

# CLINICAL TRIALS

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For additional information and to download handouts for current clinical trials, visit: <https://tiny.utk.edu/UTCVMClinicalTrials>

## Nutrition

**Dietary treatment of mild to moderate feline chronic enteropathy.** Three visits to UTCVM required. Cats that are indoor only, 1-8 years old, must have vomiting or small bowel diarrhea (> 3 weeks) could be eligible. They will be eating dry food only, if more than one cat in the house, all cats have to eat the test diet. All cats in the household must be dewormed with Panacur prior to study start. Food will be provided for all cats in the house. Initial visit testing (value: approximately \$930) will be covered. Four and 12 week exams are covered as well (value: approximately \$435). If low vitamin B12 is diagnosed, owner is responsible for cost of supplementation. Owner is responsible for cost of Panacur prior to study. **Contact: Nutrition Technician Tammy Moyers [tmoyers@utk.edu](mailto:tmoyers@utk.edu) or 865 755-8159** to schedule an appointment. Study PI: **Dr. Marianne Murphy**

**Efficacy of diet, antibiotics or probiotics for the treatment of canine acute gastroenteritis.** Dogs of any breed, gender or weight eligible. Must be older than 1 year and current on vaccinations. Presenting with symptoms of acute diarrhea, but otherwise healthy. No history of pancreatitis, IBD, endocrinopathy or suspicion of hemorrhagic gastroenteritis. Patients need to have a fecal score of 2.5 or lower on the Royal Canin 5-point scoring system. Study will last 5 days. At initial visit a fecal sample will be tested for parasites at no charge. Patients will be randomized into one of four groups. Owners will be required to complete a questionnaire and to collect fecal scores daily during the 5 day period. **Contact: Nutrition Technician Tammy Moyers [tmoyers@utk.edu](mailto:tmoyers@utk.edu) or 865 755-8159** to schedule an appointment. Study PI: **Dr. Maryann Murphy**

## Internal Medicine

**Gastrointestinal bleeding in dogs with pituitary-dependent Cushing's disease** Sustained glucocorticoid administration can cause occult gastrointestinal bleeding in dogs and people. The purpose of this study is to determine whether dogs with pituitary-dependent Cushing's disease have occult gastrointestinal bleeding. Bleeding will be assessed using capsule endoscopy - a non-invasive gastrointestinal imaging technique. Dogs must be 10 pounds or more, +/- positive test for Cushing's, no prior or current treatment for Cushing's. Inclusion in study will be determined at first study visit. Dog will have a minimum of 2 visits to the VTH. There is no charge to the owner for visit or diagnostics. Involvement in the study will last up to 2 weeks. **Contact: Dr. Phillip Ryan [pryan10@utk.edu](mailto:pryan10@utk.edu) | 865-974-8387, Dr. Jacqueline Whittemore [jwhitem@utk.edu](mailto:jwhitem@utk.edu) | 865-974-8387. Gina Galyon, LVMT (*clinical trial coordinator*) [ggalyon@utk.edu](mailto:ggalyon@utk.edu) | 865-755-8151**

**Snake bite treatment study on dogs - effects of hyperbaric oxygen therapy (HBOT) on wound healing.** To be eligible, the snake bite needs to be confirmed or highly suspected and patient must be presented within 24 hours of snake bite. If eligible, the dog will be chosen randomly to receive HBOT or not (control group). All dogs will receive standard of care for snakebite. The study will pay for 2 HBOT/control treatments (value of \$150). If additional treatments are recommended, the cost is \$65 per treatment.

**Contact: 865-974-8387, Dr. Shelly Olin – [solin@utk.edu](mailto:solin@utk.edu), Dr. Adesola Odunayo – [aodunayo@utk.edu](mailto:aodunayo@utk.edu), Dr. Julie Schildt – [jschildt@utk.edu](mailto:jschildt@utk.edu), Dr. Marti Drum – [mdrum@utk.edu](mailto:mdrum@utk.edu)**

**Measurement of serum vitamin K in dogs with chronic enteropathy, pre and post supplementation** Dogs with chronic enteropathy may be deficient in fat-soluble vitamins, such as vitamin K. We will be using a test used in humans to test for vitamin K levels in dogs. Qualified dogs will receive supplementation for 4 weeks then return weekly for a blood sample. At the end of the 4 weeks, a final sample will be taken for the study to see if there is an increase in functionally active vitamin K. Study medications, vitamin K blood test and blood clotting tests will be at no charge to the owner. Dogs must be greater than 2kg (4.4 pounds), vomiting, diarrhea or other GI signs for at least 3 weeks and greater than 1 year in age. **Contact: 865 974-8387 Dr. Jillian Myers Smith [jsmit553@utk.edu](mailto:jsmit553@utk.edu), Gina Galyon LVMT [ggalyon@utk.edu](mailto:ggalyon@utk.edu) 865 755-8151**

## Dermatology

**Effect of Claro on adrenal function in clinically healthy dogs** The purpose of this study is to determine if the application of a commonly used and widely available ear medication (Claro) for dogs, which contains a potent topical steroid, decreases natural steroid hormone production, and if so, for how long, in otherwise healthy dogs diagnosed with otitis externa. Dogs must be 8 months-6 years of age and maximum weight of 20 kg. Bilateral otitis externa preferred. Exclusion criteria for this study include use of corticosteroids (topical or systemic) within 3 months prior to entry, clinical suspicion of *Pseudomonas* otitis which would not respond to Claro administration, a ruptured tympanic membrane as assessed on otoscopy, pyoderma, generalized pruritus, and/or systemic illness. Involvement in the study requires 2-3 visits on days 0, 28, and 42 (if needed) within a 4-6 week period. Benefits provided at no cost for qualifying dogs include Claro otic medication, ACTH stimulation testing, otoscopy and otic cytology at each visit, and visits that are directly related to the study. Any additional costs will be discussed with client before proceeding. **Contact: Dr. Sarah Hoppers** [saremorr@vols.utk.edu](mailto:saremorr@vols.utk.edu) 865 974-8387

Contact information is provided for referring veterinarians only.

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