Korat	 Ph. Bossé/ENVA©

Ocular disorders known or presumed to be inherited (published)

	Diagnosis	Description and comments specific to the breed	Inheritance	Gene/ marker test	References
A	Iris hypoplasia		Unknown	NO	1

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 diseases with ocular involvement

	Diagnosis	Source
A	Gangliosidosis type 1 (GM1)	2
B	Gangliosidosis type 2 (GM2)	3,4

References

1. Slenter IJM et al. Presumed iris hypoplasia in two related Korat kittens. Poster of the annual Meeting of the European College of Veterinary Ophthalmologists, Florence, Italy, 2018.

2. De Maria R, Divari S, Bo S, Sonnio S, Lotti D, Capucchio MT, Castagnaro M. Beta-galactosidase deficiency in a Korat cat: a new form of feline GM1-gangliosido-

sis. Acta Neuropathol. 1998; 96(3): 307-14.

3. Neuwelt EA, Johnson WG, Blank NK, Pagel MA, Maslen-McClure C, McClure MJ, Wu PM. Characterization of a new model of GM2-gangliosidosis (Sandhoff's disease) in Korat cats. J Clin Invest. 1985; 76 (2): 482-90.

4. Muldoon LL, Neuwelt EA, Pagel MA, Weiss DL. Characterization of the molecular defect in a feline model for type II GM2-gangliosidosis (Sandhoff disease). Am J Pathol. 1994; 144 (5): 1109-18. .