

## ABSTRAK

### Leukopenia pada Kucing di Klinik Hewan Calico Blotan Yogyakarta Periode November 2022-Januari 2023

Endah Anggitasari

19/442185/KH/10109

*Feline panleukopenia* (FPL) merupakan salah satu penyakit yang sering menyebabkan kematian pada kucing. FPL memiliki morbiditas dan mortalitas yang tinggi dengan penyebaran di seluruh dunia. FPL akut memiliki tingkat mortalitas 25%-90% sedangkan pada bentuk perakut tingkat mortalitas dapat mencapai 100%. Penelitian ini bertujuan untuk menganalisis data dan informasi terkait jumlah total leukosit pada kucing penderita *suspect* FPL.

Penelitian ini menggunakan 10 data rekam medis, termasuk data hasil pemeriksaan hematologis kucing yang didiagnosis *suspect feline panleukopenia* pada Klinik Hewan Calico Blotan Yogyakarta periode November 2022–Januari 2023. Data rekam medis meliputi nama kucing, nama pemilik, jenis kelamin, umur, ras, warna rambut, gejala klinis, diagnosis dan terapi, serta total leukosit. Data yang didapatkan dibandingkan dengan literatur dan dianalisis secara deskriptif.

Hasil penelitian ini menunjukkan bahwa sebanyak 9 kucing mengalami leukopenia dan didiagnosis *suspect feline panleukopenia*. Disimpulkan bahwa kucing penderita *suspect* FPL sebagian besar mengalami leukopenia dengan jumlah total leukosit  $\leq 2.500$  sel/mm<sup>3</sup>.

**Kata kunci :** kucing, *feline panleukopenia*, leukosit

## ABSTRACT

### Leukopenia in Cats at the Calico Blotan Animal Clinic Yogyakarta Period November 2022-January 2023

Endah Anggitasari

19/442185/KH/10109

*Feline panleukopenia* (FPL) is a disease that often causes death in cats. FPL has high morbidity and mortality with worldwide distribution. Acute FPL has a mortality rate of 25%-90%, while in the acute form can reach 100%. This study aims to analyze data and information related to the total leukocyte count in cats with suspected FPL.

This study used 10 medical record data, including data on the results of haematological examination of cats diagnosed with suspected feline panleukopenia at the Calico Blotan Animal Clinic Yogyakarta for the period November 2022–January 2023. The medical record data included the cat's name, owner's name, sex, age, race, color, hair, clinical symptoms, diagnosis and therapy, and total leukocytes. The data obtained was compared with the literature and analyzed descriptively.

The results of this study indicated that as many as 9 cats had leukopenia and were diagnosed as suspect feline panleukopenia. It was concluded that cats with suspected FPL mostly had leukopenia with a total leukocyte count  $\leq 2,500$  cell/mm<sup>3</sup>.

**Key words:** cat, *feline panleukopenia*, leukocyte