Kuvasz	

Ocular disorders known or presumed to be inherited (published)

	Diagnosis	Description and comments specific to the breed	Inheritance	Gene/ marker test	References
A	Cataract		Unknown	NO	1
B	Progressive Retinal Atrophy (PRA)	Generalized	Autosomal recessive	prcd	2,3,4

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
A	Entropion	ACVO genetics committee
B	Persistent pupillary membranes	ACVO genetics committee
C	Corneal dystrophy -epithelial/stromal -endothelial	ACVO genetics committee
D	Vitreous degeneration	ACVO genetics committee

E	Distichiasis	ACVO genetics committee

References

1. Rubin LF. Inherited eye diseases in purebred dogs. Williams & Wilkins 1989; 181-182.

2. Acland GM, Ray K, Mellersh CS, Gu W, Langston AA, Rine J, Ostrander EA, Aguirre GD. Linkage analysis and comparative mapping of canine progressive rod-cone degeneration (prcd) establishes potential locus homology with retinitis pigmentosa (RP17) in humans. Proceeding of the Natlional Academy of Sciences of the United States of America (1998): 95, 3048–3053.

3. Acland GM, Ray K, Mellersh CS, Landston AA, Rine J, Ostrander EA, Aguirre GD. A novel retinal degeneration locus identified by linkage and comparative mapping of canine early retinal degeneration. Genomics (1999) 59, 134–142.

4. Zangerl B, Goldstein O, Philp AR, Lindauer SJ, Pearce-Kelling SE, Mullins RF, Graphodatsky AS, Ripoll D, Felix JS, Stone EM, Acland GM, Aguirre GD. Identical mutation in a novel retinal gene causes progressive rod-cone degeneration in dogs and retinitis pigmentosa in humans. Genomics (2006) 88(5):551-63.