


<b>ECVCP Board Examination Reading List 2024</b>		European College of Veterinary Clinical Pathology 
Document #: 1.6.1	Version: 1	
Pages: 6	File short name: ECVCP Reading List 2024	

## ECVCP READING LIST 2024

### 1.6.1.

The list below is recommended by the ECVCP Examination Committee as literature on which the 2024 ECVCP Board Examination questions are based. This list is applicable to both the new Two Phase Examination and the 'Old Style' Examination. These recommendations constitute a non-exhaustive list of what a veterinary clinical pathologist should know. Candidates are expected to complete their study by consulting additional appropriate references.

At least 90% of questions will be taken from the Core Reading Material. *Veterinary Clinical Pathology* will be the only journal from which original research articles will be used to generate exam questions. It is expected that a candidate who is thoroughly familiar with the Core Reading Material will pass the exam. A majority of questions will pertain to domestic animals (emphasis on small animals) and non-species-specific information, with fewer questions on laboratory animal and non-domestic species.

### JOURNALS

**The cutoff date for journals is now 31st Dec of the year preceding the year of the Examination.** This refers to the print (on paper) publication date and applies for both Phase 1 and Phase 2 Examinations.

#### **CORE:**


*Veterinary Clinical Pathology*. Last four years: 1 Jan 2020 – 31 Dec 2023, print publication.  
*Estimated 2400 pages*

#### **SUPPLEMENTAL:**

Review articles from the last five years (1 Jan 2019 – 31 Dec 2023) of VCP and mainstream veterinary journals such as, but not limited to:

*Veterinary Pathology*  
*Journal of Veterinary Internal Medicine*  
*The Veterinary Journal*  
*Journal of the American Veterinary Medical Association*  
*Journal of Feline Medicine and Surgery*  
*Veterinary and Comparative Oncology*

Clinical pathology articles in last 5 years (1<sup>st</sup> Jan 2019- 31<sup>st</sup> Dec 2023) of *Veterinary Clinics of North America* (small animal practice, equine practice, and exotic animal practice).

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## **TEXTBOOKS AND PAPERS SPECIFIC TO EXAMINATION SECTIONS**


**4288 pages (+ supplemental 424 pages)**

### **GENERAL CLINICAL PATHOLOGY**

**CORE: 635 pages**

**ASVCP quality assurance recommendation guidelines published in Veterinary Clinical Pathology. 156 pages.**


- Arnold JE, Camus MS, Freeman KP, et al. ASVCP Guidelines: Principles of Quality Assurance and Standards for Veterinary Clinical Pathology (version 3.0): Developed by the American Society for Veterinary Clinical Pathology's (ASVCP) Quality Assurance and Laboratory Standards (QALS) Committee. Veterinary Clinical Pathology. **76 pages**
  - 2019;48(4):542-618. <https://doi.org/10.1111/vcp.12810>
- ASVCP quality assurance guidelines: control of preanalytical, analytical, and postanalytical factors for urinalysis, cytology, and clinical chemistry in veterinary laboratories. **9 pages**
  - 2012. Vol 41(1):18-26. <https://doi.org/10.1111/j.1939-165X.2012.00412.x>
- ASVCP quality assurance guidelines: control of preanalytical and analytical factors for hematology for mammalian and nonmammalian species, hemostasis, and crossmatching in veterinary laboratories. **10 pages**
  - 2012. Vol 41(1):8-17. <https://doi.org/10.1111/j.1939-165X.2012.00413.x>
- ASVCP reference interval guidelines: determination of de novo reference intervals in veterinary species and other related topics. **13 pages**
  - 2012. Vol 41(4):441-453. <https://doi.org/10.1111/vcp.12006>
- ASVCP guidelines: quality assurance for point-of-care testing in veterinary medicine. **19 pages**
  - 2013. Vol 42(4):405-423. <https://doi.org/10.1111/vcp.12099>
- ASVCP guidelines: allowable total error guidelines for biochemistry. **13 pages**
  - 2013. Vol 42(4):424-436. <https://doi.org/10.1111/vcp.12101>
- ASVCP quality assurance guidelines: external quality assessment and comparative testing for reference and in-clinic laboratories. **16 pages**
  - 2015. Vol 44(4):477-492. <https://doi.org/10.1111/vcp.12299>

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Pages: 6	File short name: ECVCP Reading List 2024	

Bellamy JEC, Olexson DW (2000). Quality Assurance Handbook for Veterinary Laboratories, 1st ed. Wiley-Blackwell. *101 pages*

Zachary JF (2021). Pathologic Basis of Veterinary Diseases, 7th ed. Elsevier Mosby. *378 pages*

- Chapter 1: Mechanisms and Morphology of Cellular Injury, Adaptation, and Death
- Chapter 2: Vascular Disorders and Thrombosis
- Chapter 3: Inflammation and Healing
- Chapter 4: Mechanisms of Microbial Infections
- Chapter 5: Diseases of Immunity
- Chapter 6: Neoplasia and Tumor Biology

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## CLINICAL BIOCHEMISTRY

### CORE: 1314 pages

Evans GO (2009). Animal Clinical Chemistry: a practical handbook for toxicologists and biomedical researchers, 2nd ed. CC Press. **306 pages**

Kaneko JJ, Harvey JW, Bruss ML (2008). Clinical Biochemistry of Domestic Animals, 6th ed. Academic Press. **32 pages**

- Chapter 12: Diagnostic enzymology of domestic animals (pp 351-378)
- Chapter 21: Clinical reproductive endocrinology, paragraph II- Assay methods (pp 639-644)

Stockham SL, Scott MA (2008). Fundamentals of Veterinary Clinical Pathology, 2nd ed. Wiley Blackwell. **868 pages**

**SHARED: Haematology**

Thrall MA, Weiser G, Allison RW, Campbell TW (2022). Veterinary Hematology, Clinical Chemistry, and Cytology, 3rd ed. Wiley Blackwell. **40 pages**

- Chapter 35 Clinical Chemistry of Mammals: Laboratory Animals and Miscellaneous Species (pp 589-600)
- Chapter 36 Clinical Chemistry of Birds (pp 601-616)
- Chapter 37 Clinical Chemistry of Reptiles (pp 617-624)
- Chapter 38 Clinical Chemistry of Fish and Amphibians (pp 625-632)


Walton RM, Cowell RL, Valenciano AC (2020). Equine Hematology, Cytology and Clinical Chemistry, 2nd ed. Wiley Blackwell. **68 pages**

- Chapter 5: The liver (pp 63-71)
- Chapter 6: The kidney (pp 75-83)
- Chapter 7: Acid-base and electrolyte evaluation (pp 85-92)
- Chapter 8: Proteins (pp 95-100)
- Chapter 9: Laboratory assessment of lipid and glucose metabolism (pp 103-116)
- Chapter 10: Laboratory markers of muscle injury (pp 119-134)
- Chapter 11: Endocrine evaluation (pp 143-155)

### SUPPLEMENTAL: 424 pages

Sharkey LC, Radin J (2010). Manual of Veterinary Clinical Chemistry: A Case Study Approach. Teton Newmedia. **424 pages**

*This text is suggested as a guide on how to approach and write up case studies.*

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## CYTOLOGY

### CORE: 1338 pages


Campbell TW, Grant KR (2022). Exotic Animal Hematology and Cytology, 5th ed. Wiley-Blackwell. **316 pages**

- Section 1: Mammals (pp 83-184)
- Section 2: Avians (pp 279-374)
- Section 3: Herptile (pp 466-528)
- Section 4: Fish (pp 593-647)
- Appendices (pp 648-652) **SHARED: Haematology**

Raskin RE, Meyer DJ, Boes KM (2022). Canine and Feline Cytology, 4th ed. Elsevier Saunders. **744 pages**

Sharkey LC, Radin MJ, Seelig DM (2020). Veterinary Cytology, 1st ed. Wiley-Blackwell, **278 pages**

- Chapter 21: Ocular cytology of the horse (pp 222-241)
- Chapter 26: Respiratory cytology of the horse (pp 302-317)
- Chapter 27: Lymph node (pp 319-341)
- Chapter 49: Cerebrospinal fluid analysis in horses and large animals (pp 655-665)
- Chapter 53: Abdominal and thoracic fluid analysis in horses (pp 713-726)
- Chapter 55: Synovial fluid of the horse (pp 736-744)
- Chapter 56-65: Species-specific chapters (pp 745-936)

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## HAEMATOLOGY

### CORE: 1948 pages

Brooks MB, Harr KE, Seelig DM, Wardrop KJ, Weiss DJ (2022). Schalm's Veterinary Hematology, 7th ed. Wiley-Blackwell. *1352 pages*

Campbell TW, Grant KR (2022). Exotic Animal Hematology and Cytology, 5th ed. Wiley-Blackwell. *246 pages*

- Section 1: Mammals (pp 3-67)
- Section 2: Avians (pp 187-260)
- Section 3: Herptile (pp 377-441)
- Section 4: Fish (pp 531-576)
- Appendices (pp 648-685) *partially shared with Cytology*

Harvey JW (2011). Veterinary Hematology: A Diagnostic Guide and Color Atlas, 1st ed. Elsevier Saunders. *350 pages*

Stockham SL, Scott MA (2008). Fundamentals of Veterinary Clinical Pathology, 2nd ed. Wiley Blackwell. *868 pages*  
***SHARED: Biochemistry***