

Suggested reading list for candidates for the Nordic eye examination

This reading list is a suggestion, intended as a guide for the candidates to prepare for the exam and is not all-embracing. It is recommended to address the latest issues of the literature mentioned on the list below

General:

Anatomy, embryology and histology, physiology, immunology, pharmacology, neuro-ophthalmology, pathology and vision in Gelatt, Veterinary Ophthalmology (Wiley-Blackwell).

Clinical ophthalmology – suggested sources:

- Gelatt Veterinary Ophthalmology (Wiley-Blackwell) latest edition
- Slatter's Fundamentals of Veterinary Ophthalmology (Maggs, Miller & Ofri)
Saunders/Elsevier
- Ophthalmology for the veterinary practitioner (Stades F, Wyman, Boevé, Neumann, Spiess),
Schlütersche Hannover
- Small animal ophthalmology, a problem oriented approach (Peiffer R. & Peterson – Jones S.),
Saunders/Elsevier
- Canine ophthalmology: an atlas and text (Barnett KC, Heinrich C & Samson J) WB
Saunders
- Manual of small animal ophthalmology Manual of Canine and Feline Ophthalmology (Peterson – Jones S. et al.), Gould & McLellan) BSAVA Publications, Wiley
Cheltenham
- Feline ophthalmology, an atlas and text (Barnett KC & Crispin SM), WB Saunders

Genetics

ECVO Manual on presumed inherited diseases

ACVO Genetics Committee :Committee: Ocular disorders proven or suspected to be hereditary in dogs ,

Relevant webpages for DNA testing of ocular diseases such as;

Animal Health Trust (<http://www.aht.org.uk>)

Laboklin (www.laboklin.com)

Optigen ([http:// www.optigen.com](http://www.optigen.com))

Journals

Veterinary Ophthalmology (last 7 years till 1st of Jan the year the exam is sat including e-publications)

Relevant articles in (last 7 years til 1st of Jan the year the exam is sat)

Relevant articles (including e-publications) related to inherited eye diseases in dogs and cats during the last 7 years in for example;

Journal of Small Animal Practice

Veterinary Record

Recommended articles

Barnett KC, Curtis R. Lens luxation and progressive retinal atrophy in the Tibetan Terrier. Vet Rec 1978; 103: 160.

Barnett KC, Curtis R. Autosomal dominant progressive retinal atrophy in Abyssinian cats. J Hered 1985; 76: 168-70.

Bedford PGC. A gonioscopic study of the iridocorneal angle in the English and American breeds of cocker spaniel and the basset hound. Journal of Small Animal Practice 1977; 18: 631-642.

Bjerkås E, Bergsjø T. Hereditary cataract in the rottweiler dog. Progr Vet Comp Ophthalmol 1991; 1: 7-10.

Bjerkås E, Haaland M. Pulverulent nuclear cataract in th Norwegian buhund. J Small Anim Pract 1995; 36: 471-74.

Bjerkås E, Ekesten B, Farstad W. Pectinate ligament dysplasia and narrowing of the iridocorneal angle associated with glaucoma in the English springer spaniel. Vet Ophthalmol 2002; 5: 49-54.

Boevé MH, Stades FC, van der Linde-Sipman, Vrensen GFJM. Persistent hyperplastic tunica vasculosa lentis and primary vitreous (PHTVL/PHPV) in the dog: A comparative review. Progr Vet Comp Ophthalmol 1992; 2: 163-72.

Cottrell BD, Barnett KC. Primary glaucoma in the Welsh springer spaniel. J Small Anim Pract 1988; 29: 185-99.

Curtis R. Aetiopathological aspects of inherited lens dislocation in the Tibetan Terrier. J Comp Path 1983; 93: 151-163.

Curtis R, Barnett KC. Primary lens luxation in the miniature bull terrier. Vet Rec 1983; 112: 328-329.

Curtis R. Late-onset cataract in the Boston terrier. Vet Rec 1984; 115: 577-78. Curtis R, Barnett KC. Progressive retinal atrophy in miniature longhaired dachshund dogs. Br Vet J 1993; 149: 71-85.

Dekomien G, Runte M, Gödde R, Epplen JT. Generalized progressive retinal atrophy of Sloughi dogs is due to an 8-bp insertion in exon 21 of the PDE6B gene. *Cytogenet Cell Genet* 2000; 90: 261-267.

Djajadiningrat-Laanen SC, Boevé MH, Stades FC, van Oost BA. Familial non-rcd 1 generalised retinal degeneration in Irish setters *J Sm Anim Pract* 2003; 44:113-116.

Ekesten B, Narfström K. Age-related changes in intraocular pressure and iridocorneal angle in samoyeds. *Prog Vet Comp Ophthalmol* 1991; 2: 37-40.

Ekesten B, Bjerkås E, Kongsengen K, Narfström K. Primary glaucoma in the Norwegian elkhound. *Vet Comp Ophthalmol* 1997; 7: 14-18.

Foster SJ, Curtis R, Barnett KC. Primary lens luxation in the Border Collie. *J Small Anim Pract* 1986; 27: 1-6

Holle DM, Stankovics ME, Sarna CS, Aguirre GD. The geographic form of retinal dysplasia is not always a congenital abnormality. *Vet Ophth* 1999; 2: 61-66.

Lazarus JA, Pickett JP, Champagne ES. Primary lens luxation in the chinese Shar Pei: Clinical and hereditary characteristics. *Vet Ophthalmol* 1998; 1: 101-107.

Leon A, Curtis R, Barnett KC. Hereditary persistent hyperplastic primary vitreous in the Staffordshire bull terrier. *J Am Anim Hosp Assoc* 1986; 22: 765-74.

Leppanen M, Mårtenson J, Mäki K. Results of ophthalmologic screening examinations of German Pinschers in Finland – a retrospective study. *Vet Ophth* 2001; 4: 165-169.

Long, SE; Crispin, SM. Inheritance of multifocal retinal dysplasia in the golden retriever in the UK. *Vet Rec* 1999; 145: 702-204

Crispin S, Long SE, Wheeler CA. Incidence and ocular manifestations of multifocal retinal dysplasia in the golden retriever in the UK. *Vet Rec* 1999; 145:669-672.

MacMillan, AD; Lipton, DE. Heritability of multifocal retinal dysplasia in American cocker spaniels. *J Am Vet Med Assoc* 1978; 172: 568-572.

Martin CL, Wyman M. Glaucoma in the basset hound. *Journal of the American Veterinary Medical Association* 1968; 153: 1320-1327.

Martin, C.L., and Chambreau, T.: Cataract production in experimentally orphaned puppies fed a commercial replacement for bitch's milk. *J. Am. Anim. Hosp. Assoc.*, 18:115, 1982.

McLellan GJ, Elks R, Lybaert P, Watte C, Moore DL, Bedford PG. (2002) Vitamin E deficiency in dogs with retinal pigment epithelial dystrophy. *Vet Rec* 151(22):663-7

Narfstrom, K.: Progressive retinal atrophy in the Abyssinian cat: Clinical characteristics. *Invest. Ophthalmol. Vis. Sci.*, 26:193, 1985.

Narfström K, Dubielzig R. Posterior lenticonus, cataracts and microphthalmia; congenital ocular defects in the cavalier king charles spaniel. *J Small Anim Pract* 1984; 25: 669-77.

Narfström K. Cataract in the West Highland white terrier. *J Small Anim Pract* 1981; 22: 467-71.

Narfström K, Wrigstad A, Ekesten B, Nilsson SEG. Hereditary retinal dystrophy in the briard dog: Clinical and hereditary characteristics. *Prog Vet Comp Ophthalmol* 1994; 4: 85-92.

Narfstrom K, Ekesten B, Rosolen SG, Spiess BM, Percicot CL, Ofri R; Committee for a Harmonized ERG Protocol, European College of Veterinary Ophthalmology. Guidelines for clinical electroretinography in the dog. *Doc Ophthalmol*. 2002; 105: 83-92.

Parshall CJ, Wyman M, Nitroy S et al. Photoreceptor dysplasia: An inherited progressive retinal dystrophy of miniature schnauzer dogs. *Prog Vet Comp Ophthalmol* 1991; 1: 187-203.

Petersen-Jones et al: Ocular melanosis in the Cairn Terrier: histopathological description of the condition, and immunohistological and ultrastructural characterization of the characteristic pigment-laden cells. *Vet Ophthalmol* 2008; 11: 260-8.

Read RA, Wood JLN, Lakhani KH. Pectinate ligament dysplasia (PLD) and glaucoma in flat coated retrievers. I. Objectives, technique and results of a PLD study. *Veterinary Ophthalmology* 1998; 1: 85-90.

Schmidt, GM; Ellersieck, MR; et al. Inheritance of retinal dysplasia in the English springer spaniel. *J Am Vet Med Assoc* 1979; 174: 1089-1090.

Sargan DR, Withers D, Pettit L, Squire M, Gould DJ, Mellersh CS. Mapping the mutation causing lens luxation in several terrier breeds. *J Hered* 2007. [oi:10.1093/jhered/esm029](https://doi.org/10.1093/jhered/esm029)

Stades FC. Persistent Hyperplastic Tunica Vasculosa Lentis and Persistent Hyperplastic Primary Vitreous (PHTVL/PHPV) in 90 closely related Dobermann Pinschers, Clinical aspects. *J Amer Anim Hosp Assoc* 1980; 16: 739.

Turney C, Chong NHV, et al. Pathological and electrophysiological features of a canine cone-rod dystrophy in the miniature longhaired dachshund. *Invest Ophthalmol Vis Sci* 2007;48:4240-4249.

van der Linde-Sipman JS. Dysplasia of the pectinate ligament and primary glaucoma in the Bouvier des Flandres dog. *Vet Pathol* 1987; 24: 201-6.

Wood JLN, Lakhani KH, Read RA. Pectinate ligament dysplasia (PLD) and glaucoma in flat coated retrievers. II Assessment of prevalence and heritability. *Veterinary Ophthalmology* 1998; 1: 91-99.

Wrigstad A, Nilsson SEG, Dubielzig R, Narfström K. Neuronal ceroid lipofuscinosis in the Polish owczarek nizinni (PON) dog. A retinal study. *Doc Ophthalmol* 1995; 91: 33-47.

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