

POLITEKNIK KESEHATAN TANJUNGPURUN
JURUSAN KESEHATAN LINGKUNGAN
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Hubungan Perilaku 3M Plus Dengan Kejadian Demam Berdarah Dengue Di
Wilayah Kerja Puskesmas Susunan Baru Kota Bandar Lampung Tahun 2025

LV + 55 halaman + 22 tabel + 6 gambar + 9 lampiran

ABSTRAK

DBD merupakan infeksi virus yang menyebar dari Nyamuk ke manusia. Di Puskesmas Susunan Baru jumlah kasus DBD meningkat sebanyak 55% tahun 2024. Pemberantasan sarang nyamuk (PSN) dengan 3M Plus kombinasi, fogging, dan kerja bakti mampu mengurangi perkembangbiakan Nyamuk Aedes dan menurunkan DBD.

Tujuan penelitian ini mengetahui hubungan perilaku 3M plus dengan DBD di Puskesmas Susunan Baru Kota Bandar Lampung. Metode ini penelitian kuantitatif, studi case control. Sampel penelitian ini 128 sampel ,64 responden kasus dan 64 responden kontrol (1:1).

Sampel kasus diambil dengan teknik total sampling, sampel kontrol diambil dengan teknik purposive sampling. Analisis data dilakukan dengan uji chi-square ($\alpha=0,05$). Kesimpulan Ada hubungan bermakna antara menutup TPA (p value = 0,000), menguras TPA (p value = 0,003), mendaur ulang barang bekas (p value = 0,000), mengganti air vas bunga (p value = 0,000) dan menaburkan bubuk larvasida (p value = 0,036) dengan kejadian DBD di Wilayah Kerja Puskesmas Susunan Baru Kecamatan Tanjung Karang Barat Kota Bandar Lampung.

Kata kunci : 3 M Plus, Aedes, DBD, Demam Berdarah, PSN.

Daftar bacaan : 9 (2013- 2024).

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Relationship between 3M Plus Behavior and Dengue Fever Incidents in the Work Area of the New Susunan Health Center, Bandar Lampung City in 2025

LV + 55 pages + 22 tables + 6 figures + 9 appendices

ABSTRACT

Dengue Fever is a viral infection that spreads from mosquitoes to humans. In Susunan Baru Health Center, the number of dengue cases increased by 55% in 2024. Mosquito nest eradication (PSN) with 3M Plus combination, fogging, and community service can reduce the breeding of Aedes mosquitoes and reduce Dengue Fever. The purpose of this study was to determine the relationship between 3M plus behavior and Dengue Fever in Susunan Baru Health Center, Bandar Lampung City.

This method is quantitative research, case control study. The sample was 128 samples, 64 case respondents and 64 control respondents (1:1). Case samples were taken with total sampling technique, control samples were taken with purposive sampling technique.

Data analysis was conducted with chi-square test (α)=0.05. Conclusion There is a significant relationship between closing water reservoirs (p value = 0.000), draining water reservoirs (p value = 0.003), recycling used goods (p value = 0.000), changing flower vase water (p value = 0.000) and sprinkling larvicide powder (p value = 0.036) with the incidence of Dengue Fever in the Susunan Baru Health Center Working Area, Tanjung Karang Barat Subdistrict, Bandar Lampung City.

*Keywords: 3 M Plus, Aedes, DBD, Dengue Fever, PSN.
Reading list: 9 (2013- 2024).*