



Irish Wolfhound Osteosarcoma

LOOKING FOR PARTICIPANTS

The Comparative Genetics Laboratory at the University of Wisconsin School of Veterinary Medicine is investigating osteosarcoma (OSA) in the Irish Wolfhound, specifically focusing on young dogs.

We are interested in the specific genetic component that has made OSA so prevalent in Irish Wolfhounds. This work has been funded by the AKC Canine Health Foundation, and we are excited to be working with their team and yours as we move forward with this important work!

Studying diseases in rare breeds is difficult, but new technologies are providing opportunities to investigate the genetics of disease with fewer dogs than were historically needed for this type of work. We are looking to collect blood samples from a select number of Irish Wolfhounds. These blood samples need to be collected specifically for this study due to the advanced technology that we will be using for this work. We are also seeking pedigrees of any Irish Wolfhound, particularly when it is known whether the dog or their relatives have or have not developed OSA.

Specifically, we are seeking:

- 1) Purebred Irish Wolfhounds who have developed OSA before the age of 5. If either (or both) parent is available to donate a blood sample, this would be of substantial value. For dogs undergoing limb amputation, we may ask permission to have your veterinarian collect tissue samples after surgery.
- 2) Purebred Irish Wolfhounds over 10 years of age who have not developed OSA
- 3) Pedigrees of families with individuals that have known OSA disease status (case or control) or known age and cause of death. (Annotated pedigree)



You are not required to come to the University of Wisconsin for participation. You may participate even if your dog does not have an official "tissue diagnosis" of OSA, as long as there is radiographic evidence of disease.

Participation is free, and we are not asking for donations. For owners/animals unable to visit UW-Madison, we cover all costs associated with visiting your family veterinarian, drawing blood and shipping. We will provide your veterinarian with everything needed. We regularly work with veterinary practices to ensure that the process minimizes the burden on owners and their pets!

We would be grateful if you have a dog or know of dogs/litters that could participate in this work. All identification will remain confidential, as we understand this can be a sensitive issue.

The best way to contact us is through e-mail: genetics@vetmed.wisc.edu or by phone: (608) 265-5828. Alternatively, you can contact us through Facebook! <http://www.facebook.com/SVMgenetics>

Please consider joining our Team as we begin our investigation of the genetic basis of osteosarcoma in young Irish Wolfhounds!!