

# 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 🐕
  - 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? 🐕
  - Physical therapy for dogs diagnosed with wobbler syndrome.
- Riluzole for Canine Degenerative Myelopathy 🐕
  - Pre-Screening Survey: <https://redcap.link/riluzoleDM>

### Cancer

- Incidence of hypercoagulability and thromboembolism in dogs with surgically treated primary hepatocellular and adrenal neoplasia 🐕
  - Characterizing hemostatic abnormalities in dogs with primary hepatocellular or adrenal cancer undergoing surgical removal.
- Injection-site sarcomas or mammary tumors in cats 🐈
  - Evaluating new imaging method to detect cancer cells left behind following tumor removal in cats undergoing surgery.
- Probiome for Canine Bladder Cancer 🐕
  - Pre-Screening Survey: <https://redcap.link/TCCProbiomeScreening>
- Immunotherapy for canine oral melanoma 🐕
  - Injection of weakened virus into the tumor and transfusion of tumor infiltrating lymphocytes in dogs with oral melanoma.
- Use of magnetic nanoprobe for ablation of canine mammary, skin and subcutaneous tumors 🐕
  - 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 🐕
  - 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 🐕
  - Characterizing and assessing the prognostic value of infiltrative immune cells in canine soft tissue sarcomas.
- Characterization of Soft Tissue Sarcoma Microscopic Extension 🐕
  - 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 🐕
  - Assessing a new approach to analyze metastasis of cutaneous mast cell tumors in dogs undergoing surgical removal.

### Internal Medicine

- The Effect of Transdermal Mirtazapine on Quality of Life in Cats 🐈
  - 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) 🐈
  - Assessing the administration of Rapamycin in cats with CKD.
- 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.

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:

