

Seeking DNA Samples for Two Ongoing Studies
DELAYED POSTOPERATIVE BLEEDING
& ADVERSE DRUG REACTIONS
Assessing Genetic Predispositions in Sighthounds

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Description

The Program in Individualized Medicine (PrIME) at Washington State University's College of Veterinary Medicine is currently seeking DNA samples for **two** separate ongoing studies involving sighthounds. One study is investigating delayed postoperative bleeding and the other study is examining adverse drug reactions. The purpose of these studies is to identify genetic variants that may predispose sighthounds to either of these conditions.

Eligibility

- Any sighthound that has experienced delayed bleeding that began 24-72 hours after a surgical procedure, preferably with medical records that can be provided to document the bleeding. DNA from littermates of dogs that have passed away from this condition are also of interest.
- Any sighthound that has experienced an adverse drug reaction, especially an adverse reaction to anesthesia such as unexpected slow or delayed recovery or an unexpected pronounced increase in body temperature (malignant hyperthermia), preferably with medical records that can be provided to document the adverse reaction.

Participation

DNA collection is performed by the owner through a simple swab of the inside of the dog's cheek. The swabs are mailed to the owner along with a consent form, a questionnaire, directions and a return envelope. Owners are responsible for returning the swabs to Washington State University.

Benefits

There are no immediate benefits to dogs participating in these studies. However, if responsible genes are successfully identified, participants as well as many other dogs in high-risk breeds stand to benefit from these discoveries.

To enroll your dog in a study or if you have any questions regarding these studies, please contact the investigators by email: courtlab@vetmed.wsu.edu.



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