

Staffordshire Bull Terrier	
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Ocular disorders known or presumed to be inherited (published)

	Diagnosis	Description and comments specific to the breed	Inheritance	Gene/ marker test	References
A	Cataract	Between 8 w. and 1 y. of age, nuclear, progressing to cortical, blindness at 3 y.o	Autosomal recessive	HSF4-1	1-4
B	Persistent hyperplastic tunica vasculosa lentis/ Persistent primary hyperplastic vitreous (PHTVL/PHPV)	Grades 1-6, retinal dysplasia possibly associated	Autosomal dominant with incomplete penetrance	NO	5, 6
C	Progressive Retinal Atrophy (PRA)		Suspected autosomal recessive	NO	1

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, Finnish Kennel Club database
B	Persistent Pupillary membranes - iris to iris	ACVO Genetics Committee
C	Vitreous degeneration/syneresis	ACVO Genetics Committee
D	Retinal Dysplasia (multifocal/geographic)	Finnish Kennel Club database
E	Persistent hyaloid artery	ACVO Genetics Committee

References

1. Rubin LF (1989) Inherited eye diseases in purebred dogs. Williams & Wilkins, Baltimore, 281-282.
2. Barnett KC (1985) The diagnosis and differential diagnosis of cataracts in dogs. J Small Anim Pract 26 : 305-316.
3. Barnett KC et al (2002) Lens. In : Canine ophthalmology. An atlas and text. Saunders, London, 109-125.
4. Mellersh CS et al (2006) Identification of mutations in HSF4 in dogs of three different breeds with hereditary cataracts. Vet Ophthalmol. 9(5): 369-78.
5. Curtis R et al (1984) Persistent hyperplastic primary vitreous in the Staffordshire Bull Terrier . Vet Rec 115 : 385.