



Ocular disorders known or presumed to be inherited (published)

	Diagnosis	Description and comments specific to the breed	Inheritance	Gene/ marker test	References
A	Eversion of the cartilage of the nictitating membrane	Scroll-like curling of the cartilage, uni- or bilateral, occurs in puppies	Unknown	NO	1
B	Chronic superficial keratitis (Pannus)		Unknown	NO	1,3-8
C	Corneal dystrophy -epithelial -stromal		Unknown	NO	1,2
D	Limbal melanoma		Unknown	NO	12
E	Cataract	1. congenital 2. cortical	1. Autosomal dominant 2. Autosomal recessive	NO	1, 9, 10
F	Progressive Retinal Atrophy (PRA)		Autosomal recessive	NO	1, 11
G	Hypoplastic papilla (Optic nerve hypoplasia)		Unknown	NO	1

H	Micropapilla		Unknown	NO	1
I	Cone degeneration-hemeralopia/achromatopsia		Autosomal recessive	CNGA3	13

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	Distichiasis	ACVO genetics committee
B	Plasmoma	ACVO genetics committee
C	Persistent pupillary membranes - iris to iris	ACVO genetics committee
D	Retinal dysplasia - folds	ACVO genetics committee

References

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