



HELP ADVANCE HOPE FOR DOGS WITH KIDNEY DISEASE

A new clinical study at NC State Veterinary Hospital

Chronic kidney disease (CKD) is a common and progressive condition in dogs. Current treatments manage symptoms but do not slow the underlying kidney damage.

This study is evaluating an investigational medication that targets TGF- β , a key driver of kidney fibrosis, with the goal of slowing disease progression and improving quality of life.



PURPOSE

To evaluate whether an anti-TGF- β monoclonal antibody can slow progression of early-stage CKD in dogs.



STUDY DESIGN

Randomized, double-blinded, placebo-controlled clinical trial at NC State Veterinary Hospital.



TREATMENT

Monthly subcutaneous injections of the investigational medication or placebo.



YOUR IMPACT

Your dog's participation may help discover better treatments for dogs with kidney disease.

STUDY TIMELINE



Day -56

- Blood pressure
- Basepaws
- CBC
- Chemistry with SDMA
- NT-proBNP
- PTH
- UA
- UPC
- U-culture
- Total T4
- Tick Panel

Day -28

- Blood pressure
- CBC
- Chemistry with SDMA
- NT-proBNP
- PTH
- UA
- UPC

Day 0

- Blood pressure
- CBC
- Chemistry with SDMA
- NT-proBNP
- PTH
- UA
- UPC
- IVP Started

Day 56

- Blood pressure
- CBC
- Chemistry with SDMA
- NT-proBNP
- PTH
- UA
- UPC

Day 112

- Blood pressure
- CBC
- Chemistry with SDMA
- NT-proBNP
- PTH
- UA
- UPC

Day 168

- Blood pressure
- CBC
- Chemistry with SDMA
- NT-proBNP
- PTH
- UA
- UPC

Day 224

- Blood pressure
- CBC
- Chemistry with SDMA
- NT-proBNP
- PTH
- UA
- UPC

Day 280

- Blood pressure
- CBC
- Chemistry with SDMA
- NT-proBNP
- PTH
- UA
- UPC
- IVP Started

Day 336

- Blood pressure
- CBC
- Chemistry with SDMA
- NT-proBNP
- PTH
- UA
- UPC
- IRVPS Renal Biopsy



WHO CAN PARTICIPATE?

Dogs may be eligible if they:

- ✓ Have stable Stage 1 or Stage 2 CKD (IRIS guidelines)
- ✓ Are at least 2 years old and weigh at least 2.0 kg
- ✓ Have evidence of kidney damage on blood/urine testing
- ✓ Have had a recent kidney biopsy confirming CKD

Additional inclusion and exclusion criteria apply. Ask our team if your dog may qualify!



WHAT TO EXPECT

- ✓ Comprehensive monitoring by our nephrology team
- ✓ Regular recheck visits and laboratory testing
- ✓ Monthly injections (given at NC State)
- ✓ Your dog's health and well-being are our top priority



INTERESTED IN LEARNING MORE?

We'd love to talk with you about this opportunity.

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🌐 vetmed.ncsu.edu/harrislab



Every participant makes a difference. Thank you!

