



Ocular disorders known or presumed to be inherited (published)

	Diagnosis	Description and comments specific to the breed	Inheritance	Gene/ marker test	References
A	Persistent pupillary membranes		Unknown	NO	1,3
B	Cataract	Posterior cortical . Age from 0 (congenital) to 5 y.o.	Unknown	NO	1,2,3
C	Retinal dysplasia		Unknown	NO	1,2,3
D	Progressive Retinal Atrophy (PRA)		Unknown	NO	1,2,3
E	Entropion		Unknown	NO	1,2,3
F	Corneal dystrophy		Unknown	NO	1,2,3
G	Chronic superficial keratitis		Unknown	NO	1,2,3
H	Distichiasis		Unknown	NO	3
I	Dermoid		Unknown	NO	3
J	Prolapsed gland of the nictitating membrane		Unknown	NO	3

K	Eversion of the cartilage of the nictitating membrane		Unknown	NO	3
L	Keratoconjunctivitis Sicca		Unknown	NO	3
M	Atresia of lacrimal punctum		Unknown	NO	3
N	Punctate keratitis		Unknown	NO	3
O	Uveal cysts		Unknown	NO	3
P	Iris coloboma		Unknown	NO	3
Q	Persistent hyperplastic tunica vasculosa lentis/ Persistent hyperplastic primary vitreous (PHTVL/ PHPV)		Unknown	NO	3
R	Optic nerve hypoplasia		Unknown	NO	3
S	Optic nerve coloboma		Unknown	NO	3

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
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References

1. Bandini M, Guandalini A, D'Anna N, Peruccio C. Ocular disorders presumed to be inherited in the Pastore Maremmano-Abruzzese. Stockholm, Sweden ECVO/ESVO meeting, August 23 -26 2001, pag.20.
2. Guandalini A. Inherited eye diseases in the Italian Breeds. ECVO Satellite Meeting, Trieste (Italy), 27/05/2012.
3. Guandalini A, Di Girolamo N, Santillo N, Andreani V, Corvi R, Bandini M, Peruccio C. Epidemiology of ocular disorders presumed to be inherited in three large Italian dog breeds in Italy. *Vet Ophthalmol* 20(5):420-426,2017.