

CASE REPORT

Canine Ivermectin Toxicity

Eclipse Specialty and Emergency Pet Care

Patient: Stella (8-Month-Old, Female Spayed, Cavalier King Charles Spaniel, 5 kg)

History: Around four hours prior to presentation, Stella ingested an estimated 2-3 tablets of 30 mg ivermectin (for an estimated dose of 20 mg/kg). Toxicosis may be seen at doses greater than 2 mg/kg (0.9 mg/lb).

Presentation and Treatment: Stella was admitted to our emergency department around 6 AM, after her owners called the ASPCA Animal Poison Control Center. She was then transferred to our critical care department around 8 AM, at which point she was beginning to show clinical signs of toxicosis, including mydriasis and altered mental state.

Given the severity of exposure, the owners elected to proceed with hemoperfusion to remove the ivermectin from Stella's blood and reduce the risk of long-term complications. Treatment was performed using the AimaLojic® ToxiClear™ 100 mL column, processing approximately 20 blood volumes.

Results: By the end of the day, Stella was happy and wagging her tail like normal. She remained hospitalized overnight for monitoring of neurologic signs and was discharged the following day.

