



Ocular disorders known or presumed to be inherited (published)

	Diagnosis	Description and comments specific to the breed	Inheritance	Gene/ marker test	References
A	Microphthalmia associated with multiple anomalies		Unknown	NO	2,3
B	Ectropion with macroblepharon	Associated with “diamond” eyelids	Unknown	NO	1,2
C	Entropion	Upper eyelid usually involved	Unknown	NO	1,2
D	Eversion of the cartilage of the nictitating membrane		Unknown	NO	1,2
E	Prolapsed gland of the nictitating membrane		Unknown	NO	1,2
F	Persistent pupillary membranes	Corneal (endothelial) or anterior lens, familial tendency in some lines	Unknown	NO	1,2

G	Cataract	Subcapsular posterior polar triangular cataract bilateral; adult dogs , at least 2 y.o.	Unknown	NO	1,2
H	Progressive Retinal Atrophy (PRA)		Unknown	NO	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	Retinal dysplasia	ACVO genetics committee

References

1. Rubin LF. Inherited eye diseases in purebred dogs. Williams &Wilkins 1989;42-43.
2. Chaudieu G. Affection oculaires héréditaires ou à prédisposition raciale chez le chien. Ed. du Point Vétérinaire 2013;314-315.
3. Venter IJ et al. Multiple congenital eye anomalies in Bloodhound puppies. Vet Comp Ophthalmol 1996; 6:9-13.