



Ocular disorders known or presumed to be inherited (published)

	Diagnosis	Description and comments specific to the breed	Inheritance	Gene/ marker test	References
A	Lacrimal punctum atresia	Canaliculi can also be affected	Unknown	NO	1
B	Pectinate ligament anomaly	Some cases of glaucoma reported	Unknown	NO	1,2
C	Cataract	4-6 y.o. dogs affected	Unknown	NO	1
D	Lens luxation		Autosomal recessive	ADAMTS17	1, 3, 4
E	Progressive Retinal Atrophy (PRA)		Suspected autosomal recessive	NO	1
F	Retinal dysplasia, - (multi)focal, - geographical, - total		Suspected autosomal recessive	NO	5

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	Distichiasis	ACVO Genetics Committee
B	Persistent pupillary membranes, - iris to iris	ACVO Genetics Committee

References

1. Rubin LF (1989) Inherited eye diseases in purebred dogs. Williams & Wilkins, Baltimore, 257-260.
2. Ketring K (1979) Glaucoma and lens luxation in the Sealyham Terrier. Terrier Type 18 : 18-22.
3. Curtis R (1990) Lens luxation in the dog and cat. Vet Clin North Amer Small Anim Pract 20 : 755-772.
4. Gould D et al (2011) ADAMTS17 mutation associated with primary lens luxation is widespread among breeds. Vet Ophthalmol. 14(6):378-84.
5. Ashton N et al (1968) Retinal dysplasia in the Sealyham Terrier. J Path Bacteriol 96 : 269-272.