

# The Blue Buffalo Veterinary Clinical Trials

Advancing the Health of Animals and Health

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<https://vmc.vet.osu.edu/clinical-trials-office/current-trials>

## Current Enrolling Clinical Trials:

### Bones and Joints

- Pain management in dogs undergoing knee surgery  
o Comparing post-operative pain management after orthopedic surgery in dogs.

### Brain and Nervous System

- Physical rehabilitation in dogs with cervical spondylomyelopathy - can it lead to sustained neurologic improvement and better quality of life?  
o Physical therapy for dogs diagnosed with wobbler syndrome.
- Riluzole for Canine Degenerative Myelopathy  
o Pre-Screening Survey: <https://redcap.link/riluzoleDM>

### Cancer

- Incidence of hypercoagulability and thromboembolism in dogs with surgically treated primary hepatocellular and adrenal neoplasia  
o Characterizing hemostatic abnormalities in dogs with primary hepatocellular or adrenal cancer undergoing surgical removal.
- Injection-site sarcomas or mammary tumors in cats  
o Evaluating new imaging method to detect cancer cells left behind following tumor removal in cats undergoing surgery.
- Probiome for Canine Bladder Cancer  
o Pre-Screening Survey: <https://redcap.link/TCCProbiomeScreening>
- Immunotherapy for canine oral melanoma  
o Injection of weakened virus into the tumor and transfusion of tumor infiltrating lymphocytes in dogs with oral melanoma.
- Use of magnetic nanoprobes for ablation of canine mammary, skin and subcutaneous tumors  
o Initial testing for ablation (tumor killing) of mammary or skin tumors in dogs through a new noninvasive technology.
- Targeting MIC to Augment Adoptive NK Therapy Using the Canine Soft Tissue Sarcoma Model  
o Examining the use of a new canine antibody that will improve the activation of immune cells to target the cancer.
- Characterization and Prognostic Evaluation of Infiltrative Immune Cells in Canine Soft Tissue Sarcomas  
o Characterizing and assessing the prognostic value of infiltrative immune cells in canine soft tissue sarcomas.
- Characterization of Soft Tissue Sarcoma Microscopic Extension  
o The use of tattoo ink to facilitate advanced histologic evaluation of the lateral extension of canine soft tissue sarcomas.
- Artificial intelligence-based image analysis of lymph node mast cells in canine cutaneous mast cell tumors  
o Assessing a new approach to analyze metastasis of cutaneous mast cell tumors in dogs undergoing surgical removal.
- Ketamine treatment in dogs with clinical signs of Chiari-like malformation and syringomyelia  
o Up Coming Soon

### Internal Medicine

- The Effect of Transdermal Mirtazapine on Quality of Life in Cats  
o Assessing the effect of appetite stimulation on quality of life in cats with chronic kidney disease (CKD).
- Rapamycin clinical trial for cats with chronic kidney disease (CKD)  
o Assessing the administration of Rapamycin in cats with CKD.

Visit our Current Clinical Trials page to learn more about  
benefits of participating in clinical trials using this QR Code:



If you believe your pet may be eligible for a trial, please  
complete a pre-screening survey using this QR Code:



### Internal Medicine (continued):

- Effect of Iron Supplementation on the response to Varenzin-CA1 in Cats with CKD and Anemia 
  - Comparing response to Varenzin CA-1® with and without iron supplementation in cats with CKD and anemia.
- Investigating the Association Between Feline Plasma Cell Pododermatitis and Glomerular Disease 
  - Determining over a two-year period how frequently cats with pododermatitis develop kidney disease and monitor response to standard of care therapy.
- Kidney Protection Blend Diet for Cats with Chronic Kidney Disease 
  - Investigation of the effects of a novel kidney protection blend diet designed to target specific metabolic pathways that are altered in feline CKD.
- Potassium citrate in Feline CKD 
  - Evaluation of whether potassium citrate can effectively improve metabolic acidosis in cats with CKD.
- Lanthanum (Catney One®) as a Phosphate Binder for Cats with CKD 
  - Evaluation of a form of phosphate binder (Lanthanum; Catney One®) in cats with CKD.
- Does intestinal inflammation alter the pathogenesis of E. coli Urinary Tract infections? 
  - Investigating if gut leakiness, as measured by two different methods, contribute to the number of bacteria in the bladder and urinary tract infections.

