



Ocular disorders known or presumed to be inherited (published)

	Diagnosis	Description and comments specific to the breed	Inheritance	Gene/ marker test	References
A	Distichiasis	Common presentation in dogs 6 months and older; usually minor epiphora	Unknown	NO	1,2,3
B	Entropion	Lower lateral eyelid; it usually occurs in the first year of life	Unknown	NO	1,2
C	Ectropion			NO	3
D	Cataract	1. Anterior subcapsular striate cortical cataract; 5-8 y.o.; slowly progressive 2. Posterior polar subcapsular cataract; 2-4 y.o.; slowly progressive		NO	1,2,3
E	Progressive Retinal Atrophy (PRA)	Diagnosis at 3-5 y.o.	Unknown	NO	1,2

The ECVO's advice relating to hereditary eye disease control

Please see ECVO Manual chapter 8: VET Advice

Recommendations regarding age and frequency for eye examinations

Please see ECVO Manual chapter 7: ECVO Age and Frequency recommendations

Other ocular disorders (reported)

	Diagnosis	Source
A	Eversion of the cartilage of the nictitating membrane	French National Panel
B	Corneal dystrophy -epithelial/stromal	ACVO genetics committee
C	Persistent pupillary membranes -iris to iris	ACVO genetics committee
D	Vitreous degeneration -syneresis	ACVO genetics committee
E	Choroidal hypoplasia	ACVO genetics committee
F	Optic nerve coloboma	ACVO genetics committee
G	Retinal dysplasia -folds	ACVO genetics committee

References

1. Rubin LF. Inherited eye diseases in purebred dogs. Williams & Wilkins 1989;99-101.
2. Chaudieu G. Chahory S. Affections oculaires héréditaires ou à prédisposition raciale chez le chien. 2nd ed. Ed. du Point Vétérinaire 2013;358-359.
3. Barnett KC: Comparative aspects of canine hereditary eye disease. Adv Vet Sci Comp Med 20:39, 1976.