



**UW Veterinary Care**  
UNIVERSITY OF WISCONSIN-MADISON

## **LOOKING FOR Dogs with Bladder Cancer**

### **Bladder Cancer in Dogs: Environmental Risk Factors**

#### **The Study**

Bladder cancer in dogs can lead to blood in the urine, pain on urination, and urinary blockage. The underlying causes in dogs are not well understood. Bladder cancer in humans can be caused by toxic chemicals in the environment. We are looking to see if the same is true for dogs. The aim of this study is to determine whether exposure to certain environmental chemicals contributes to bladder cancer risk in the dog.

#### **Who Qualifies**

Any dog diagnosed with bladder cancer (transitional cell carcinoma of the bladder or urethra), confirmed by tumor biopsy, genetic (BRAF) test, or examination of urinary cells.

#### **What Happens**

A voided 25 mL urine sample (about 2

tablespoons) is collected from your dog. Urine samples can be obtained at home using a kit that we provide, through a quick visit to UW Veterinary Care, or at your dog's primary care veterinary clinic. The dog's owner will also be asked to fill out a questionnaire about the dog's environment, which is included in the study kit.

#### **Why Participate**

The results of this study may help us understand what causes bladder cancer in some dogs, and lead to better ways to prevent this disease.

#### **More Information**

If you are interested in participating in this study, please contact Kaitlyn Craun at [craun@wisc.edu](mailto:craun@wisc.edu) or Dr. Lauren Trepanier at [lauren.trepanier@wisc.edu](mailto:lauren.trepanier@wisc.edu). Thank you for reading about this study!