

## **Large Animal** **Additional Journal Article List 2018**

This list contains articles 3-10 years old from core journals and articles within the last 10 years from non-core journals and is designed to bridge a perceived gap in the recommended reading between recent journal articles, non-core journals and textbooks. It contains article the committee deems likely to inform and impact the practice of veterinary ECC. We aim to keep this list to <100 articles and will review and update it annually. Large animal candidates should appreciate that the majority of these articles are non-species specific and shared with small animal candidates. This means that they can be used for questions on the general multiple-choice exam.

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

None

### **ANESTHESIA/ANALGESIA**

None

### **CARDIOVASCULAR**

None

### **COAGULATION/TRANSFUSION MEDICINE**

1. Kakkar AK, Cimminiello C, Goldhaber SZ, et al. Low-molecular-weight heparin and mortality in acutely ill medical patients. *N Engl J Med.* 2011; 365(26): 2463-2472.
2. Marik PE, Corwin HL. Acute lung injury following blood transfusion: Expanding the definition. *Crit Care Med* 2008; 36(11):3080-3084.
3. Napolitano LM, Kurek S, Luchette FA, et al. Clinical practice guideline: Red blood cell transfusion in adult trauma and critical care. *Crit Care Med* 2009; 37(12): 3124-3157.
4. PROVETS issue of *J Vet Emerg Crit Care.* 2014; 24(1): 1-130. This has been included to make candidates completely aware that this information is testable despite a small animal focus of some articles.

### **ENDOCRINE**

None

### **ENVIRONMENTAL/TOXIC**

None

### **GASTROINTESTINAL/EXOCRINE PANCREAS**

5. de Smet AMGA, Kluytmans JA JW, Cooper BS, et al. Decontamination of the digestive tract and oropharynx in ICU patients. *New Engl J Med* 2009; 360(1): 20-31.
6. Selected articles from the Eleventh International Equine Colic Research Symposium. *BMC Veterinary Research.* 2014; 10(Suppl 1). Open access online.

### **HEPATOBILIARY**

None

#### **IMMUNOLOGY/HEMOLYMPHATIC**

7. Bazick HS, Chang D, Mahadevappa K, et al. Red cell distribution width and all-cause mortality in critically ill patients. *Crit Care Med.* 2011; 39(8): 1913-1921.

#### **INTEGUMENT**

8. Latenser BA. Critical care of the burn patient: The first 48 hours. *Crit Care Med* 2009; 37(10): 2819-2826.

#### **MUSCULOSKELETAL**

None

#### **NEUROLOGY/SPECIAL SENSES**

9. Cooper DJ, Rosenfeld JV, Murray L, et al. Decompressive craniectomy in diffuse traumatic brain injury. *N Engl J Med.* 2011; 364(16): 1493-1502.

#### **NUTRITION**

None

#### **RENAL/URINARY**

10. Bellomo R, Cass A, Cole L, et al. Intensity of continuous renal-replacement therapy in critically ill patients. *New Engl J Med* 2009; 361(17): 1627-1638.

#### **REPRODUCTIVE**

None

#### **RESPIRATORY**

11. Foronda FK, Troster EJ, Farias JA, et al. The impact of daily evaluation and spontaneous breathing test on the duration of pediatric mechanical ventilation: a randomized controlled trial. *Crit Care Med.* 2011; 39(11): 2526-2533.
12. Papazian L, Forel JM, Gacouin A et al. Neuromuscular blockers in early acute respiratory distress syndrome. *N Engl J Med.* 2010; 363(12):1107-16.
13. Villar J, Blanco J, Anon JM, et al. The ALIEN study: incidence and outcome of acute respiratory distress syndrome in the era of lung protective ventilation. *Intensive Care Med.* 2011; 37(12): 1932-1941.
14. Wilkins PA, Otto CM, Baumgardner JE, Dunkel B, Bedenice D et al. Acute lung injury and acute respiratory distress syndromes in veterinary medicine: consensus definitions: The Dorothy Russell Havemeyer Working Group on ALI and ARDS in Veterinary Medicine. *J Vet Emerg Crit Care.* 2007; 17(4):333-339.

#### **SEPSIS/SIRS/MODS**

15. Annane D, Vignon P, Renault A, Bollaert PE, Charpentier C, Martin C, et al. Norepinephrine plus dobutamine versus epinephrine alone for management of septic shock: a randomised trial. *Lancet.* 2007; 370(9588):676-684.
16. Arise Investigators, ANZICS Clinical Trials Group. Goal-directed resuscitation for patients with early septic shock. *N Engl J Med.* 2014 Oct 16;2014(371):1496-506.

17. Caironi P, Tognoni G, Masson S, Fumagalli R, Pesenti A, Romero M, Fanizza C, Caspani L, Faenza S, Grasselli G, Iapichino G. Albumin replacement in patients with severe sepsis or septic shock. *New England Journal of Medicine*. 2014 Apr 10;370(15):1412-21.
18. Marshall JC, Reinhart K, Forum IS. Biomarkers of sepsis. *Crit Care Med* 2009; 37(7): 2290-2298.
19. Monnet X, Jabot J, Maizel J, et al. Norepinephrine increases cardiac preload and reduces preload dependency assessed by passive leg raising in septic shock patients. *Crit Care Med*. 2011; 39(4): 689-694.
20. Oostdijk EA, de Smet AM, Kesecioglu J, Bonten MJ. The role of intestinal colonization with gram-negative bacteria as a source for intensive care unit-acquired bacteremia. *Crit Care Med*. 2011; 39(5): 961-966.
21. ProCESS Investigators. A randomized trial of protocol-based care for early septic shock. *N Engl J Med*. 2014 May 1;2014(370):1683-93.
22. Rahman NM, Maskell NA, West A, et al. Intrapleural use of tissue plasminogen activator and DNase in pleural infection. *N Engl J Med*. 2011; 365(6): 518-526.
23. Rubulotta F, Marshall JC, Ramsay G, Nelson D, Levy M, Williams M. Predisposition, insult/infection, response, and organ dysfunction: A new model for staging severe sepsis. *Crit Care Med* 2009; 37(4):1329–1335.
24. Russell JA, Walley KR, Singer J, Gordon AC, Hebert PC, Cooper DJ, et al. Vasopressin versus norepinephrine infusion in patients with septic shock. *New Engl J Med*. 2008; 358(9):877-887.
25. Zahar JR, Timsit JF, Garrouste-Orgeas M, et al. Outcomes in severe sepsis and patients with septic shock: pathogen species and infection sites are not associated with mortality. *Crit Care Med*. 2011; 39(8): 1886-1895.

#### **SHOCK/ISCHEMIA/CPCR**

26. Antonelli M, Levy M, Andrews PJ, Chastre J, Hudson LD, Manthous C, Meduri GU, Moreno RP, Putensen C, Stewart T, Torres A. Hemodynamic monitoring in shock and implications for management. International Consensus Conference, Paris, France, 27-28 April 2006. *Intensive Care Med*. 2007; 33(4):575-590.
27. Nielsen N, Wetterslev J, Cronberg, T, et al. Targeted Temperature Management at 33°C versus 36°C after Cardiac Arrest. *N Engl J Med*. 2013. 369(23):2197-2206.
28. Stiell IG, Nichol G, Leroux BG, et al. Early versus later rhythm analysis in patients with out-of-hospital cardiac arrest. *N Engl J Med*. 2011; 365(9): 787-797.
29. Special Issue: Reassessment Campaign on Veterinary Resuscitation: Evidence and Knowledge Gap Analysis on Veterinary CPR. *J Vet Emerg Crit Care* 2012; S4-131.