

Pekingese	
------------------	--

Ocular disorders known or presumed to be inherited (published)

	Diagnosis	Description and comments specific to the breed	Inheritance	Gene/ marker test	References
A	Microphthalmia	Associated with microcornea and cataract	Unknown	NO	1
B	Entropion/ Macroblepharon	Medial inferior entropion	Polygenic	NO	1
C	Distichiasis		Autosomal dominant with incomplete penetrance, suspected	NO	2
D	Ectopic cilia	Superior conjunctival	Unknown	NO	1
E	Trichiasis	Caruncula, nasal fold	Polygenic	NO	3
F	Exposure keratitis	Ulcerative keratitis	Polygenic	NO	1, 3
G	Lacrimal punctum atresia		Unknown	NO	1
H	Kerato-conjunctivitis sicca	> 5 y.o.	Unknown	NO	3

I	Cataract	Posterior cortical, 2-5 y.o dogs	Unknown	NO	1
J	Lens luxation	Rare	Unknown	NO	3, 5
K	Progressive Retinal Atrophy (PRA)	Older dogs (8 y.o. at least) affected	Unknown	NO	1, 4

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
--	------------------	---------------

References

1. Chaudieu G, Chahory S (2013) Affections oculaires héréditaires ou à prédisposition héréditaire chez le chien. Rueil-Malmaison : Ed. du Point Vétérinaire, Wolters Kluwer France, 457-60..
2. Barnett KC (1976) Comparative aspect of canine hereditary disease. Adv Vet Sci Comp Med, 20 : 39-68.
3. Rubin LF (1989) Inherited eye diseases in the purebred dogs. Williams & Wilkins, Baltimore, 55-70.
4. Kaswan RL Salisbury MA (1990) A new perspective on canine keratoconjunctivitis sicca Treatment with ophthalmic cyclosporine Vet Clin North Amer Small Anim Pract 20 : 583-613.
5. Genetics Committee of the American College of Veterinary Ophthalmologists (2014) Ocular diseases presumed to be inherited in purebred dogs.