TOP ARTICLES FOR NOVEMBER 2016

AJRCM

1. Improving Appropriate Neurologic Prognostication after Cardiac Arrest: A Stepped Wedge Cluster Randomized Controlled Trial. 
   Am J Respir Crit Care Med. 2016 Nov 1;194(9):1083-1091. PMID: 27115286

2. Progranulin Plays a Central Role in Host Defense during Sepsis by Promoting Macrophage Recruitment.
   Am J Respir Crit Care Med. 2016 Nov 15;194(10):1219-1232. PMID: 27149013

Trauma/Acute Care Surgery

3. Pain management for blunt thoracic trauma: A joint practice management guideline from the Eastern Association for the Surgery of Trauma and Trauma Anesthesiology Society.

4. Therapeutic potential of recombinant thrombomodulin for lung injury after pneumonectomy via inhibition of high-mobility group box 1 in mice.
   Takahashi Y, Matsutani N, Dejima H, Nakayama T, Okamura R, Uehara H, Kawamura M.

5. Compared to warfarin, direct oral anticoagulants are associated with lower mortality in patients with blunt traumatic intracranial hemorrhage: A TQIP study.
   Feeney JM, Santone E, DiFiori M, Kis L, Jayaraman V, Montgomery SC.

CHEST

6. Elevated Plasma Levels of sRAGE Are Associated With Nonfocal CT-Based Lung Imaging in Patients With ARDS: A Prospective Multicenter Study.
8. Clinical Features of Smokers with Radiological Emphysema but without Airway Limitation.
   Alcaide AB, Sanchez-Salcedo P, Bastarrika G, Campo A, Berto J, Ocon MD, Celli BR, Zulueta JJ, de-Torres JP.

NEJM


11. Thresholds for Abdominal Aortic Aneurysm Repair in England and the United States

JAMA
12. **Beta-Lactam Infusion in Severe Sepsis (BLISS): a prospective, two-centre, open-labelled randomised controlled trial of continuous versus intermittent beta-lactam infusion in critically ill patients with severe sepsis.**

13. **Assessment of oxygenation response to prone position ventilation in ARDS by lung ultrasonography.**
Guerin C, Gattinoni L.
PMID: 27448607

14. **Effect of Hydrocortisone on Development of Shock Among Patients With Severe Sepsis: The HYPRESS Randomized Clinical Trial.**

**BMJ, LANCET**

15. **Epidemiological characteristics, practice of ventilation, and clinical outcome in patients at risk of acute respiratory distress syndrome in intensive care units from 16 countries (PRoVENT): an international, multicentre, prospective study.**

16. **Initial combination therapy with ambrisentan and tadalafil and mortality in patients with pulmonary arterial hypertension: a secondary analysis of the results from the randomised, controlled AMBITION study.**
Myles PR, Hubbard RB, McKeever TM, Pogson Z, Smith CJ, Gibson JE.

18. Impact of Body Mass Index on the Accuracy of N-Terminal Pro-Brain Natriuretic Peptide and Brain Natriuretic Peptide for Predicting Outcomes in Patients With Chronic Heart Failure and Reduced Ejection Fraction: Insights From the PARADIGM-HF Study (Prospective Comparison of ARNI With ACEI to Determine Impact on Global Mortality and Morbidity in Heart Failure Trial).

Circulation. 2016 Nov 15;134(20):1568-1578. PMID:27840334

Wilson WR, Bower TC et al.
PMID: 27737955

21. Lung ultrasound can be used to predict the potential of prone positioning and assess prognosis in patients with acute respiratory distress syndrome
Xiao-ting Wang, Xin Ding, Hong-min Zhang, Huan Chen, Long-xiang Su and Da-wei Liu
Critical Care 2016 20:385

22. Inhaled nitric oxide and the risk of renal dysfunction in patients with acute respiratory distress syndrome: a propensity-matched cohort study
Sheng-Yuan Ruan, Hon-Yen Wu, Hsien-Ho Lin, Huey-Dong Wu, Chong-Jen Yu and
23. **Effect of driving pressure on mortality in ARDS patients during lung protective mechanical ventilation in two randomized controlled trials**
Claude Guérin, Laurent Papazian, Jean Reignier, Louis Ayzac, Anderson Loundou and Jean-Marie Forel
*Critical Care* 2016 20:389

**Intensive Care**

24. **The Outcome and Predictors of Mortality in Patients Therapeutically Cooled Postcardiac Arrest.**
PMID 25572332

25. **Fecal Microbiota Transplant: Treatment Options for Clostridium difficile Infection in the Intensive Care Unit.**
Han S, Shannahahan S, Pellish R.
PMID: 26141116

26. **Resolution of a Mobile Right Atrial Thrombus Complicating Acute Pulmonary Embolism With Low-Dose Tissue Plasminogen Activator in a Patient With Recent Craniotomy.**
Patel AK, Kafi A, Bonet A, Shapiro SM, Oh SS, Zeidler MR, Betancourt J.
PMID 27139009

**Critical Care Medicine**

27. **Patient and Organizational Factors Associated With Delays in Antimicrobial Therapy for Septic Shock.**
Crit Care Med. 2016 Dec;44(12):2145-2153. PMID:27441899

Thompson MP, Reeves MJ, Bogan BL, DiGiovine B, Posa PJ, Watson SR.
Crit Care Med. 2016 Dec;44(12):2123-2130. PMID: 27441897
Zampieri FG, Ranzani OT, Azevedo LC, Martins ID, Kellum JA, Libório AB.
Crit Care Med. 2016 Dec;44(12):2163-2170. PMID: 27495820