

TOP ARTICLES FOR October 2016

AJRCM

1. [Mechanisms of Chronic Muscle Wasting and Dysfunction after an Intensive Care Unit Stay. A Pilot Study.](#)

Dos Santos C, Hussain SN, Mathur S, Picard M, Herridge M, Correa J, Bain A, Guo Y, Advani A, Advani SL, Tomlinson G, Katzberg H, Streutker CJ, Cameron JI, Schols A, Gosker HR, Batt J; MEND ICU Group.; RECOVER Program Investigators.; Canadian Critical Care Translational Biology Group..

Am J Respir Crit Care Med. 2016 Oct 1;194(7):821-830. PMID: 27058306

2. [The RECOVER Program: Disability Risk Groups and 1-Year Outcome after 7 or More Days of Mechanical Ventilation.](#)

Herridge MS, et al. RECOVER Program Investigators (Phase 1: towards RECOVER).; Canadian Critical Care Trials Group..

Am J Respir Crit Care Med. 2016 Oct 1;194(7):831-844. PMID:26974173

3. [Acute Respiratory Distress Syndrome Neutrophils Have a Distinct Phenotype and Are Resistant to Phosphoinositide 3-Kinase Inhibition.](#)

Juss JK, House D, Amour A, Begg M, Herre J, Storisteanu DM, Hoenderdos K, Bradley G, Lennon M, Summers C, Hessel EM, Condliffe A, Chilvers ER.

Am J Respir Crit Care Med. 2016 Oct 15;194(8):961-973. PMID: 27064380

Trauma/Acute Care Surgery

4. [Trauma patients on new oral anticoagulation agents have lower mortality than those on warfarin.](#)

Maung AA, Bhattacharya B, Schuster KM, Davis KA.

J Trauma Acute Care Surg. 2016 Oct;81(4):652-7. doi: 10.1097/TA.0000000000001189. PMID: 27438683

5. [Prehospital shock index and pulse pressure/heart rate ratio to predict massive transfusion after severe trauma: Retrospective analysis of a large regional trauma database.](#)

Pottecher J, Ageron FX, Fauché C, Chemla D, Noll E, Duranteau J, Chapiteau L, Payen JF, Bouzat P.

J Trauma Acute Care Surg. 2016 Oct;81(4):713-22. doi: 10.1097/TA.0000000000001191. PMID: 27648770

6. [Prehospital point-of-care lactate following trauma: A systematic review.](#)

Lewis CT, Naumann DN, Crombie N, Midwinter MJ.

J Trauma Acute Care Surg. 2016 Oct;81(4):748-55. doi: 10.1097/TA.0000000000001192. PMID:27648771

CHEST

7. [Procalcitonin as an Early Marker of the Need for Invasive Respiratory or Vasopressor Support in Adults With Community-Acquired Pneumonia.](#)

Self WH, Grijalva CG, Williams DJ, Woodworth A, Balk RA, Fakhran S, Zhu Y, Courtney DM, Chappell J, Anderson EJ, Qi C, Waterer GW, Trabue C, Bramley AM, Jain S, Edwards KM, Wunderink RG.

Chest. 2016 Oct;150(4):819-828. doi: 10.1016/j.chest.2016.04.010. PMID: 27107491

8. [Reslizumab for Inadequately Controlled Asthma With Elevated Blood Eosinophil Levels: A Randomized Phase 3 Study.](#)

Bjerner L, Lemiere C, Maspero J, Weiss S, Zangrilli J, Germinaro M.
Chest. 2016 Oct;150(4):789-798. doi: 10.1016/j.chest.2016.03.032. PMID: 27056586

9. [Where You Live Matters: The Impact of Place of Residence on Severe Sepsis Incidence and Mortality.](#)

Goodwin AJ, Nadig NR, McElligott JT, Simpson KN, Ford DW.
Chest. 2016 Oct;150(4):829-836. doi: 10.1016/j.chest.2016.07.004. PMID: 27445093

NEJM

10. [Prevalence of Pulmonary Embolism among Patients Hospitalized for Syncope.](#)

Prandoni P, Lensing AW, Prins MH, Ciammaichella M, Perlati M, Mumoli N, Bucherini E, Visonà A, Bova C, Imberti D, Camprostrini S, Barbar S; PESIT Investigators..
N Engl J Med. 2016 Oct 20;375(16):1524-1531. PMID: 27797317

11. [A Randomized Trial of Long-Term Oxygen for COPD with Moderate Desaturation.](#)

Long-Term Oxygen Treatment Trial Research Group..
N Engl J Med. 2016 Oct 27;375(17):1617-1627. PMID:27783918

12. [Life Expectancy after Myocardial Infarction, According to Hospital Performance.](#)

Bucholz EM, Butala NM, Ma S, Normand ST, Krumholz HM.
N Engl J Med. 2016 Oct 6;375(14):1332-1342.PMID: 27705249

JAMA

13. [Association Between Therapeutic Hypothermia and Survival After In-Hospital Cardiac Arrest.](#)

Chan PS, Berg RA, Tang Y, Curtis LH, Spertus JA; American Heart Association's Get With the Guidelines–Resuscitation Investigators..
JAMA. 2016 Oct 4;316(13):1375-1382. doi: 10.1001/jama.2016.14380.PMID: 27701659

14. [Empirical Micafungin Treatment and Survival Without Invasive Fungal Infection in Adults With ICU-Acquired Sepsis, Candida Colonization, and Multiple Organ Failure: The EMPIRICUS Randomized Clinical Trial.](#)

Timsit JF, Azoulay E, Schwebel C, Charles PE, Cornet M, Souweine B, Klouche K, Jaber S, Trouillet JL, Bruneel F, Argaud L, Cousson J, Meziani F, Gruson D, Paris A, Darmon M, Garrouste-Orgeas M, Navellou JC, Foucrier A, Allaouchiche B, Das V, Gangneux JP, Ruckly S, Maubon D, Jullien V, Wolff M; EMPIRICUS Trial Group.
JAMA. 2016 Oct 18;316(15):1555-1564. doi: 10.1001/jama.2016.14655. PMID: 27706483

15. [Effect of Postextubation High-Flow Nasal Cannula vs Noninvasive Ventilation on Reintubation and Postextubation Respiratory Failure in High-Risk Patients: A Randomized Clinical Trial.](#)

Hernández G, Vaquero C, Colinas L, Cuena R, González P, Canabal A, Sanchez S, Rodriguez ML, Villasclaras A, Fernández R.
JAMA. 2016 Oct 18;316(15):1565-1574. doi: 10.1001/jama.2016.14194. PMID: 27706464

BMJ, LANCET

16. [Early, goal-directed mobilisation in the surgical intensive care unit: a randomised controlled trial.](#)

Schaller SJ, Anstey M, Blobner M, Edrich T, Grabitz SD, Gradwohl-Matis I, Heim M, Houle T, Kurth T, Latronico N, Lee J, Meyer MJ, Peponis T, Talmor D, Velmahos GC, Waak K, Walz JM, Zafonte R, Eikermann M; International Early SOMS-guided Mobilization Research Initiative.

Lancet. 2016 Oct 1;388(10052):1377-1388. doi: 10.1016/S0140-6736(16)31637-3. PMID: 27707496

17. [Dexmedetomidine for prevention of delirium in elderly patients after non-cardiac surgery: a randomised, double-blind, placebo-controlled trial.](#)

Su X, Meng ZT, Wu XH, Cui F, Li HL, Wang DX, Zhu X, Zhu SN, Maze M, Ma D.

Lancet. 2016 Oct 15;388(10054):1893-1902. doi: 10.1016/S0140-6736(16)30580-3. PMID: 27542303

18. [Edoxaban versus enoxaparin-warfarin in patients undergoing cardioversion of atrial fibrillation \(ENSURE-AF\): a randomised, open-label, phase 3b trial.](#)

Goette A, Merino JL, Ezekowitz MD, Zamoryakhin D, Melino M, Jin J, Mercuri MF, Grosso MA, Fernandez V, Al-Saady N, Pelekh N, Merkely B, Zenin S, Kushnir M, Spinar J, Batushkin V, de Groot JR, Lip GY; ENSURE-AF investigators..

Lancet. 2016 Oct 22;388(10055):1995-2003. doi: 10.1016/S0140-6736(16)31474-X. PMID: 27590218

Circulation

19. [Metabolic Reprogramming Regulates the Proliferative and Inflammatory Phenotype of Adventitial Fibroblasts in Pulmonary Hypertension Through the Transcriptional Corepressor C-Terminal Binding Protein-1.](#)

Li M, Riddle S, Zhang H, D'Alessandro A, Flockton A, Serkova NJ, Hansen KC, Moldvan R, McKeon BA, Frid M, Kumar S, Li H, Liu H, Caánovas A, Medrano JF, Thomas MG, Iloska D, Plecítá-Hlavatá L, Ježek P, Pullamsetti S, Fini MA, El Kasmi KC, Zhang Q, Stenmark KR.

Circulation. 2016 Oct 11;134(15):1105-1121. PMID: 27562971

20. [Surgical Management of Infective Endocarditis Complicated by Embolic Stroke: Practical Recommendations for Clinicians.](#)

Yanagawa B, Pettersson GB, Habib G, Ruel M, Saposnik G, Latter DA, Verma S.

Circulation. 2016 Oct 25;134(17):1280-1292. PMID:27777297

21. [Cardiovascular Consequences of Childhood Secondhand Tobacco Smoke Exposure: Prevailing Evidence, Burden, and Racial and Socioeconomic Disparities: A Scientific Statement From the American Heart Association.](#)

Raghuveer G, White DA, Hayman LL, Woo JG, Villafane J, Celermajer D, Ward KD, de Ferranti SD, Zachariah J; American Heart Association Committee on Atherosclerosis, Hypertension, and Obesity in the Young of the Council on Cardiovascular Disease in the Young; Behavior Change for Improving Health Factors Committee of the Council on Lifestyle and Cardiometabolic Health and Council on Epidemiology and Prevention; and Stroke Council..

Circulation. 2016 Oct 18;134(16):e336-e359. Erratum in: [Circulation. 2016 Oct 18;134\(16\):e366.](#) PMID:27619923

Critical Care

22. [Microcirculatory assessment of patients under VA-ECMO.](#)

Kara A, Akin S, Dos Reis Miranda D, Struijs A, Caliskan K, van Thiel RJ, Dubois EA, de Wilde W, Zijlstra F, Gommers D, Ince C.

Crit Care. 2016 Oct 25;20(1):344. PMID:27776535

23. [Delay in diagnosis of influenza A \(H1N1\)pdm09 virus infection in critically ill patients and impact on clinical outcome.](#)

Álvarez-Lerma F, Marín-Corral J, Vila C, Masclans JR, González de Molina FJ, Martín Loeches I, Barbadillo S, Rodríguez A; H1N1 GETGAG/SEMICYUC Study Group..

Crit Care. 2016 Oct 23;20(1):337. PMID:27770828

24. [Spontaneous breathing trial and post-extubation work of breathing in morbidly obese critically ill patients.](#)

Mahul M, Jung B, Galia F, Molinari N, de Jong A, Coisel Y, Vaschetto R, Matecki S, Chanques G, Brochard L, Jaber S.

Crit Care. 2016 Oct 27;20(1):346. PMID:27784322

Intensive Care

25. [A 24-Hour Postintensive Care Unit Transition-of-Care Model Shortens Hospital Stay.](#)

Kheir F, Shawwa K, Nguyen D, Alraiyes AH, Simeone F, Nielsen ND.

J Intensive Care Med. 2016 Oct;31(9):597-602. doi: 10.1177/0885066615569701.

PMID:25636643

26. [Factors Affecting Anxiety and Depression Symptoms in Relatives of Intensive Care Unit Patients.](#)

Köse I, Zincircioğlu Ç, Öztürk YK, Çakmak M, Güldoğan EA, Demir HF, Şenoglu N, Erbay RH, Gonullu M.

J Intensive Care Med. 2016 Oct;31(9):611-7. doi: 10.1177/0885066615595791.

PMID:26168801

27. [Spinal Decerebrate-Like Posturing After Brain Death: A Case Report and Review of the Literature.](#)

Kumar A, Tummala P, Feen ES, Dhar R.

J Intensive Care Med. 2016 Oct;31(9):622-4. doi: 10.1177/0885066616646076.

PMID:27170657

Critical Care Medicine

28.

[Increased Ratio of Visceral to Subcutaneous Adipose Tissue in Septic ...](#)

Chawika Pisitsak; Joseph G. H. Lee; John H. Boyd; Harvey O. Coxson;

James A. Russell; Keith R. Walley

Crit Care Med. 2016 Nov;44(11):1966-1973.

PMID: 27513541 DOI: 10.1097/CCM.0000000000001870

29. [Randomized Trial of Video Laryngoscopy for Endotracheal Intubation ...](#)

Janz DR, Semler MW, Lentz RJ, Matthews DT, Assad TR, Norman BC, Keriwala RD, Ferrell BA,

Crit Care Med. 2016 Nov;44(11):1980-1987.

PMID: 27355526 DOI: 10.1097/CCM.0000000000001841

30. [Sepsis and Presidential Initiatives. - NCBI](#)

Cohen M, Falcone P, Kusnezov D, Paragas J.

Crit Care Med. 2016 Nov;44(11):1963-1965.

PMID: 27755067 DOI: 10.1097/CCM.0000000000002146