

Suggested Resource Material 2017 AiCVO Exam

Revised December 20, 2016

All Written examination questions for candidates of the Asian college of veterinary ophthalmologist (AiCVO) are supported by a reference within the **past seven years** or from a textbook or journal article on this list of “**Required**” references.

1. List of Required Textbooks

- (1) Gelatt KN., et al. *Veterinary Ophthalmology* (5th edition). Wiley-Blackwell 2013.
- (2) Gilger BC. *Equine Ophthalmology* 2nd edition. Elsevier Saunders, Philadelphia, 2011.
- (3) Dubielzig R, et al. *Veterinary Ocular Pathology: A Comparative Review*. Elsevier, 2010.
- (4) Evans HE., and de Lahunta A. *Miller's Anatomy of the Dog, Ocular and Orbital Sections*. WB Saunders Co, (4th edition; Chapters on eye, orbit, and cranial nerves).
- (5) Jubb and Kennedy, *Pathology of Domestic Animals*, (Most recent edition) (eye chapter only). (review general ocular pathology, the histology and basic mechanisms of pathologic lesions for each section of the eye, and pathologic features of diseases directly applicable to veterinary medicine).
- (6) Eisner G., Schneider P., and Telger TC. *Eye Surgery, An Introduction to Operative Technique*. Springer-Verlag, (Most recent edition). --- This text describes instrumentation, fundamentals of microsurgery and surgical procedures including a method for extracapsular lens extraction that may be useful for the surgical portions of the Practical Examination.
- (7) Seibel BS. *Phacodynamics: Mastering the Tools and Techniques of Phacoemulsification Surgery*. Slack Inc. (Most recent edition)
- (8) Levin LA.. et al. *Adler's Physiology of the Eye*. CV Mosby Co, (11th edition).

2. List of Textbooks Recommended for Image Recognition exam preparation

The following texts may be useful in preparing for the Image Recognition portion of the examination. No questions will be derived from these texts for the Written portion of the examination.

- (1) Barnett KC. *Color Atlas of Veterinary Ophthalmology*, Williams and Wilkins, (Most recent edition).

(2) Barnett KC. Color Atlas and Text of Equine Ophthalmology, CV Mosby/Wolf, (Most recent edition).

(3) Ketring KL., and Glaze MB. Atlas of Feline Ophthalmology. Veterinary Learning Systems, (Most recent edition).

(4) Dziezyc J., and Nicholas JM. Color Atlas of Canine and Feline Ophthalmology. W.B. Saunders (Most recent edition).

(5) Lim CC. Small Animal Ophthalmic Atlas and Guide. Wiley-Blackwell. (Most recent edition).

3. List of Required Journals

Past seven years of journal articles *in print* prior to January 1 of the year of the examination. Date of e-publication is irrelevant. Example: The hard copy publication dates covered on the exam range from January 1, 2010 to December 31, 2016. (Note: Beginning with journal publication dates of January 1, 2011 and later, no questions on the Written examination will be derived from case reports that involve single animals. Review of images in these case reports is recommended for Image Recognition exam preparation.)

3.1 Essential Veterinary Journals

The large majority of questions for the written examination will be derived from these journals.

- (1) Veterinary Ophthalmology
- (2) American Journal of Veterinary Research*
- (3) Equine Veterinary Journal*
- (4) Journal of Small Animal Practice*
- (5) Journal of the American Animal Hospital Association*
- (6) Journal of the American Veterinary Medical Association*
- (7) Veterinary Clinics of North America*
- (8) Veterinary Pathology*
- (9) Veterinary Record*
- (10) Veterinary Surgery*
- (11) Journal of Veterinary Internal Medicine*
- (12) Veterinary Immunology and Immunopathology*

(Note*: Articles from these veterinary journals should be reviewed for any situation or disease that involves ocular, periocular, or neuro-ophthalmic structures or systemic

conditions relevant to ophthalmic disease.)

3.2 Human Journals

Questions derived from pertinent articles* from these journals may occur infrequently on the Written examination):

- (1) Current Eye Research
- (2) Experimental Eye Research
- (3) Graefe's Archives for Clinical and Experimental Ophthalmology
- (4) Investigative Ophthalmology and Visual Science
- (5) Journal of Ocular Pharmacology and Therapeutics

(*Note: Review of basic science, human clinical and other veterinary specialty journals should be limited to those articles dealing with situations or diseases directly applicable to veterinary ophthalmology (eg. where a common domestic animal is used as an animal model). Review of human clinical conditions or basic science articles unrelated to veterinary ophthalmology is not necessary for exam preparation.)

3.3 Classical papers

- (1) Veterinary Clinics of North America (All issues and sections specifically relating to ophthalmology from the year 2000 to present. Individual issues/sections specified elsewhere in this reading list are also recommended.)
- (2) Veterinary Clinics of North America 27:5. Surgery Management of Ocular Disease. September, 1997.