

<b>Siberian Husky</b>	
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**Ocular disorders known or presumed to be inherited (published)**

	<b>Diagnosis</b>	<b>Description and comments specific to the breed</b>	<b>Inheritance</b>	<b>Gene/ marker test</b>	<b>References</b>
<b>A</b>	Microphthalmia	Associated with multiple ocular anomalies	Unknown	NO	1
<b>B</b>	Entropion	Lateral canthus or lower lateral	Unknown	NO	1, 2
<b>C</b>	Distichiasis		Unknown	NO	3
<b>D</b>	Uveo-dermatologic syndrome	1,5-5 y.o. dogs	Unknown	NO	1, 4-6
<b>E</b>	Chronic superficial keratitis	1-2 y.o. dogs, bilateral often symmetrical (pannus).	Unknown	NO	1
<b>F</b>	Corneal dystrophy - stromal	4m. - 8 y.o. dogs usually appears around 4 y.o. of age ; microcrystalline.	Recessive autosomal with variable expressivity	NO	7, 8
<b>G</b>	Persistent pupillary membranes	Predominantly - iris to iris	Unknown	NO	1

<b>H</b>	Glaucoma	Pectinate Ligament Anomaly (PLA) Associated with abnormal trabecular meshwork with Descemet's membrane growing into the irido-corneal angle	Unknown	NO	3, 9, 10
<b>I</b>	Cataract	6 m.o. - 1 y.o. dogs, posteriorcortical, progressive to blindness	Polygenic ? Recessive autosomal with variable expressivity and incomplete penetrance?	NO	1
<b>J</b>	Lens luxation	Dogs > 3 y.o, rare	Unknown	NO	1
<b>K</b>	Persistent hyperplastic tunica vasculosa lentis/ Persistent hyperplastic primary vitreous (PHTVL/PHPV)	Grades 2 to 4 described, rare	Unknown	NO	11
<b>L</b>	Progressive Retinal Atrophy (PRA) XLPRA1	Night blindness between 2 and 4 y. of age	X linked PRA (RPGR punctual mutation)	RPGR gene	12,13
<b>M</b>	Retinal dysplasia,	Multifocal and geographic	Suspected recessive autosomal	NO	1

<b>N</b>	Cone degeneration – (achromatopsia)		Unknown	CNGB3	15
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### **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)**

	<b>Diagnosis</b>	<b>Source</b>
<b>A</b>	Palpebral tumours	14
<b>B</b>	Uveitis (without palpebral lesions)	3

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