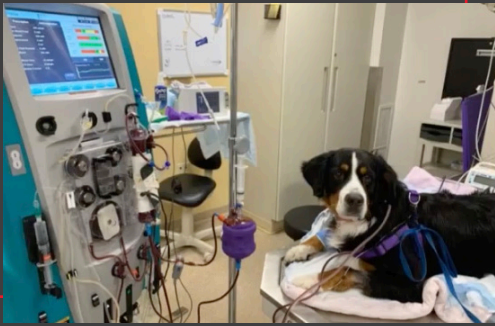


CASE REPORT

Canine Meloxicam Toxicity

The Ohio State University Veterinary Medical Center



Patient: Appa (1-Year-Old, Male Neutered, Bernese Mountain Dog)

History: Appa's owners needed to give Appa a mild sedative to help with anxiety due to houseguests, but they mistakenly gave 1.4 mg/kg of meloxicam instead of acepromazine, equating to about 14 times the therapeutic dose.

Presentation & Treatment: Appa was brought to The Ohio State University Veterinary Medical Center for treatment a few hours following ingestion. Given the pharmacokinetics of meloxicam, the team at OSU opted to treat with hemoperfusion (along with hemodialysis) to reduce the drug concentration in the blood as quickly as possible. The total combined treatment, which took about 2.5 hours and used a single AimaLojic 100 ml carbon column, reduced the amount of meloxicam in the blood by 88% (which is 18 times higher than endogenous elimination rate).

Results: Appa was treated successfully with no complications and went home the next day.

