



Characterization of Kidney Disease in Dalmatians

Do you own a Dalmatian that has been diagnosed with kidney disease or is related to one with kidney disease? The DCAF & DCA, with the support of the CHF, is sponsoring a study which might help determine if there is an inherited link to kidney disease in the Dalmatian breed.

How you can help

PHASE 1- Collection of Historical Data

- 1) Provide a complete pedigree of your pet, which includes identification of any relative with a diagnosis of kidney disease
- 2) Share all medical records from those individuals diagnosed with kidney disease
- 3) Provide access to any kidney tissue and/or laboratory values (e.g. bloodwork) which might have been previously tested

PHASE 2- Sample Collection from Pedigreed Families where Kidney Disease is Prevalent

(May run concurrent with Phase 1)

- 1) Kidney samples via biopsy or autopsy

If your veterinarian recommends performing a kidney biopsy to determine the cause of your Dalmatian's kidney disease, or if your dog has a diagnosis of kidney disease and is euthanized for any reason, kidney samples can be submitted to the International Veterinary Renal Pathology Service (IVRPS) at the Ohio State University for evaluation. Biopsy samples should be collected early in the disease process to provide the best interpretation and guidance for treatment of the disease.

- 2) Blood and urine

If kidney tissue is provided, blood and urine should be submitted concurrently for additional analyses and isolation of DNA. If kidney tissue is not provided, then blood and urine can be submitted to Texas A & M University for evaluation, which can help determine the extent to which your dog's pedigree is affected.

Evaluations of all submitted samples will be performed at no cost to the owner and all results will be provided through their veterinarian.

For more information, please contact:

DCA Liaison

Michele Wrath

Early Onset Juvenile Renal Disease

Study Group, Chair

michelewrath@yahoo.com

919-452-6626

At the Ohio State

Dr. Rachel Cianciolo

IVRPS, Co-Director

Principle Investigator

Cianciolo.14@osu.edu

614-292-9717

At Texas A & M

Dr. Mary Nabity

IVRPS, Co-Director

Co-Investigator

mnabity@cvm.tamu.edu

979-845-9172