

## Great Dane Dilated Cardiomyopathy Study

We are looking for DNA samples from adult Great Danes **without** dilated cardiomyopathy to serve as controls (the unaffected group) to advance our study to identify a gene for Great Dane dilated cardiomyopathy.

- For the technique to work well, we need DNA samples from affected and unaffected dogs.
- We have DNA samples from many affected Great Danes however **we are looking for samples from unaffected Great Danes at least 9 years of age**. They do not need to have been evaluated by an echocardiogram (cardiac ultrasound) to participate but if they have been and you have that information it would be helpful to us!
- Ideally the samples would be from dogs with a pedigree but we can take samples from non-pedigreed rescue Danes as well. If you do have a pedigree and can include a Xerox copy that would be VERY helpful as well!
- If you have a sample from an affected dog, we would be happy to take that as well, but we are in greatest need of samples from unaffected Great Danes at this time.
- **Please return the form on page 2 with your sample and mail to:**

**VCGL – WSU**  
**Post Office Box 605**  
**Pullman, WA 99163-0605**

### **Sample collection**

Please ask your veterinarian or a veterinary technician to pull a blood sample into an **EDTA** tube. Most veterinary hospitals have these readily available.

1. Blood drawn into a Standard EDTA Tube does not need to be refrigerated.
2. Blood draw volume should be 2 to 3 ml, if possible.
3. Please label tube well, with animal's call name and family last name and send the samples to our lab via the address above.

**Blood drawn does not need to be mailed back with ice packs or be shipped overnight. However, if possible please try to send the sample within a few days by standard mail. Until the blood can be mailed, it is a good idea to refrigerate it (i.e., if the blood was drawn late Saturday and cannot be mailed until Monday, it's a good idea to refrigerate it between Saturday and Monday).**

**Questions? Contact Info: Email: [meurs@vetmed.wsu.edu](mailto:meurs@vetmed.wsu.edu) Phone: 509.335.6038**

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**Dog Name:**

**Gender:**

**Birthdate:**

**Owner Name:**

**Complete Address:**

**Phone Number:**

**E-mail:**

**Date (if ever) of Last Echocardiogram:**

**Has this dog been diagnosed with dilated cardiomyopathy?**

**Has this dog ever been diagnosed with a cardiac arrhythmia (atrial fibrillation or ventricular premature complexes (called VPCs). ?**

**Do you know of any family history of dilated cardiomyopathy for this dog?**

**If possible could you please include a Xerox copy of a pedigree and any echocardiogram information ?**

***THANK YOU!!!!!!!!!!!!***