

**POLITEKNIK KESEHATAN TANJUNGPURANG
PROGRAM STUDI SANITASI LINGKUNGAN
JURUSAN KESEHATAN LINGKUNGAN**

Skripsi, Juli 2022

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**HUBUNGAN SANITASI LINGKUNGAN DAN PERSONAL HYGIENE
DENGAN KEJADIAN DERMATITIS KONTAK DI WILAYAH KERJA
PUSKESMAS RAWAT INAP BUKIT KEMUNING LAMPUNG UTARA TAHUN
2022**

XVIII + 81 Halaman + 12 Tabel + 5 Gambar + 8 Grafik + 8 Lampiran

ABSTRAK

Dermatitis kontak adalah suatu peradangan kulit yang disebabkan oleh substansi yang menempel pada kulit. Bahan-bahan tersebut dapat berupa iritan maupun alergik. Di Puskesmas Rawat Inap Bukit Kemuning, Penyakit dermatitis kontak mengalami peningkatan tiap tahun dan termasuk 10 kasus besar penyakit yang menonjol.

Tujuan penelitian ini adalah mengetahui hubungan sanitasi lingkungan dan personal hygiene dengan kejadian Dermatitis Kontak di Wilayah Kerja Puskesmas Rawat Inap Bukit Kemuning Lampung Utara Tahun 2022.

Penelitian ini bersifat observasional analitik dengan pendekatan *case control*. Variabel yang diteliti adalah pH air, suhu, kelembaban, pencahayaan, lantai, kebersihan kulit dan kebersihan tempat tidur dengan melibatkan 70 responden terdiri dari 35 responden kasus dan 35 responden kontrol.

Responden yang menderita dermatitis kontak sebanyak 35 orang (50.0%) sedangkan sisanya adalah responden yang tidak menderita dermatitis kontak sebanyak 35 orang (50.0%). Hasil uji chi-square menjelaskan bahwa terdapat hubungan variabel suhu dengan kejadian dermatitis kontak didapat (*p-value* 0.001), pencahayaan (*p-value* 0.000), kebersihan tempat tidur (*p-value* 0.001). Sedangkan variabel pH air (*p-value* 0.151), kelembaban (*p-value* 0.164), lantai (*p-value* 0.314) dan kebersihan kulit (*p-value* 0.151) tidak memiliki hubungan dengan kejadian dermatitis kontak.

Kata Kunci: Dermatitis Kontak, pH air, Suhu, Kelembaban, Pencahayaan, Lantai, Kebersihan Kulit, Kebersihan Tempat Tidur.

Daftar Bacaan : 17

**TANJUNGPURANG HEALTH POLYTECHNIC
ENVIRONMENTAL SANITATION STUDY PROGRAM
DEPARTMENT OF ENVIRONMENTAL HEALTH**

Thesis, July 2022

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**RELATIONSHIP BETWEEN ENVIRONMENTAL SANITATION AND
PERSONAL HYGIENE WITH THE INCIDENCE OF CONTACT DERMATITIS
IN THE WORK AREA OF BUKIT KEMUNING HEALTH CENTER, NORTH
LAMPUNG IN 2022**

XVIII + 81 Pages + 12 Tables + 5 Figures + 8 Graphs + 8 Appendices

ABSTRACT

Contact dermatitis is an inflammation of the skin caused by substances that stick to the skin. These ingredients can be irritants or allergies. At the Bukit Kemuning Inpatient Health Center, contact dermatitis is increasing every year and includes 10 major cases of the disease that stand out.

The purpose of this study was to determine the relationship between environmental sanitation and personal hygiene with the incidence of Contact Dermatitis in the Work Area of the Bukit Kemuning Inpatient Health Center, North Lampung in 2022.

This research is analytic observational with a case control approach. The variables studied were water pH, temperature, humidity, lighting, floor, skin hygiene and bed cleanliness involving 70 respondents consisting of 35 case respondents and 35 control respondents.

Respondents who suffered from contact dermatitis were 35 people (50.0%) while the rest were respondents who did not suffer from contact dermatitis as many as 35 people (50.0%). The results of the chi-square test explained that there was a relationship between the temperature variable and the incidence of contact dermatitis (p-value 0.001), lighting (p-value 0.000), bed cleanliness (p-value 0.001). While the water pH variable (p-value 0.151), humidity (p-value 0.164), floor (p-value 0.314) and skin hygiene (p-value 0.151) had no relationship with the incidence of contact dermatitis.

Keyword: Contact Dermatitis, water pH, temperature, humidity, lighting, floor, skin hygiene, bed hygiene.

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