# Current Veterinary Clinical Trials

## **ECTOPIC URETERS**

### Background

• The ureters are the tubes that connect the kidneys to the bladder for the purpose of moving urine out of the body. Sometimes when a puppy is developing during embryogenesis, the ureters do not connect properly into the bladder. When this occurs the ureters are called ectopic. We propose to identify the region of the dog genome associated with ectopic ureters. In order to do this, we will collect blood samples.

#### Participation Requirements

 Labrador Retrievers, Golden Retrievers, and Newfoundlands diagnosed with ectopic ureters

#### Procedures

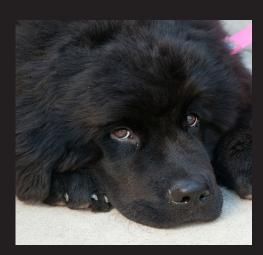
 Collection and submission of a whole blood sample by you or your veterinarian for DNA analysis

#### Owner Responsibilities

• Submission of the blood sample

#### Benefits

- Although there is no direct medical benefit to your dog, results from this study will benefit science and the discovery of inherited ectopic ureters in the Labrador Retriever, Golden Retriever, and Newfoundland.
- Results from this study may lead to the development of a DNA based test that will allow breeders to make informed breeding decisions.





#### CONTACT INFORMATION

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