



Ocular disorders

	Diagnosis	Description and comments specific to the breeds	Inheritance	Gene/marker test	References
A	Lens luxation (primary) (PLL)	Zonular dysplasia	Autosomal recessive	YES	1-5
B	Cataract		Unknown	None	5

The ECVO’s advice relating to hereditary eye disease control

A	Lens luxation (primary) (PLL)	NO BREEDING from the affected animal, its parents or offspring
B	Cataract	NO BREEDING from the affected animal

Recommendations regarding age and frequency for eye examinations

As for all other breeds (see part 7)

References

- 1- Farias F. H. G. et al.: An ADAMTS17 slice donor site mutation in dogs with primary lens luxation. Invest Ophthalmol Vis Sci 51:4716, 2010
- 2- Lawson DD: Luxation of the crystalline lens in the dog. J Small Anim Pract 10: 461, 469
- 3- Curtis R. et al: Clinical and pathological observations concerning the aetiology of primary lens luxation in the dog. Vet Rec 112: 238, 1983
- 4- Morris R. A. and Dubielzig, R. R.: Light-microscopy evaluation of zonular fiber morphology in dogs with glaucoma: secondary to lens displacement. Vet Ophthal 8: 81, 2005
- 5- Oberbauer AM, Hollingsworth SR, Belanger JM, Regan KR, Famula TR. Inheritance of cataracts and primary lens luxation in Jack Russell Terriers. Am J Vet Res. 2008 Feb;69(2):222-7.