



Ocular disorders known or presumed to be inherited (published)

	Diagnosis	Description and comments specific to the breed	Inheritance	Gene/ marker test	References
A	Entropion	Inferior lateral, spastic	Unknown	NO	1
B	Eversion of the cartilage of the nictitating membrane	Close to the third eyelid margin	Unknown	NO	1
C	Kerato-conjunctivitis sicca		Unknown	NO	1
D	Cataract	<p>1. Posterior, subcapsular/ cortical ; dogs > 1 y.o.: progressive</p> <p>2. Posterior subcapsular/ Cortical dogs > 6 y.o.: slowly progressive</p> <p>3. Congenital Cataract: posterior, nucleo-cortical, mostly non progressive, associated with microcornea</p>	<p>1. Unknown</p> <p>2. Unknown</p> <p>3. Autosomal Recessive</p>	NO	1, 2

E	Persistent hyperplastic tunica vasculosa lentis/Persistent hyperplastic primary vitreous (PHTVL/PHPV)		Unknown	NO	1
F	Vitreous degeneration	Dogs > 8 y.o., bilateral asteroid hyalosis	Unknown	NO	1
G	Progressive Retinal Atrophy (PRA)	Blindness up to 4 y. o	Unknown	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	Corneal dystrophy, epithelial/stromal	ACVO Genetics Committee
B	Retinal dysplasia, focal/multifocal	ACVO Genetics Committee
C	Distichiasis	ACVO Genetics Committee
D	Persistent pupillary membranes – iris to iris, iris to cornea	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.
2. Rubin LF (1987) Inherited eye diseases in purebred dogs. Williams & Wilkins, Baltimore, 283.