



Ocular disorders known or presumed to be inherited (published)

	Diagnosis	Description and comments specific to the breed	Inheritance	Gene/ marker test	References
A	Entropion	Lower lateral eyelid; between 8 months and 1 y.o.	Unknown	NO	1,2
B	Eversion of the cartilage of the nictitating membrane	Between 3 and 8 months of age	Unknown	NO	1,2
C	Cataract	Posterior subcapsular cortical cataracts; 1-2 y.o. dogs, can progress rapidly; in dogs 5-7 y.o. progression is usually slow	Unknown	NO	1,2
D	Retinal dysplasia, - multifocal	Multifocal associated with liquefaction of the vitreous; sometimes retinal neovascularization and intraocular haemorrhage, retinal detachment can occur	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	Corneal dystrophy** -epithelial/stromal	ACVO genetics committee
B	Persistent pupillary membranes -all forms	ACVO genetics committee
C	Uveal cyst	ACVO genetics committee
D	Progressive Retinal Atrophy (PRA)	ACVO genetics committee
E	Retinal dysplasia -geographic	ACVO genetics committee
F	Distichiasis	ACVO genetics committee
G	Hypoplastic papilla/optic nerve	ACVO genetics committee

References

1. Rubin LF. Inherited eye diseases in purebred dogs. Williams &Wilkins 1989;175-177.
2. Chaudieu G. Chahory S. Affections oculaires héréditaires ou à prédisposition raciale chez le chien. 2nd ed. Ed. du Point Vétérinaire 2013;478-479.