

MEASURING HOW DRUGS AFFECT THE SPEED OF TRANSIT THROUGH THE GI TRACT VIA A SWALLOWED VIDEO RECORDING DEVICE

Dr Alice Defarges



Clinical Trial Purpose

Capsule endoscopy (CE) has revolutionized the approach of endoscopy in humans and dogs, allowing for the evaluation of the entire gut in a minimally invasive way, without the need for general anesthesia. Unfortunately, these capsules have a limited battery life and may run out prior to reaching the dogs' colon, resulting in an incomplete study. In order to use this innovative technology for clinical practice in dogs, it is crucial that we develop an optimal protocol for achieving a complete study.



The objective of this study is to determine if using prokinetic drugs prior to capsule administration will result in a higher rate of complete studies.

Is Your Pet Eligible?

Healthy dogs ≥ 10 kg, owned by external or internal (OVC) veterinary staff or students, not on any medication affecting gut motility (i.e. prokinetics, levothyroxine or opioids) with no adverse GI signs within the last 2 months (vomiting, diarrhea, or regurgitation) and no chronic gastroenteropathy.

Financial Incentives

Physical exam, capsule endoscopy exam and analysis, bloodwork (CBC and biochemistry profile), fecal occult blood test, urine specific gravity and (if necessary) CE retrieval procedures are included with study participation.

1

If your dog is eligible, a study appointment will be scheduled. Please bring a urine and fecal sample with you. At this appointment, your dog will be examined by the research team and blood collected via jugular venipuncture (unless bloodwork has been done in the last 3 months).

2

A research package including an ALICAM will be provided to you for CE administration at home. Your dog cannot have food 16 hours prior and 8 hours after CE administration (water is okay).

3

ALICAMs will need to be given to your dog 3 times, up to 2 weeks apart. The order of ALICAMs will be randomly assigned and may include prokinetic medications and specific instructions for their administration before, during and after giving the ALICAM: Control Group (no medication), Treatment Group M (Metoclopramide) and Treatment Group E (Erythromycin)

4

Following each of your dog's bowel movements, you will need to retrieve the ALICAM and record the date and time on the provided container. The ALICAM will then need to be returned to OVC. Upon return, you will be provided with the next research package for CE administration. If there are any abnormal results, you will be contacted about your pet's health within 1-2 weeks by the study clinicians.



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Questions about this study?

Please contact:

ovc.clinicaltrials@uoguelph.ca