

**Small Animal  
Additional Journal Article List 2026**

This list contains articles 3-10 years old from core journals and articles within the last 12 years from non-core journals. *Consensus guidelines, Special Issue articles, and State-of-the-Art reviews are considered expected reading and testable material regardless of year published.* It is designed to bridge a perceived gap in the recommended reading between recent journal articles, non-core journals, and textbooks. The Exam Committee considers the articles on this list significant to the practice of veterinary emergency and critical care medicine. These articles are testable material for the ACVECC board examination and may be used as a sole reference for an examination question.

This list will be reviewed and updated annually by the ACVECC Examination Committee.

**ACID-BASE, FLUIDS, & ELECTROLYTES**

1. Adamik K-N, Stoffel MH, Tangermann S, de Breuyn Dietler B and Stokar-Regenscheit N (2022) Assessment of Hydroxyethyl Starch (6% HES 130/0.4) Kidney Storage in Critically Ill Dogs: A Post-mortem Prospective Study. *Front. Vet. Sci.* 8:802507.
2. Jarrett KA, Dugat DR, Hanzlicek AS, et al. In vitro effect of hydroxyethyl starch on coagulation in dogs as assessed by dynamic viscoelastic coagulometry. 2022. *Am J Vet Res.* 83(6): e1-e6.
3. Mazzaferro EM, Edwards T. Update on Albumin Therapy in Critical Illness. *Vet Clin North Am Small Anim Pract.* 2020;50(6):1289-1305.
4. Muir WW, Hughes D and Silverstein DC (2021) Editorial: Fluid Therapy in Animals: Physiologic Principles and Contemporary Fluid Resuscitation Considerations. *Front. Vet. Sci.* 8:744080.

**ANESTHESIA/ANALGESIA**

5. Grubb T, Sager J, Gaynor JS, et al. 2020 AAHA Anesthesia and monitoring guidelines for dogs and cats. *J Am Anim Hosp Assoc.* 56(2):59-82.

**CARDIOVASCULAR**

6. ACVIM consensus guidelines for the diagnosis and treatment of myxomatous mitral valve disease in dogs.
7. ACVIM consensus statement: Guidelines for the identification, evaluation, and management of systemic hypertension in dogs and cats.
8. Chotalia M, Ali M, Hebballi R, et al. Hyperdynamic left ventricular ejection fraction in icu patients with sepsis. 2022. *Crit Care Med.* 50(5):770-779.
9. Prada G, Pustavoitau A, Keonig S. Focused cardiac ultrasonography for right ventricular size and systolic function. 2022. *N Engl J Med.* 387(21):E52.

**COAGULATION/TRANSFUSION MEDICINE**

10. Chee W, Sharp CR, Boyd CJ, et al. Stability of ex vivo coagulation factor activity in never-frozen and thawed refrigerated canine plasma stored for 42 days. *J Vet Emerg Crit Care.* 2021;32(2):189-95.
11. deLeforcade AM, Bacek L, Blais MC, et al. 2022 Update of the concensus on the rational use of antithrombotics and thrombolytics in veterinary critical care (CURATIVE) domain 1: defining populations at risk. *J Vet Emerg Crit Care.* 2022. 32(3):289-314.

12. Endo A, Senda A, Otomo Y. Clinical benefits of early concurrent use of cryoprecipitate and plasma compared with plasma only in bleeding trauma patients. 2022. *Crit Care Med.* 50(10):1477-1485.
13. Sharp CR, Blais MC, Boyd CJ, et al. 2022 Update of the consensus on the rational use of antithrombotics and thrombolytics in veterinary critical care (CURATIVE) domain 6L: defining rational use of thrombolytics. *J Vet Emerg Crit Care.* 2022. 32(4):446-470.
14. York W, Smith MR and Liu C-C (2022) Use of Citrated Whole Blood for Point-of-Care Viscoelastic Coagulation Testing in Dogs. *Front. Vet. Sci.*

#### ENDOCRINE

15. Moya MV, Refsal KR, Langlois DK. Investigation of the urine cortisol to creatinine ratio for the diagnosis of hypoadrenocorticism in dogs. 2022. *J Am Vet Med Assoc.* 260(9):1041-1047.
16. Mitropoulou A, Häuser M-K, Lehmann H and Hazuchova K (2022) Comparison of Hydrocortisone Continuous Rate Infusion and Prednisolone or Dexamethasone Administration for Treatment of Acute Hypoadrenocortical (Addisonian) Crisis in Dogs. *Front. Vet. Sci.* 8:818515.
17. Turner K, Boyd C, Rossi G, Sharp CR, Claus MA, Francis A and Smart L (2022) Allergy, inflammation, hepatopathy and coagulation biomarkers in dogs with suspected anaphylaxis due to insect envenomation. *Front. Vet. Sci.* 9:875339.
18. Zeugswetter FK, Luckschander-Zeller N, Karlovits S, et al. Glargine versus regular insulin protocol in feline diabetic ketoacidosis. *J Vet Emerg Crit Care.* 2021. 31(4):459-468.

#### ENVIRONMENTAL/TOXIC

19. Brodeur A, Wright A, Cortes Y. Hypothermia and targeted temperature management in cats and dogs. *J Vet Emerg Crit Care (San Antonio).* 2017 Mar;27(2):151-163. doi: 10.1111/vec.12572. Epub 2017 Jan 25. PMID: 28122159.
20. Bruchim Y, Horwitz M, Aroch I. Pathophysiology of heatstroke in dogs – revisited. *Temperature* 2017;4(4):356-370.
21. Butty EM, Suter SE, Chilafoux NV, et al. Outcomes of nonsteroidal anti-inflammatory drug toxicosis treated with therapeutic plasma exchange in 62 dogs.. *J Vet Intern Med.* 36(5):1641-1647.
22. Henriksson A, Hamersky J, Kuo K, Gerken K, Moon R. Estimation of percent body surface area in cats with use of computed tomography. *J Vet Emerg Crit Care.* 2022; 32: 743–747.
23. Henriksson A, Kuo K, Gerken K, et al. Body mapping chart for estimation of percentage of body surface area in mesocephalic dogs. *J Vet Emerg Crit Care.* 2022; 32: 350–355.
24. Londoño L. Extracorporeal Therapies in the Emergency Room and Intensive Care Unit. *Vet Clin North Am Small Anim Pract.* 2025;55(3):525-537.

#### GASTROINTESTINAL/EXOCRINE PANCREAS

25. Forman MA, Steiner JM, Armstrong PJ, et al. ACVIM consensus statement on pancreatitis in cats. *J Vet Intern Med.* 2021. 35(2):703-723.

#### HEPATOBIILIARY

None

#### IMMUNOLOGY/HEMOLYMPHATIC

26. Krishnaswamy G. Critical Care Management of the Patient With Anaphylaxis: A Concise Definitive Review. *Crit Care Med*. 2021. 1;49(5):838-857.
27. LeVine DA, Kidd L, Garden OA, et al., ACVIM consensus statement on the diagnosis of immune mediated thrombocytopenia in dogs and cats. *J Vet Intern Med* 2022; 38 (4):1958-1981.
28. LeVine DA, Goggs R, Kohn B, et al., ACVIM consensus statement on the treatment of immune mediated thrombocytopenia in dogs and cats. *J Vet Intern Med* 2022; 38 (4):1982-2007.
29. Smith MR, Wurlod VA, Ralph AG, Daniels ER, Mitchell M. Mortality rate and prognostic factors for dogs with severe anaphylaxis: 67 cases (2016-2018). *J Am Vet Med Assoc*. 2020 May 15;256(10):1137-1144.

#### INTEGUMENT

None

#### MUSCULOSKELETAL

None

#### NEUROLOGY/SPECIAL SENSES

30. Mignan T, Targett M, Lowrie M. Classification of myasthenia gravis and congenital myasthenic syndromes in dogs and cats. *J Vet Intern Med*. 2020 Sep;34(5):1707-1717.
31. Olby NJ, Moore SA, Brisson B, et al. ACVIM consensus statement on diagnosis and management of acute canine thoracolumbar intervertebral disc extrusion. *J Vet Intern Med*. 2022. 36(5):1570-1596.

#### NUTRITION

32. Sharif S, Greer A, Skorupski C, et al. Probiotics in critical illness: a systematic review and meta-analysis of randomized controlled trials. 2022. *Crit Care Med*. 50(8):1175-1186.
33. Whitehead K, Cortes Y, Eirmann L. Gastrointestinal dysmotility disorders in critically ill dogs and cats. *J Vet Emerg Crit Care*. 2016 Mar-Apr;26(2):234-53.

#### RENAL/URINARY

34. Conway DS, Rozanski E, Wayne AS. Prazosin administration increases the rate of recurrent urethral obstruction in cats: 388 cases. *J Am Vet Med Assoc*. 2022. 260(S2):S7-S11.
35. Rimer D, Chen H, Bar-Nathan M, Segev G. Acute kidney injury in dogs: Etiology, clinical and clinicopathologic findings, prognostic markers, and outcome. *J Vet Intern Med*. 2022; 36(2): 609-618.
36. Weese JS, Blondeau JM, Boothe D, et al. International Society for Companion Animal Infectious Diseases (ISCAID) guidelines for the diagnosis and management of bacterial urinary tract infections in dogs and cats, *The Veterinary Journal*, Volume 247, 2019:8-25.

#### REPRODUCTIVE

None

#### RESPIRATORY

37. Ambrósio AM, Sanchez AF, Pereira MAA, Andrade FSRMD, Rodrigues RR, Vitorasso RdL, Moriya HT and Fantoni DT (2022) Assessment of Regional Ventilation During Recruitment Maneuver by Electrical Impedance Tomography in Dogs. *Front. Vet. Sci.* 8:815048.
38. Bos LDJ, Ware LB. Acute respiratory distress syndrome: causes, pathophysiology, and phenotypes. *The Lancet* 2022; 400:1145-1156.
39. Boullhesen Williams T, Fletcher D, Fusco J, Bichoupan A, Weikert L, Barenas M and Menard J (2022) Retrospective Evaluation of the Use and Complications of Small-Bore Wire-Guided Thoracostomy Tubes in Dogs and Cats: 156 Cases (2007–2019). *Front. Vet. Sci.* 9:818055.
40. Gorman EA, O’Kane CM, McAuley DF. Acute respiratory distress syndrome in adults: diagnosis, outcomes, long-term sequelae, and management. *The Lancet* 2022; 400:1157-1170.
41. Grimes J, Singh A, Oblak M, et al. Surgical management and outcome of dogs with primary spontaneous pneumothorax: 110 cases (2009-2019). *J Am Vet Med Assoc.* 2021 Jun 1;258(11):1229-1235.
42. Herreria-Bustillo VJ, Adamantos S, Lamb CR, et al. Retrospective evaluation of negative-pressure pulmonary edema in dogs (2006-2018): 35 cases. *J Vet Emerg Crit Care*; 2021;32(3)397-404.
43. Lappin MR, Blondeau J, Boothe D, et al. Antimicrobial use guidelines for treatment of respiratory tract disease in dogs and cats: Antimicrobial guidelines working group for the international society for companion animal infectious diseases. *J Vet Intern Med* 2017;31:279-294.
44. Lyssens A, Lekane M, Gommeren K and Merveille A-C (2022) Focused Cardiac Ultrasound to Detect Pre-capillary Pulmonary Hypertension. *Front. Vet. Sci.* 9:830275.
45. Rodrigues NF, Giraud L, Bolen G, et al. Comparison of lung ultrasound, chest radiographs, c-reactive protein, and clinical findings in dogs treated for aspiration pneumonia. 2022. *J Vet Intern Med.* 36(2):743-752.

#### SEPSIS/SIRS/MODS

46. Evans L, Rhodes A, Alhazzani W, et al. Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock 2021. *Crit Care Med.* 2021. 49(11):p e1063-e1143.
47. Goggs R, Robbins SN, LaLonde-Paul DM, et al. Serial analysis of blood biomarker concentrations in dogs with pneumonia, septic peritonitis, and pyometra. 2022. *J Vet Intern Med.* 36(2):549-564.
48. Reagan KL, Visser LC, Epstein SE, et al. Outcome and prognostic factors in infective endocarditis in dogs: 113 cases (2005-2020). 2022. *J Vet Intern Med.* 36(2): 429-440.

#### SHOCK/ISCHEMIA/CPR

49. Rosenstein PG, Tennent-Brown BS, Hughes D. Clinical use of plasma lactate concentration. Part 1: Physiology, pathophysiology, and measurement. *J Vet Emerg Crit Care.* 2018. 28(2): 85-105.
50. Vincent JL, Joosten A, Saugel B. Hemodynamic Monitoring and Support. *Crit Care Med.* 2021. 1;49(10):1638-1650.

#### TRAUMA

51. Cameron S, Weltman JG, Fletcher DJ. The Prognostic value of admission point-of-care testing and modified Glasgow Coma Scale score in dogs and cats with traumatic brain injuries (2007-2010): 212 cases. *J Vet Emerg Crit Care.* 2021. 32(1):75-82.