

ECVO RESIDENTS – READING LIST 2019

The list will help plan your study for the ECVO certifying examination. The questions will be derived from this list. We remind you that adequate knowledge in the special training disciplines (ophthalmology-related anaesthesiology, diagnostic imaging, clinical pathology) and associated basic sciences is required.

Books

- Barnett KC, Heinrich C & Samson J. Canine Ophthalmology: an Atlas and Text, 2002, Saunders
- Dubielzig RR, Ketring K, McLellan GJ, Albert DM. Veterinary Ocular Pathology 2010, Elsevier Ltd
- Dziezyc J, Millichamp N. Colour Atlas of Canine and Feline Ophthalmology, 1st ed., 2004, Saunders
- Esson DW. Clinical Atlas of Canine and Feline Ophthalmic Disease, 1st ed., 2015, Wiley-Blackwell
- Gelatt KN. Colour Atlas of Veterinary Ophthalmology, 2001, Blackwell Publishing
- Gelatt KN. Veterinary Ophthalmology, 2 Vols, 5th edition, 2013, Wiley-Blackwell
- Gelatt KN, Gelatt JP. Veterinary Ophthalmic Surgery, 2011, Saunders Elsevier
- Gould DJ, McLellan GJ. BSAVA Manual of Small Animal Ophthalmology 2014, BSAVA Publications
- Gilger BC. Equine Ophthalmology, 2nd edition, 2010, Saunders Elsevier
- Ketring KL, Glaze MB. Atlas of Feline Ophthalmology, 2nd edition, 2012, Wiley-Blackwell
- Levin LA, Nilsson SF et al. Adler's Physiology of the Eye, 11th edition, 2011, Saunders Elsevier
- Macsai MS. Ophthalmic Microsurgical Techniques, 2007, Springer
- Maggs D, Miller P, Ofri R. Slatter's Fundamentals of Veterinary Ophthalmology, 6th ed., 2017, Saunders Elsevier
- Martin CL. Ophthalmic Disease in Veterinary Medicine, revised edition, 2010, Manson Publishing
- Mitchell N, Oliver J. Feline Ophthalmology, The Manual, 2015, Servet
- Seibel BS. Phacodynamics, 4th edition, 2005, SLACK inc

Out of the following, candidates should familiarize themselves with the data, but not memorize all specific diseases:

ACVO Genetics Committee: Ocular disorders presumed to be inherited in purebred dogs", 8th edition, 2015

Out of the following books, candidates should familiarize themselves with those sections applicable to veterinary ophthalmology. These should include: ocular pathology and physiology; ocular histopathology; systemic diseases relevant to the eyes and adnexa; neuro-ophthalmology; exotic animal ophthalmology; relevant diagnostic imaging principles and techniques; relevant surgical principles and techniques; relevant molecular biological principles and techniques:

- Byrne SF, Green RL. Ultrasound of the Eye and Orbit, 2nd ed, 2010, Jaypee
- Eisner G. Eye Surgery, An Introduction to Operative Technique, 2nd edition, 1990 (chapter 2 Tissue Tactics) (online access www.eisner-georg.ch/Medizinisch-en.html)
- Ettinger SJ & Feldman EC. Textbook of Veterinary Internal Medicine Diseases of the Dog and Cat, vol.1, 7th ed, 2010, Saunders (chapters related to systemic diseases accompanying ophthalmic diseases)
- Evans H, de Lahunta. Miller's anatomy of the dog, 4th ed, 2012, Saunders
- Greene CE. Infectious Disease of the Dog and Cat, 4th ed, 2011, Elsevier
- Withrow SJ, MacEwen EG. Small animal clinical oncology, 5th ed, 2012, Saunders

Reviews

- **Feline ocular toxoplasmosis.** Davidson M, English R. Veterinary Ophthalmology 1998, **1**, 71-80

- **Comparative retinal ganglion cell and optic nerve morphology.** Brooks D, Komáromy A, Källberg M. *Veterinary Ophthalmology* 1999, **2**, 3-11
- **Viscoelastic materials in veterinary ophthalmology.** Wilkie DA, Willis AM. *Veterinary Ophthalmology* 1999, **2**, 147-153
- **Clinical ocular toxoplasmosis in neonatal kittens.** Powell C, Lappin M, *Veterinary Ophthalmology* 2001, **4**, 87-92
- **Systemic hypertensive disease and the feline fundus.** Crispin S, Mould J, *Veterinary Ophthalmology* 2001, **4**, 131-140
- **Guidelines for clinical electroretinography in the dog.** Narfstrom K et al. *Documenta Ophthalmologica* 2002, **104**, 83-92
- **Technical issues in electrodiagnostic recording.** Komáromy A, Brooks D, Dawson W, Källberg M, Ollivier F, Ofri R, *Veterinary Ophthalmology* 2002, **5**, 85-91
- **Comparative morphology of the tapetum lucidum among selected species.** Ollivier F, Samuelson D, Brooks D, Lewis P, Kallberg M, Komáromy A. *Veterinary Ophthalmology* 2004, **7**, 11-22
- [An overview of recent developments in corneal immunobiology: potential relevance in the etiology of corneal disease in the horse.](#) Matthews A, *veterinary Ophthalmology* 2008, **11** Suppl 1, 66-76
- **Ganglion cell death in glaucoma: from mice to men.** Nickells RW, *Veterinary Ophthalmology* 2007, **10** Suppl 1, 88-94
- **Photodynamic therapy: basic principles and potential uses for the veterinary ophthalmologist.** Giuliano EA, Ota J, Tucker SA, *Veterinary Ophthalmology* 2007, **10**, 337-43
- **Proteinases of the cornea and preclear tear film.** Ollivier FJ, Gilger BC, Barrie KP, Kallberg ME, Plummer CE, O'Reilly S, Gelatt KN, Brooks DE *Vet Ophthalmology* 2007, **10**, 199-206
- **Chlamydia felis infection. ABCD guidelines on prevention and management.** Gruffydd-Jones T, Addie D, Belák S et al. *J Feline Med Surg* 2009, **11**, 605-609
- **Feline infectious peritonitis. ABCD guidelines on prevention and management.** Addie D, Belák S, Boucraut-Baralon C et al. *J Feline Med Surg.* **2009**, **11**, 594-604
- **Feline herpesvirus-1: ocular manifestations, diagnosis and treatment options.** Gould D. *J Feline Med Surg.* 2011, **13**, 333-346
- **ABCD: Update of the 2009 guidelines on prevention and management of feline infectious diseases.** Horzinek MC, Addie D, Belák S et al. *J Feline Med Surg* 2013, **15**, 530-539
- **Something old, something new: Update of the 2009 and 2013 ABCD guidelines on prevention and management of feline infectious diseases.** Möstl K, Addie DD, Boucraut-Baralon C et al. *J Feline Med Surg* 2015, **17**, 570-582

Veterinary Clinics of North America (NB contents might not be reviewed and scientifically approved)

- **Infectious disease and the eye** (Stiles J), *The Veterinary Clinics of North America: Small Animal Practice* 2000, 30(5)
- **Surgical Management of Ocular Disease** (Nasisse, MP) *The Veterinary Clinics of North America (Small Animal Practice)* 1997, 27 (5)
- **Exotic Animal Ophthalmology** (Millichamp NJ) *The Veterinary Clinics of North America (Exotic Animal Practice)* 2002, 5 (2), 223-240

- **Updates in Ophthalmology** (Cutler TJ) The Veterinary Clinics of North America: (Equine Practice) 2004, 20, (2), 285-506
- **Ocular Therapeutics** (Moore C) The Veterinary Clinics of North America (Small Animal Practice) 2004, 34 (3) 611-847
- **Ophthalmic Emergencies in Horses** (Schaer BD) , The Veterinary Clinics of North America: (Equine Practice) 2007, 23 (1), 49-65
- **Ophthalmic Immunology and Immune-Mediated Disease** (Williams DL) The Veterinary Clinics of North America (Small Animal Practice) 2008, 38 (2)
- **Standing Ophthalmic Surgeries in Horses** (de Linde Henriksen M et al.). The Veterinary Clinics of North America (Equine Practice) 2014, 30, pp 92-105
- **Infectious Bovine Keratoconjunctivitis (Pink Eye)** (Angelos JA). The Veterinary Clinics of North America (Food Animal Practice) 2015, Jan 6 (EPub)
- **Glaucoma**, The Veterinary Clinics of North America (Small Animal Practice) 2015, 45 (6), pp 1101-1378
- **Equine Ophthalmology**, The Veterinary Clinics of North America (Equine Practice) 2017, 33, pp 439-646

Journals

Veterinary Journals

Review of the following veterinary journals should be limited to those articles relevant to veterinary ophthalmology. The review should cover the preceding 7 years (from January 1st of the year of the written examination, including e-publications for Veterinary Ophthalmology journal):

- American Journal of Veterinary Research
- BMC Veterinary Research
- Equine Veterinary Journal
- Journal of the American Animal Hospital Association
- Journal of the American Veterinary Medicine Association
- Journal of Feline Medicine and Surgery
- Journal of Small Animal Practice
- Journal of Veterinary Emergency and Critical Care
- Journal of Veterinary Internal Medicine
- The Veterinary Journal
- Veterinary Anaesthesia and Analgesia
- Veterinary and Comparative Oncology
- Veterinary Immunology / Immunopathology
- Veterinary Ophthalmology
- Veterinary Pathology
- Veterinary Radiology and Ultrasound
- Veterinary Record

Non veterinary journals

Review of the following non-veterinary journals should be limited to those articles relevant to veterinary ophthalmology, eg animal models of disease applicable to veterinary ophthalmology. The review should cover the preceding 7 years (from January 1st of the year of the written examination):

- Current Eye Research
- Experimental Eye Research
- Investigative Ophthalmology and Visual Science
- PloS One (e-based journal: www.plosone.org)

Additional Sources of Information (NB contents might not be reviewed and scientifically approved)

- Medline database is version of Index Medicus on internet/ online/ CD-Rom, available as Pubmed
- CAB abstracts database is the version of Index Vet, Vet Bull online/on internet/ on CD-ROM
- <http://www.ecvo.org>: European College of Veterinary Ophthalmologists
- <http://www.acvo.com>: American College of Veterinary Ophthalmologists
- <http://www.arvo.org>: Association for Research in Vision and Ophthalmology
- <http://www.ever.be>: European Association for Vision & Eye Research
- <http://www.optigen.com>: Optigen
- <http://www.aht.org>: Animal Health Trust
- <http://www.iser.org>: International Society of Eye Research
- <http://www.ncbi.nlm.nih.gov/sites/entrez?db=omim>: Online Mendelian Inheritance in Man - a comprehensive list of human genes and inherited diseases, but with excellent animal model sections too (eg type in RPE65 and follow the links)
- <http://www.sph.uth.tmc.edu/Retnet>: RetNet - similar to OMIM
- <http://www.equineophtho.com>: International Equine Ophthalmology Consortium
- <http://www.vetmed.wisc.edu/pbs/dubielzig/pages/coplow/main.html>: Comparative Ocular Pathology Laboratory of Wisconsin