

RESOURCE MATERIAL FOR ABVO RESIDENTS

Revised: August 9, 2023

ABVO EXAMINATION RESOURCES – REQUIRED

Textbooks

Dubielzig RR et al. *Veterinary Ocular Pathology: A Comparative Review*. Elsevier, 2010
Eisner G. *Eye Surgery, An Introduction to Operative Technique (2nd Edition)*. Springer-Verlag, 1990
Gelatt KN. *Veterinary Ophthalmology (6th Edition)*. Wiley Blackwell, 2021
Gelatt KN, Gelatt JP, and Plummer C. *Veterinary Ophthalmic Surgery*. Saunders, 2022
Gilger BC. *Equine Ophthalmology (4th Edition)*. Wiley, 2022
Gilger BC, Cook CS and Brown MH. *Standards for Ocular Toxicology and Inflammation*. Springer, 2018
Hermanson JH, deLahunta A and Evans HE. *Miller and Evan's Anatomy of the Dog (5th Edition)*. Elsevier, 2019
Kaufman PL et al. *Adler's Physiology of the Eye (11th Edition)*. Elsevier, 2011
Maggs DJ, Miller P, and Ofri, R. *Slatter's Fundamentals of Veterinary Ophthalmology (6th Edition)*. Elsevier, 2017.
Montiani-Ferreira F, Moore BA, Ben-Shlomo G. *Wild and Exotic Animal Ophthalmology (2 Vol)*. Springer, 2022
Maxie MG. *Jubb, Kennedy and Palmer's Pathology of Domestic Animals (6th Edition)*. Elsevier, 2015
Macasai MS. *Ophthalmic Microsurgical Suturing Techniques*. Springer, 2007
Seibel BS. *Phacodynamics: Mastering the Tools and Techniques of Phacoemulsification Surgery (4th Edition)*. Slack Inc., 2004

Atlases

Gelatt KN and Plummer C. *Color Atlas of Veterinary Ophthalmology. (2nd Edition)*. Wiley Blackwell, 2017
Ketring KL and Glaze MB. *Atlas of Feline Ophthalmology (2nd Edition)*. Wiley Blackwell, 2012
Dziezyc J and Millichamp NJ. *Color Atlas of Canine and Feline Ophthalmology*. Saunders, 2004
Lim CC. *Small Animal Ophthalmic Atlas and Guide*. Wiley-Blackwell, 2015

Journals

American Journal of Veterinary Research
Canadian Veterinary Journal
Journal of Feline Medicine and Surgery
Equine Veterinary Journal
Journal of Small Animal Practice
Journal of the American Animal Hospital Association
Journal of the American Veterinary Medical Association
Veterinary Ophthalmology

ABVO residents are responsible for knowing the published literature from the above journals for the seven years prior to the year of their examination i.e., for the 2024 Certifying Examination, material is taken from manuscripts **with a publication date from January 2017 through December 2023**.

THE PUBLICATION DATE FOR THE PURPOSES OF THE 2024 ABVO EXAM, IS DEFINED AS THE FIRST DATE THAT THE MANUSCRIPT IS ASSIGNED A JOURNAL ISSUE.

Questions may also be taken from pertinent articles that appear in the journals below:

Archives of Ophthalmology
American Journal of Ophthalmology
BMC Veterinary Research
Current Eye Research
Equine Veterinary Education
Experimental Eye Research
Graefe's Archives for Clinical and Experimental Ophthalmology
Investigative Ophthalmology and Visual Science
Journal of Ocular Pharmacology and Therapeutics
Journal of Veterinary Internal Medicine
Journal of Zoological and Wildlife Medicine
PLOS ONE
Translational Visual Science and Technology (TVST)
Veterinary Immunology and Immunopathology
Veterinary Pathology
Veterinary Record
Veterinary Surgery

ADDITIONAL RESOURCES FOR RESIDENTS – NOT REQUIRED

Textbooks

Berliner ML. *Biomicroscopy of the Eye. Slit Lamp Microscopy of the Living Eye. Vol 1 and 2.* Hoeber, Inc., 1943
Duke-Elder S. *System of Ophthalmology, Vol 1: The Eye in Evolution.* Mosby, 1958
Havener W. *Ocular Pharmacology.* Mosby, 1974
Prince JH. *Comparative Anatomy of the Eye.* CC Thomas, 1956
Troutman RC. *Microsurgery of the anterior segment of the eye. Volume 1: Introduction and Basic Techniques.* Mosby, 1974
Lavach JD. *Large Animal Ophthalmology.* Mosby, 1990
Rubin LF. *Atlas of Veterinary Ophthalmoscopy.* Lea and Febiger, 1974

Articles

Acland GM, and Aguirre GD. Retinal degenerations in the dog: IV. Early retinal degeneration (erd) in Norwegian Elkhounds. *Exp Eye Res*, 44:491, 1987
Aguirre GD, and Acland GM. Variations in retinal degeneration phenotype inherited at the prcd locus. *Exp Eye Res*. 46:663, 1988
Aguirre G, Alligood J, O'Brien P and Buyukmihci N. Pathogenesis of Progressive Rod-Cone Degeneration in Miniature Poodles. *Inv Ophth Vis Sci*. 23: 610, 1982
Aguirre GD, and Laties A. Pigment epithelial dystrophy in the dog. *Exp Eye Res*, 23:247, 1976
Aguirre GD, Rubin LF, Bistner SI. Development of the canine eye. *Am J Vet Res*, 33(12):2399-2414, 1972
Aguirre GD, et al. Rod-cone dysplasia in Irish Setters: A defect in cyclic GMP metabolism in visual cells. *Science*, 201:1133, 1978
Aguirre GD. Electroretinography in veterinary ophthalmology. *J Am Anim Hosp Assoc*, 9:234, 1973
Albert DM, et al. Retinal neoplasia and dysplasia. I. Induction by feline leukemia virus. *Invest Ophthalmol Vis Sci*, 16:325, 1977
Albert DM, et al. Canine herpes-induced retinal dysplasia and associated ocular anomalies. *Invest Ophthalmol Vis Sci*, 15:267, 1976
Anderson. Morphologic recovery in the reattached retina. *Invest Ophthalmol Vis Sci*, 27(2):168-183, 1986
Bahn CF, Glassman RM, MacCallum DK, Lillie JH, Meyer RF, Robinson BJ, Rich NM. Postnatal development

of corneal endothelium. *Invest Ophthalmol Vis Sci*, Jan;27(1):44-51, 1986

Bedford PGC. A gonioscopic study of the iridocorneal angle in the English and American breeds of cocker spaniel and the basset hound. *J Small Anim Pract.*, 18:631-642, 1977

Bellhorn RW, and Bellhorn MS. The avian pecten. I. Fluorescein permeability. *Ophthalmol Res.*, 7:1, 1975

Bellhorn RW, Aguirre GD, and Bellhorn MB. Feline central retinal degeneration. *Invest Ophthalmol Vis Sci.*, 13:608, 1974.

Bellhorn RW. A survey of ocular findings in 16-to-24-week-old beagles. *J Am Vet Med Assoc*, 162:139, 1973

Bellhorn RW. Fluorescein fundus photography in veterinary ophthalmology. *J Am Anim Hosp Assoc.*, 9:227, 1973

Bergsma DR, and Brown KS. White fur, blue eyes and deafness in the domestic cat. *J Hered.*, 62:171, 1971

Berson EL, et al. Retinal degeneration in cats fed casein. II. Supplementation with methionine, cysteine, or taurine. *Invest Ophthalmol Vis Sci.*, 15:52, 1976

Bill A. Formation and drainage of aqueous humor in cats. *Exp Eye Res.*, 5:185, 1966

Bistner SI, Rubin LF, and Saunders LZ. The ocular lesions of bovine viral diarrhea-mucosal disease. *Vet. Pathology*, 7:272, 1970

Blair NP, Dodge JT, and Schmidt GM. Rhegmatogenous retinal detachment in Labrador Retrievers. I. Development of retinal tears and detachment. *Arch Ophthalmol.*, 103:842, 1985

Blair NP, Dodge JT, and Schmidt GM. Rhegmatogenous retinal detachment in Labrador Retrievers. II. Proliferative vitreoretinopathy. *Arch Ophthalmol.*, 103:848, 1985

Bok. Retinal photoreceptor-pigment epithelium interactions. *Invest Ophthalmol Vis Sci.*, 26(11):1659-1694, 1985

Buyukmihci NC, Aguirre G, and Marshall J. Retinal degenerations in the dog. II. Development of the retina in rod-cone dysplasia. *Exp Eye Res.*, 30:575, 1980

Buyukmihci NC. Photic retinopathy in the dog. *Exp. Eye. Res.*, 33:95, 1981

Carmichael LE. The pathogenesis of ocular lesions of infectious canine hepatitis I. Pathology and virological observations. *Pathol Vet*, 1:73, 1964

Carmichael LE. The pathogenesis of ocular lesions of infectious canine hepatitis II. Experimental ocular hypersensitivity produced by the virus. *Pathol Vet.*, 2:344, 1965

Chase J. The evolution of retinal vascularization in mammals. *Ophthalmology*, 89:1518-1525, 1982

Crispin SM, Barnett KC. Dystrophy, degeneration, and infiltration of the canine cornea. *J Small Anim Pract.*, 24:63-83, 1983

Curtis R and Barnett KC. Primary lens luxation in the dog. *J Small Anim Pract.*, 21:657-668, 1980

Davidson MG et al. Phacoemulsification and Intraocular Lens Implantation: a Study of Surgical Results in 182 Dogs. *Vet Comp Ophthalmol.*, 1(4):233-238, 1991

de Schaepdrijver L, Simoens P, Lauwers H. Morphologic study of the retinal microvasculature in the dog. *Vet Comp Ophthalmology*, 6(2):100-109, 1996

Donovan A. The postnatal development of the cat retina. *Exp Eye Res.*, 5:249, 1966

Gelatt KN et al. Animal models for inherited cataracts: A review. *Curr Eye Res.*, 3(5):765-778, 1984

Gelatt KN, Henderson SF, and Steffen GR. Fluorescein angiography of the normal and diseased ocular fundi of the laboratory dog. *J Am Vet Med Assoc.*, 169:980, 1976

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Martin CL. Slit lamp examination of the normal canine anterior ocular segment. Part II: Description. *J Small Anim Pract.*, 10:151, 1969

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