I. Required textbooks
   A. Anatomy, Histology, Embryology
      • Evans and Christensen. Miller's Anatomy of the Dog, Ocular and Orbital Sections. WB Saunders Co, (Most recent edition; Chapters on eye, orbit, and cranial nerves).
   B. Physiology
   C. Pharmacology
   D. Pathology
      • 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).
      • Gelatt (ed.). Veterinary Ophthalmology (5th edition), Wiley-Blackwell 2013. (Chapter 8 by Grahn and Peiffer)
   E. Neuro-Ophthalmology
      • Miller's Anatomy of the Dog. WB Saunders, (Most recent edition) (Cranial nerve section).
   F. Surgery
      • Eisner. 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.
      • Seibel BS: Phacodynamics: Mastering the Tools and Techniques of Phacoemulsification Surgery. Slack Inc. (Most recent edition).
   G. Clinical Ophthalmology
      • 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.)

II. **Recommended textbooks:** 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.


III. **Required journals**

Publications considered as target material for the examination will include those published in the seven years prior to the year during which the exam is given. For the 2020 exam, therefore, manuscripts published in the years 2013-2019 constitute the target material.

**Publication date is defined as the date at which a publication is assigned to an issue.** For journals which provide both electronic and printed versions of the publication, publications will have two dates, the first when it comes out as “ePub ahead of print” and the second when it is assigned to a specific issue of the journal and then printed. For exam purposes, the publication date that will be used to define the seven-year window will be the date when a publication is assigned to an issue. This is different than the DOI date, which is assigned when a publication is released as “ePub ahead of print”.

No questions on the Written examination will be derived from case reports that involve single animals, however images in these case reports may appear in the Image Recognition examination.

**A. Essential:** the large majority of questions for the Written examination will be derived from these journals. 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.

American Journal of Veterinary Research  
Canadian Veterinary Journal  
Journal of Feline Medicine and Surgery  
Equine Veterinary Journal  
Journal of Small Animal Practice
B. Supplemental: questions derived from pertinent articles from these journals may occur infrequently on the Written examination.

Archives of Ophthalmology
American Journal of Ophthalmology
Current Eye Research
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
Veterinary Immunology and Immunopathology
Veterinary Pathology
Veterinary Record
Veterinary Surgery

IV. Recommended, Non-required reading

The following texts and journal articles are considered recommended reading for veterinary ophthalmologists and ophthalmology residents. However, specific exam questions will not originate from these articles or books, most of which are out of print, but still available in many veterinary school libraries.

A. Textbooks

• Prince. Comparative Anatomy of the Eye. CC Thomas, 1956 (recommend review of the rabbit, pig, ruminant sections, other species are covered in more contemporary texts- see below).

B. Supplemental (“classic”) journal articles: The following articles are recommended reading, however specific exam questions will not originate from these articles.


Parry HB, Tansley K, Thomson LC. The electroretinogram of the dog. *J Physiol* 1953;120:28-40


