



Ocular disorders known or presumed to be inherited (published)

	Diagnosis	Description and comments specific to the breed	Inheritance	Gene/ marker test	References
A	Ligneous conjunctivitis		Unknown	NO	15
B	Microphthalmia with multiple ocular defects		Unknown	NO	1,3-5
C	Primary hyperplastic tunica vasculosa lentis/ Primary hyperplastic primary vitreous (PHTVL/PHPV)		Presumed dominant, incomplete penetrance	NO	2,6-13
D	Progressive Retinal Atrophy (PRA)	First clinical signs by 1 year; almost totally blind by 3 years	Unknown	NO	14

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	Persistent pupillary membranes	ACVO genetics committee
C	Cataract	ACVO genetics committee
D	Retinal dysplasia -folds	ACVO genetics committee

References

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14. Rubin LF: *Inherited Eye Diseases in Purebred Dogs*, Williams & Wilkins, 1989; 111- 116.
15. Ramsey DT, Ketring K, Glaze MB, et al. Ligneous conjunctivitis in four Doberman Pinschers. *J Am Anim Hosp Assoc*. 1996;32:439-447.