



Ocular disorders known or presumed to be inherited (published)

	Diagnosis	Description and comments specific to the breed	Inheritance	Gene/ marker test	References
A	Lacrimal punctum atresia		Unknown	NO	5
B	Corneal sequestrae		Unknown	NO	1
C	Entropion	Medial canthal (associated with brachycephalic morphology)	Unknown	NO	2
D	Congenital cataract		Unknown	NO	3
E	Retinal degeneration (Persian-derived)	Possible Persian cat origins	Autosomal recessive	YES	4, 6

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

References

1. Featherstone HJ, Sansom J. Feline corneal sequestra: a review of 64 cases (80 eyes) from 1993 to 2000. *Vet Ophthalmol*;7(4): 213-27, 2004.

2. Chaudieu G, Bouhanna L. Ophtalmologie Feline: Atlas & Manuel. France: ME-D'COM ed; 2018.
3. Guyonnet A et al. Epidemiology and clinical presentation of feline cataracts in France: A retrospective study of 268 cases. *Vet Ophthalmol* 2018, DOI 10.1111/vop.12567
4. Alhaddad H et al. Genome-wide association and linkage analyses localize a progressive retinal atrophy locus in Persian cats. *Mamm Genome*; 25 (7-8): 354-62, 2014.
5. Katariina Vapalahti, Anna-Maija Virtala, Tara A. Joensuu, Katriina Tiira, Jaana Tähtinen, and Hannes Lohi, Health and Behavioral Survey of over 8000 Finnish Cats ; *Front Vet Sci.* 2016; 3: 70. Published online 2016 Aug 29.
6. Lyons LA, Creighton EK, Alhaddad H, Beale HC, Grahn RA, Rah H, Maggs DJ, Helps CR, Gandolfi B. Whole genome sequencing in cats, identifies new models for blindness in *AIPL1* and somite segmentation in *HES7*. *BMC Genomics.* 2016; 17: 265.