



Ocular disorders

	Diagnosis	Description and comments specific to the breeds	Inheritance	Gene/ marker test	References
A	Microphthalmia with multiple ocular defects associated with partial albinism		Unknown	None	1
B	Eversion of the cartilage of nictitating membrane		Unknown	None	ECVO HED committee
C	Glaucoma		Unknown	None	2,3,4
D	Ciliary body cysts		Unknown	None	ECVO HED committee
E	Iris cysts		Unknown	None	ECVO HED committee
F	Cataract	Posterior subcapsular, 2 years of age	Unknown	None	5

The ECVO's advice relating to hereditary eye disease control

A	Microphthalmia with multiple ocular defects associated with partial albinism	NO BREEDING from the affected animal
B	Eversion of the cartilage of nictitating membrane	OPTIONAL
C	Glaucoma	NO BREEDING from the affected animal
D	Ciliary body cysts	OPTIONAL
E	Iris cysts	OPTIONAL
F	Cataract	NO BREEDING from the affected animal

Recommendations regarding age and frequency for eye examinations

As for all other breeds (see part 7)

References

- 1 Gwin RM et al: Multiple ocular defects associated with parial albinism and deafness in the dog. J Am Anim Hosp Assoc 17:401, 1981
- 2- Bennett KC, Mason IK: Primary glaucoma in the Great Dane. Proc Am Coll Vet Ophthalmol 24: 12, 1993
- 3- Spiess BM, Bolliger JO, Guscetti F, et al: Multiple ciliary body cysts and secondary glaucoma in the Great Dane: a report of nine cases. Vet Ophthalmol 1: 41-45, 1998
- 4- Wood JLN, Lakhani KH, Mason IK, et al: Relationship of the degree of goniodysgenesis and other ocular measurments to glaucoma in Great Danes. Am J Vet Res 62: 1493-149, 2001
- 5- Rubin LF: Inherited Eye Diseases in Purebred Dogs, 1989: 161-164