



Ocular disorders known or presumed to be inherited (published)

	Diagnosis	Description and comments specific to the breed	Inheritance	Gene/ marker test	References
A	Microphthalmos	Associated with multiple ocular anomalies	Unknown	NO	1
B	Persistent pupillary membranes, - iris to iris - iris to lens	Seen with cataract	Unknown	NO	1
C	Glaucoma	Acute glaucoma in adult dogs, Narrow iridocorneal angle.	Unknown	NO	1
D	Cataract Cataract / uveal hypoplasia	1. Anterior/posterior cortical, dogs > 3 y.o. 2. Posterior subcapsular (suture lines) in 2 y.o. dogs, maybe associated with uveal hypoplasia	1. Unknown 2. Unknown (autosomal recessive suspected in the Gos d'Atura catala)	NO	1

E	Persistent hyperplastic tunica vasculosa lentis/Persistent hyperplastic primary vitreous (PHTVL/PHPV)	Grades 5-6 seen	Unknown	NO	1
F	Choroidal dysplasia/hypoplasia	Linked to CEA? Not proven	Unknown	NO	1
G	Progressive Retinal Atrophy (PRA)	Early changes of the fundus, complete blindness in 3 y.o. dogs	Autosomal recessive suspected	NO	1

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	Lens luxation	ACVO genetics committee
B	Entropion, lower lateral, spastic	ACVO genetics committee
C	Retinal Dysplasia, folds	ACVO genetics committee

References

1. Chaudieu G, Chahory S (2013) Affections oculaires héréditaires ou à prédisposition héréditaire chez le chien. Rueil-Malmaison : Ed. du Point Vétérinaire, Wolters Kluwer France, 121-24.