

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

Anatomy, embryology and histology, physiology, immunology, pharmacology, neuro-ophthalmology, pathology and vision

- Gelatt & al.: *Veterinary Ophthalmology*, 6th ed., Wiley-Blackwell, 2021.
- Maggs & al.: *Slatter's Fundamentals of Veterinary Ophthalmology*, 6th ed., Saunders/Elsevier, 2016

Clinical ophthalmology

- Gelatt & al.: *Veterinary Ophthalmology*, 6th ed., Wiley-Blackwell, 2021.
- Maggs & al.: *Slatter's Fundamentals of Veterinary Ophthalmology*, 6th ed., Saunders/Elsevier, 2016.
- Gelatt & Plummer: *Color atlas of veterinary ophthalmology*, 2nd ed., John Wiley & Sons, 2017.
- Ketring & Glaze: *Atlas of feline ophthalmology*, 1st ed. John Wiley & Sons, 2012.

Genetics

- ECVO Manual on presumed inherited diseases (Available on <https://www.ecvo.org> (go to Hereditary Eye Diseases).)
- ACVO Genetics Committee: Ocular disorders proven or suspected to be hereditary in dogs. (Blue Book available on: <https://www.ofa.org/diseases/eye-certification>).
- Gelatt & al.: *Veterinary Ophthalmology*, 6th ed., Wiley-Blackwell, 2021.

Journals

- *Veterinary Ophthalmology* (last 7 years till 1st of Jan the year the exam is sat, including e-publications).
- Other relevant articles (including e-publications) related to inherited eye diseases in dogs and cats during the last 7 years. Please, see the reference lists under breeds listed in the ECVO Manual.

Other recommended articles

- Bellamy, K.K.L., F. Lingaas, and P. Madsen, *Heritability of distichiasis in Havanese dogs in Norway*. *Canine Med Genet*, 2021. **8**(1): p. 11.
- Dubin, A.J., et al., *Evaluation of potential risk factors for development of primary angle-closure glaucoma in Bouviers des Flandres*. *J Am Vet Med Assoc*, 2017. **250**(1): p. 60-67.
- Ekesten, B., et al., *Abnormal appearance of the area centralis in Labrador retrievers with an ABCA4 loss-of-function mutation*. *Transl Vis Sci Technol*, 2022. **11**(2): p. 36.
- Everson, R., et al., *An intronic LINE-1 insertion in MERTK is strongly associated with retinopathy in Swedish Vallhund dogs*. *PLoS One*, 2017. **12**(8): p. e0183021.
- Graham, K.L., C. McCowan, and A. White, *Genetic and Biochemical Biomarkers in Canine Glaucoma*. *Vet Pathol*, 2017. **54**(2): p. 194-203.
- Joyce, H., et al., *Identification of a variant in NDP associated with X-linked retinal dysplasia in the English cocker spaniel dog*. *PLoS One*, 2021. **16**(5): p. e0251071.
- Kaukonen, M., et al., *Maternal Inheritance of a Recessive RBP4 Defect in Canine Congenital Eye Disease*. *Cell Rep*, 2018. **23**(9): p. 2643-2652.
- Mäkeläinen, S., et al., *An ABCA4 loss-of-function mutation causes a canine form of Stargardt disease*. *PLoS Genet*, 2019. **15**(3): p. e1007873.
- Mäkeläinen, S., et al., *Deletion in the Bardet-Biedl Syndrome Gene TTC8 Results in a Syndromic Retinal Degeneration in Dogs*. *Genes (Basel)*, 2020. **11**(9).
- Oh, A., et al., *Phenotypic characterization of complete CSNB in the inbred research beagle: how common is CSNB in research and companion dogs?* *Doc Ophthalmol*, 2018. **137**(2): p. 87-101.
- Oliver, J.A., A.B. Ekiri, and C.S. Mellersh, *Pectinate ligament dysplasia in the Border Collie, Hungarian Vizsla and Golden Retriever*. *Vet Rec*, 2017. **180**(11): p. 279.
- Stavinohova, R., et al., *Clinical, histopathological and genetic characterisation of oculoskeletal dysplasia in the Northern Inuit Dog*. *PLoS One*, 2019. **14**(8): p. e0220761.
- Winkler, P.A., L.M. Occelli, and S.M. Petersen-Jones, *Large Animal Models of Inherited Retinal Degenerations: A Review*. *Cells*, 2020. **9**(4).