



**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>	Microphthalmos	Multiple ocular anomalies associated, rather unilateral	Unknown	NO	1
<b>B</b>	Entropion	Inferior lateral, may be associated with microphthalmos	Autosomal dominant with suspected incomplete penetrance?	NO	1
<b>C</b>	Distichiasis		Autosomal dominant with incomplete penetrance?	NO	1
<b>D</b>	Corneal dystrophy Epithelial/stromal/ endothelial	Central subepithelial/ stromal, 2 -4 y.o. dogs  Endothelial in older dogs (> 8 y.o.)	Unknown	NO	1, 2, 3
<b>E</b>	Persistent pupillary membranes (PPM), all forms		Unknown	NO	1, 4

<b>F</b>	Uveodermatologic Syndrome	A case reported	Breed predisposition	NO	5
<b>G</b>	Glaucoma	Possible acute glaucoma in 6-8 y.o. dogs; pectinate ligament anomaly (PLA)	Unknown	NO	1, 4
<b>H</b>	Cataract	Posterior cortical (dogs > 3 y.o.), possible progression between 5-6 years.	Unknown	NO	6
<b>I</b>	Lens luxation	Bilateral, 2-7 y.o. dogs	Unknown	ADAMTS17 gene	7
<b>J</b>	Vitreous degeneration	Asteroid hyalosis. Dogs > 8 y.o.	Unknown	NO	1
<b>K</b>	Progressive Retinal Atrophy (PRA)	Night blindness around 2 y.o., complete blindness around 5 y.o.	Autosomal recessive suspected	NO	1, 4
<b>L</b>	Pigment epithelial dystrophy (RPED)	3 - 5 y.o. dogs	Unknown	NO	8

### **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
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## References

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5. Slinck J, Fontaine J (1999) Un cas de syndrome uvéo-dermatologique ressemblant au syndrome de Vogt-Koyanagi-Harada chez un Fox terrier. Point Vet 30 : 63-67.
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7. Gould D et al (2011) ADAMTS17 mutation associated with primary lens luxation is widespread among breeds. Vet Ophthalmol. 14(6):378-84.
8. Chaudieu G (1997) A propos de deux cas apparentés de dystrophie de l'épithélium pigmentaire rétinien (DEPR) chez le Fox terrier à poil dur : étude clinique originale, revue de la littérature. Revue Méd Vét 148 : 537-546.