



**Ocular disorders known or presumed to be inherited (published)**

	Diagnosis	Description and comments specific to the breed	Inheritance	Gene/ marker test	References
A	Prolapsed gland of the nictitating membrane		Unknown	NO	1
B	Corneal sequestrae		Unknown	NO	1
C	Retinal dysplasia (multifocal)		Unknown	NO	2
D	Rod-Cone dysplasia	Early-onset blindness by 7 weeks of age (colony disease)	Autosomal dominant	YES	3
E	Retinal degeneration rdAc	Blindness usually occurs at 3-5 years of age	Autosomal recessive	YES	4-6
F	Cataract		Unknown	NO	7
G	Lacrimal punctum atresia		Unknown	NO	7

**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. Chaudieu G, Bouhanna L. Ophthalmologie Feline: Atlas & Manuel. France: ME-D'COM ed; 2018.
2. Narfström K. Hereditary and congenital ocular disease in the cat. *J Feline Med and Surg*; 25: 135-141, 1999.
3. Menotti-Raymond M et al. Mutation discovered in a feline model of human congenital retinal blinding disease. *Invest Ophthalmol Vis Sci*; 51(6):2852-9, 2010.
4. Narfström K et al. Retinal degeneration in the Abyssinian and Somali cat (rdAc): correlation between genotype and phenotype and rdAc allele frequency in two continents. *Vet Ophthalmology*; 12: 285-291, 2009.
5. Menotti-Raymond M et al. Widespread retinal degenerative disease mutation (rdAc) discovered among a large number of popular cat breeds. *Vet Journal*; 186: 32-38, 2010.
6. Djajadiningrat-Laanen SC et al. Progressive retinal atrophy in Abyssinian and Somali cats in the Netherlands (1981-2001). *Tijdschr Diergeneeskd.* 1;127(17):508-14, 2002.
7. 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.