

ABSTRAK

**KAJIAN KLINIS DAN LABORATORIS
FELINE INFECTIOUS PERITONITIS (FIP) TIPE NON EFUSI
PADA KUCING PASIEN RUMAH SAKIT HEWAN PROF. SOEPARWI
FAKULTAS KEDOKTERAN HEWAN UNIVERSITAS GADJAH MADA**

**Happy Cahyaningtyas
19/445432/KH/10201**

Feline Infectious Peritonitis (FIP) adalah radang peritoneum infeksius pada kucing yang disebabkan oleh *Feline Corona Viruses* (FCoV) dengan bentuk utama yaitu efusi dan non efusi. Kucing terinfeksi melalui paparan oronasal terhadap virus, awalnya kucing terinfeksi oleh *Feline Enteric Corona Virus* (FECV), selanjutnya FECV bermutasi menjadi strain virulen *Feline Infectious Peritonitis Virus* (FIPV) yang menyebabkan FIP. Gejala klinis FIP tipe non efusi yaitu tidak ada eksudasi dalam rongga tubuh, adanya peradangan granulomatosa, anoreksia, depresi, pertumbuhan terhambat, serta adanya lesi okular atau gangguan saraf. Penelitian ini bertujuan untuk mengidentifikasi perubahan klinis dan laboratoris pada kucing FIP tipe non efusi. Metode diagnosa FIP tipe non efusi sangat beragam namun masih dianggap sulit. Penelitian ini dilakukan dengan pengisian sinyalmen dan anamnesa di *google form* oleh dokter hewan pemeriksa, pemeriksaan fisik, *rapid test* antibodi, pemeriksaan hematologi. Penetapan diagnosa didasarkan pada hasil *rapid test*, atau 3 dari 4 parameter memiliki hasil positif. Hasil pemeriksaan klinis dan laboratoris dianalisis secara deskriptif dan dibandingkan dengan literatur. Dari 12 sampel kucing, hanya 9 kucing yang positif FIP tipe non efusi. Tidak semua kucing dengan gejala klinis FIP terdiagnosa FIP tipe non efusi. Kucing yang dinyatakan positif FIP tipe non efusi menunjukkan perubahan klinis seperti anoreksia (77,78%), penurunan berat badan (66,67%), gangguan pernapasan (44,44%), gangguan pencernaan (22,22%), serta gangguan neurologik (11,11%), kemudian perubahan profil darah berupa trombositopenia (88,89%), leukositosis (55,56%), anemia (55,56%), dan sebanyak 22,22% kucing positif terhadap *rapid test*.

Kata kunci: kucing, FIP tipe non efusi, gejala klinis, hematologi, *rapid test*

ABSTRACT

CLINICAL AND LABORATORY STUDY OF FELINE INFECTIOUS PERITONITIS (FIP) NON-EFFUSION TYPE IN CATS PATIENTS AT RUMAH SAKIT HEWAN PROF. SOEPARWI FAKULTAS KEDOKTERAN HEWAN UNIVERSITAS GADJAH MADA

Happy Cahyaningtyas
19/445432/KH/10201

Feline Infectious Peritonitis (FIP) is an infectious inflammation of the peritoneum in cats caused by *Feline Corona Viruses (FCoV)*, FIP has two forms of disease, namely effusive and non-effusive. Cats usually infected with FCoV by oronasal exposure to virus, initially cats are infected by *Feline Enteric Corona Virus (FECV)*, then FECV mutate to a virulent strain FIP virus (FIPV) which causes FIP. The clinical symptoms of non-effusion type FIP are no exudation in the body cavity, granulomatous inflammation, anorexia, depression, stunted growth, and the presence of ocular lesions or nervous disorders. This study aims to identify clinical and laboratory changes in non-effusion type FIP cats. Non-effusion type FIP diagnostic methods vary widely but are still considered difficult. This study was conducted by filling in signalement and history on *google form* by veterinarian, physical examination, *rapid* antibody test, hematological examination. The determination of the diagnosis is based on the results of a rapid test, or 3 out of 4 parameters has positive results. The results of clinical and laboratory examinations are analyzed descriptively and compared with the literature. From this study, it is known that there are 9 cats that are positive for non-effusion type FIP. Not all cats with clinical signs of FIP are diagnosed with non-effusion type FIP. Cats that tested positive for non-effusion FIP showed clinical changes such as anorexia (77,78%), weight loss (66,67%), as well as respiratory (44,44%), digestive (22,22%), or neurological disorders (11,11%), and changes in blood profile in the form of thrombocytopenia (88,89%), leukocytosis (55,56%), or anemia (55,56%), and 22,22% of cats are positive for the rapid test.

Keywords: cat, non-effusion type FIP, clinical sign, hematology, *rapid test*