitation Study Program Applied Undergraduate
Majors Environmental Health
Email : yasmaira3@gmail.com*

ABSTRACT

Panekan sub-district is one of the TBC endemic areas in Magetan Regency. There were 38 cases of tuberculosis at Panekan Health Center in 2024, from January to April. The purpose of this study is to analyze host risk factors for TBC disease in the Panekan Health Center working area in 2024.

This design of this study was an analytic observational, case control approach. The study population was all TBC patients at Panekan Health Center from November 2023 to April 2024. The sampling technique used was purposive sampling, namely 33 cases and 33 controls. The research variables were TBC disease, age, gender, education, occupation, and behavior. Data analysis was univariate and bivariate using Odds Ratio.

The results of this study showed that most TBC patients were adults, female, had low education, the majority worked, and had poor behavior. Women have a risk of 1.378 times, low education has a risk of 3.75 times, respondents who work have a risk of 4.6 times, and respondents with poor behavior have a risk of 3.121 times of contracting TBC.

The conclusion was that gender, education, occupation, and behavior are at risk of contracting TBC. It is expected that health workers at Panekan Health Center add information related to TBC prevention therapy. Future researchers can conduct research related to the analysis of agent or environmental risk factors that have not been studied in this study.

Keywords : Tuberculosis, host, education, occupation, behavior

ANALISIS FAKTOR RISIKO *HOST* TERHADAP PENYAKIT TBC DI WILAYAH KERJA PUSKESMAS PANEKAN TAHUN 2024

Yasma Ira Puspitasari¹, Irwan Sulistio², Rusmiati³, Khambali⁴,
Christian Yochanan⁵

Kementerian Kesehatan RI
Politeknik Kesehatan Kemenkes Surabaya
Program Studi Sanitasi Lingkungan Jurusan Kesehatan Lingkungan
Email : yasmaira3@gmail.com

ABSTRAK

Kecamatan Panekan merupakan salah satu daerah endemis TBC di Kabupaten Magetan. Kasus TBC di Puskesmas Panekan tahun 2024 mulai Januari sampai April sebanyak 38 kasus. Tujuan penelitian ini adalah menganalisis faktor risiko *host* terhadap penyakit TBC di wilayah kerja Puskesmas Panekan tahun 2024.

Desain penelitian ini adalah observasional analitik, pendekatan *case control*. Populasi penelitian adalah semua penderita TBC di Puskesmas Panekan mulai November 2023 sampai April 2024. Teknik pengambilan sampel menggunakan *purposive sampling*, yaitu 33 kasus dan 33 kontrol. Variabel penelitian adalah penyakit TBC, umur, jenis kelamin, pendidikan, pekerjaan, dan perilaku. Analisis data adalah secara univariat dan bivariat menggunakan *Odds Ratio*.

Hasil penelitian ini, sebagian besar penderita TBC adalah orang dewasa, berjenis kelamin perempuan, memiliki pendidikan rendah, mayoritas bekerja, dan memiliki perilaku kurang baik. Jenis kelamin perempuan berisiko 1,378 kali, pendidikan rendah berisiko 3,75 kali, responden yang bekerja berisiko 4,6 kali, dan perilaku responden yang kurang berisiko 3,121 kali terjangkit TBC.

Kesimpulan adalah jenis kelamin, pendidikan, pekerjaan, dan perilaku berisiko terjangkit TBC. Diharapkan bagi petugas kesehatan di Puskesmas Panekan menambahkan informasi terkait terapi pencegahan TBC. Bagi peneliti selanjutnya dapat melakukan penelitian terkait analisis faktor risiko *agent* atau lingkungan yang belum diteliti pada penelitian ini.

Kata kunci : TBC, *host*, pendidikan, pekerjaan, dan perilaku