

Blood clotting activity in dogs with chronic GI disease

Purpose

To determine the activity of an enzyme (ADAMTS-13) that plays a role in blood clotting, along with other known blood clotting parameters, in dogs with chronic GI disease

Background

Pets are prone to many of the same health problems as humans. Like humans, dogs can develop chronic inflammation in their GI tracts, leading to symptoms such as chronic vomiting, diarrhea, and/or weight loss. Dogs with chronic GI problems may be at higher risk of blood clotting disorders, but the mechanism for this isn't well understood. The purpose of this study is to determine the activity of an enzyme that plays a role in blood clotting, along with other known blood clotting parameters, in dogs with chronic GI disease.

Eligibility

- Dogs 1 year of age or older
- Two or more of the following clinical signs for at least 3 weeks duration: Vomiting, diarrhea, weight loss, and reduced appetite
- Indication for upper GI endoscopy and biopsies

Exclusion Criteria

- Major concurrent disease
- Sighthound breeds
- Receiving medications that may alter blood clotting

Study Design

Dogs undergoing routine advanced GI diagnostics (bloodwork, abdominal ultrasound, upper GI endoscopy with biopsies) will be evaluated in this study. Your dog will not receive upper GI endoscopy solely for the purpose of this study, but only as part of a routine clinical work-up by our Internal Medicine service. If your dog's biopsy shows evidence of a chronic GI disease, your dog will be included in the study. As part of the study, we will collect an extra blood sample, beyond what is typically needed as part of routine clinical care. All other procedures undertaken are part of the routine clinical assessment and care of dogs with chronic GI disease.

Compensation

As a participant in the study, the cost of an exam, urinalysis, abdominal ultrasound, zinc sulfate fecal, and gastrointestinal histopathology (sample analysis) will be covered. Since these tests are part of the routine clinical care of dogs with chronic GI disease, this will represent a significant cost savings (approx. \$600) off your dog's routine appointment. The cost of the blood tests on the study-specific sample are covered. The study-specific blood test results will not affect your dog's care and will not be shared with you.

Contact

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