

PREVALENSI DAN ANALISIS FAKTOR RISIKO FELINE PANLEUKOPENIA VIRUS PADA KUCING DI KIT KAT LITE PETSHOP AND PETCARE TAHUN 2023

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INTISARI

Feline panleukopenia virus (FPV) adalah penyebab utama penyakit *feline panleukopenia* pada kucing. Tingkat morbiditas dan mortalitas FPV berkisar antara 25-90%, namun dapat mencapai 100% pada kasus infeksi perakut, terutama pada anak kucing yang belum divaksinasi. Tugas akhir ini bertujuan untuk menentukan prevalensi dan faktor risiko penyakit *feline panleukopenia* periode November 2022 hingga November 2023. Data penelitian dikumpulkan melalui rekam medis pasien di Kit Kat Lite Petshop and Petcare, Yogyakarta. Berdasarkan hasil perhitungan, ditemukan 56 kasus *feline panleukopenia* dalam periode satu tahun tersebut. Prevalensi kasus FPV pada kucing di Kit Kat Lite Petshop and Petcare pada tahun 2023 adalah 1,4%. Tidak terdapat hubungan antara curah hujan dengan jumlah kejadian infeksi FPV. Hasil analisis menunjukkan bahwa persentase kejadian FPV pada kucing betina (53,6%) sedikit lebih tinggi dibandingkan pada kucing jantan (46,4%). Kucing yang berusia ≤ 6 bulan lebih tinggi terinfeksi FPV (83,9%) dibandingkan kucing yang berusia > 6 bulan (16,1%). Persentase kucing terinfeksi FPV yang belum divaksinasi lebih tinggi (69,6%) dibandingkan dengan yang sudah divaksinasi (30,4%). Analisis data bivariat dilakukan dengan menggunakan perangkat lunak SPSS 24. Faktor jenis kelamin tidak menunjukkan pengaruh yang signifikan terhadap infeksi FPV, sebaliknya faktor umur dan vaksinasi berpengaruh signifikan terhadap infeksi FPV. Kucing yang berusia ≤ 6 bulan memiliki risiko tertular FPV sebesar 20,21 kali lipat dibandingkan dengan kucing yang berusia > 6 bulan. Kucing yang belum divaksinasi memiliki risiko tertular FPV sebesar 2,42 kali lipat dibandingkan dengan kucing yang sudah divaksinasi. Program vaksinasi lengkap merupakan bentuk pencegahan utama yang dapat dilakukan untuk mengurangi penularan FPV di Yogyakarta.

Kata Kunci: faktor risiko, *feline panleukopenia virus*, kucing, prevalensi

**PREVALENCE AND ANALYSIS OF RISK FACTORS FOR FELINE
PANLEUKOPENIA VIRUS IN CATS AT KIT KAT LITE PETSHOP
AND PETCARE IN 2023**

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ABSTRACT

Feline Panleukopenia Virus (FPV) is the primary cause of feline panleukopenia in cats. The morbidity and mortality rates of FPV range from 25-90%, but can reach 100% in cases of peracute infection, especially in unvaccinated kittens. This study aims to determine the prevalence and risk factors of feline panleukopenia from November 2022 to November 2023. The research data were collected from patient medical records at Kit Kat Lite Petshop and Petcare, Yogyakarta. Based on the calculations, 56 cases of feline panleukopenia were found within this one-year period. The prevalence of FPV cases in cats at Kit Kat Lite Petshop and Petcare in 2023 was 1.4%. There was no relationship between rainfall and the number of FPV infection cases. The analysis results had shown that the incidence of FPV in female cats (53.6%) had been slightly higher than in male cats (46.4%). Cats aged ≤ 6 months had been more frequently infected with FPV (83.9%) compared to cats older than 6 months (16.1%). The percentage of FPV-infected cats that had been unvaccinated had been higher (69.6%) compared to those that had been vaccinated (30.4%). Bivariate data analysis had been performed using SPSS 24 software. Gender had not been a significant factor in FPV infection; however, age and vaccination status had been significant factors. Cats aged ≤ 6 months had had a 20.21 times higher risk of contracting FPV compared to cats older than 6 months. Unvaccinated cats had had a 2.42 times higher risk of contracting FPV compared to vaccinated cats. A comprehensive vaccination program had been the primary preventive measure that could be taken to reduce FPV transmission in Yogyakarta.

Keywords: risk factors, feline panleukopenia virus, cats, prevalence