



UW Veterinary Care
UNIVERSITY OF WISCONSIN-MADISON

LOOKING FOR Clinically Healthy Dogs

Early Detection Screening of Dogs for Bladder Cancer

The Study

The University of Wisconsin-Madison School of Veterinary Medicine is helping the NC State College of Veterinary Medicine to screen dogs for bladder and prostate cancer, called urothelial carcinoma or transitional cell carcinoma (UC/TCC). Investigators at NC State College of Veterinary Medicine will screen dog urine for a marker of UC/TCC using the CADET® *BRAF* Mutation Detection Assay. The goal of the study is to determine if this test can be used to diagnose UC/TCC before signs develop. Investigators hope that early diagnosis will allow them to initiate treatment earlier to delay progression and improve survival for dogs with this disease.

Who Qualifies

Any clinically healthy American Eskimo Dog, Beagle, Jack Russell Terrier, Scottish Terrier, Shetland Sheepdog, or West Highland White Terrier that is at least 6 years of age with no sign of urinary tract infection.

What Happens

You will be asked to apply to participate in the study and collect a urine sample from your dog that you will ship to the lab using a self-addressed, postage-paid shipping container. If your dog tests positive, you will be invited to either UW Veterinary Care or the NC State Veterinary Hospital for a comprehensive clinical evaluation, or investigators will recommend that you follow up with your primary care veterinarian.

Why Participate

You will receive free screening for UC/TCC. If invited for clinical evaluation, your dog will receive a complete examination, including bloodwork, abdominal ultrasound of the urinary tract, and cystoscopy of the urinary tract at no cost to you, as well as regular clinical followup for 12 months.

More Information

If you are interested in participating in this study, please contact Amy Elbe, CVT, LAT at clinicalstudies@vet.med.wisc.edu or Dr. Michael Wood at michael.wood@wisc.edu