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- Twenty DNA samples from hounds with epilepsy, osteosarcoma, lymphoma, primary ciliary dyskinesia and chronic pneumonia were sent for whole genome sequencing.
- Data now being analyzed and the data set continues to expand.
- Epilepsy in the IW is the different than last published data in 2005 and the AKC CHF has approved funding to review epilepsy in the IW.
- Above project will begin with a questionnaire established according to newer guidelines established by veterinary neurologists.
- Extent of a the seizure carrier pool in the Irish Wolfhound remains unknown and work to develop a genetic test for this is ongoing.
- To begin collaboration with Dr Jacqueline Evans from Cornell to clarify genetic components of IW cardiac disease.
- Dr Evans is recognized for work in complex disease. Work to start after data obtained.
- Continuing to update data base.
- Canine degenerative myelopathy is strongly associated with SOD1c.118G>Q variant in many breeds.
- Homozygous dogs are at high risk. Presumptive diagnosis antemortem relies on clinical features plus genetic testing.
- In Irish wolfhounds the SOD1 variant is rare.
- Suggests Degenerative Myelopathy should not be prioritized in diagnosis of thoracolumbar myelopathy including hind limb dysfunction in the Irish Wolfhound.

