

## Evaluation Treatment of 130 Feline Infectious Peritonitis (FIP) Cats with GS-441524 in Iran

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**Abstract :** This investigation included 130 cats diagnosed with FIP (Feb 2021-March 2022) in Iran, 74 with effusive FIP, and 56 with non-effusive FIP. The patients' initial dosage regime consisted of a subcutaneous injection of GS-441524 was 6-15mg/kg-every 24h (based on the wet or ocular and neurologic signs). The minimum treatment period was twelve weeks, extended in animals that still had abnormal lab values, clinical signs, and sonographic findings. The outcomes of the 130 cats that completed the duration of treatment (14 died, 116 cured) were checked and recorded. Clinical, sonographic, and laboratory responses were checked and compared on days 28, 56, and 83 of treatment. 2 of the 116 cured cats relapsed within observation days. At the time of this publication (May 2022), 114 of the studied patients remained healthy. We could conclude that GS-441524 appears to be an effective option for FIP treatment, and also, to the base of our knowledge, this is the first report for group treatment of infected cats of FIP with GS-441524 in Iran.

**Keywords :** FIP, cat, GS-441524, treatment

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