

TOP ARTICLES FOR JUNE, 2016

1. [Incidence and Risk Factors for Intensive Care Unit-related Post-traumatic Stress Disorder in Veterans and Civilians.](#) Patel MB, Jackson JC, Morandi A, Girard TD, Hughes CG, Thompson JL, Kiehl AL, Elstad MR, Wasserstein ML, Goodman RB, Beckham JC, Chandrasekhar R, Dittus RS, Ely EW, Pandharipande PP. Am J Respir Crit Care Med. 2016 Jun 15;193(12):1373-81. doi: 10.1164/rccm.201506-1158OC. PMID:26735627
2. [Lung Recruitment Assessed by Respiratory Mechanics and Computed Tomography in Patients with Acute Respiratory Distress Syndrome. What Is the Relationship?](#) Chiumello D, Marino A, Brioni M, Cigada I, Menga F, Colombo A, Crimella F, Algieri I, Cressoni M, Carlesso E, Gattinoni L. Am J Respir Crit Care Med. 2016 Jun 1;193(11):1254-63. doi: 10.1164/rccm.201507-1413OC. PMID:26699672
3. [Multicenter Implementation of a Treatment Bundle for Patients with Sepsis and Intermediate Lactate Values.](#) Liu VX, Morehouse JW, Marelich GP, Soule J, Russell T, Skeath M, Adams C, Escobar GJ, Whippy A. Am J Respir Crit Care Med. 2016 Jun 1;193(11):1264-70. doi: 10.1164/rccm.201507-1489OC. PMID: 26695114
4. [The Dose Response Multicentre Investigation on Fluid Assessment \(DoReMIFA\) in critically ill patients.](#) Garzotto F, Ostermann M, Martín-Langerwerf D, Sánchez-Sánchez M, Teng J, Robert R, Marinho A, Herrera-Gutierrez ME, Mao HJ, Benavente D, Kipnis E, Lorenzin A, Marcelli D, Tetta C, Ronco C; DoReMIFA study group. Crit Care. 2016 Jun 23;20(1):196. PMID:27334608
5. [Hyperoxemia as a risk factor for ventilator-associated pneumonia.](#) Six S, Jaffal K, Ledoux G, Jaillette E, Wallet F, Nseir S. Crit Care. 2016 Jun 22;20(1):195. doi: 10.1186/s13054-016-1368-4. PMID:27334713
6. [Increased body mass index and adjusted mortality in ICU patients with sepsis or septic shock: a systematic review and meta-analysis.](#) Pepper DJ, Sun J, Welsh J, Cui X, Suffredini AF, Eichacker PQ. Crit Care. 2016 Jun 15;20(1):181. doi: 10.1186/s13054-016-1360-z. PMID:27306751
7. [Safety and tolerability of acetylcysteine and pirfenidone combination therapy in idiopathic pulmonary fibrosis: a randomised, double-blind, placebo-controlled, phase 2 trial.](#) Behr J, Bendstrup E, Crestani B, Günther A, Olschewski H, Sköld CM, Wells A, Wuyts W, Koschel D, Kreuter M, Wallaert B, Lin CY, Beck J, Albera C. Lancet Respir Med. 2016 Jun;4(6):445-453. doi: 10.1016/S2213-2600(16)30044-3. Epub 2016 May 5. PMID:27161257

8. [The EQ-5D-5L health status questionnaire in COPD: validity, responsiveness and minimum important difference.](#) Nolan CM, Longworth L, Lord J, Canavan JL, Jones SE, Kon SS, Man WD. Thorax. 2016 Jun;71(6):493-500. doi: 10.1136/thoraxjnl-2015-207782. Epub 2016 Mar 30. PMID: 27030578
9. [End-of-life care in oxygen-dependent ILD compared with lung cancer: a national population-based study.](#) Ahmadi Z, Wysham NG, Lundström S, Janson C, Currow DC, Ekström M. Thorax. 2016 Jun;71(6):510-6. doi: 10.1136/thoraxjnl-2015-207439. Epub 2016 Feb 10. PMID:26865603
10. [Low-Dose versus Standard-Dose Intravenous Alteplase in Acute Ischemic Stroke.](#) Anderson CS, Robinson T, Lindley RI, Arima H, Lavados PM, Lee TH, Broderick JP, Chen X, Chen G, Sharma VK, Kim JS, Thang NH, Cao Y, Parsons MW, Levi C, Huang Y, Olavarría VV, Demchuk AM, Bath PM, Donnan GA, Martins S, Pontes-Neto OM, Silva F, Ricci S, Roffe C, Pandian J, Billot L, Woodward M, Li Q, Wang X, Wang J, Chalmers J; ENCHANTED Investigators and Coordinators. N Engl J Med. 2016 Jun 16;374(24):2313-23. doi: 10.1056/NEJMoa1515510. Epub 2016 May10. PMID:27161018
11. [Indacaterol-Glycopyrronium versus Salmeterol-Fluticasone for COPD.](#) Wedzicha JA, Banerji D, Chapman KR, Vestbo J, Roche N, Ayers RT, Thach C, Fogel R, Patalano F, Vogelmeier CF; FLAME Investigators. N Engl J Med. 2016 Jun 9;374(23):2222-34. doi: 10.1056/NEJMoa1516385. Epub 2016 May 15. PMID:27181606
12. [Development and Validation of Risk Models to Select Ever-Smokers for CT Lung Cancer Screening.](#) Katki HA, Kovalchik SA, Berg CD, Cheung LC, Chaturvedi AK. JAMA. 2016 Jun 7;315(21):2300-11. doi: 10.1001/jama.2016.6255. PMID: 27179989
13. [Glucocorticoid Sensitivity Is Highly Variable in Critically Ill Patients With Septic Shock and Is Associated With Disease Severity.](#) Cohen J, Pretorius CJ, Ungerer JP, Cardinal J, Blumenthal A, Presneill J, Gatica-Andrades M, Jarrett P, Lassig-Smith M, Stuart J, Dunlop R, Starr T, Venkatesh B. Crit Care Med. 2016 Jun;44(6):1034-41. doi: 10.1097/CCM.0000000000001633. PMID: 26963327
14. [Long-Term Outcomes in Critically Ill Septic Patients Who Survived Cardiopulmonary Resuscitation.](#) Chao PW, Chu H, Chen YT, Shih YN, Kuo SC, Li SY, Ou SM, Shih CJ. Crit Care Med. 2016 Jun;44(6):1067-74. doi: 10.1097/CCM.0000000000001608. PMID: 26807681
15. [A Pilot Randomized Trial Comparing Weaning From Mechanical Ventilation on Pressure Support Versus Proportional Assist Ventilation.](#)

- Bosma KJ, Read BA, Bahrgard Nikoo MJ, Jones PM, Priestap FA, Lewis JF. *Crit Care Med.* 2016 Jun;44(6):1098-108. doi: 10.1097/CCM.0000000000001600. PMID:26807682
16. [Survival Analysis After Extracorporeal Membrane Oxygenation in Critically Ill Adults: A Nationwide Cohort Study.](#) Chang CH, Chen HC, Caffrey JL, Hsu J, Lin JW, Lai MS, Chen YS. *Circulation.* 2016 Jun 14;133(24):2423-33. doi: 10.1161/CIRCULATIONAHA.115.019143. PMID 27199466
 17. [Right Ventricular Functional Reserve in Pulmonary Arterial Hypertension.](#) Hsu S, Houston BA, Tampakakis E, Bacher AC, Rhodes PS, Mathai SC, Damico RL, Kolb TM, Hummers LK, Shah AA, McMahan Z, Corona-Villalobos CP, Zimmerman SL, Wigley FM, Hassoun PM, Kass DA, Tedford RJ. *Circulation.* 2016 Jun 14;133(24):241322. doi: 10.1161/CIRCULATIONAHA.116.022082 PMID:27169739
 18. [Whole grain consumption and risk of cardiovascular disease, cancer, and all cause and cause specific mortality: systematic review and dose-response meta-analysis of prospective studies.](#) Aune D, Keum N, Giovannucci E, Fadnes LT, Boffetta P, Greenwood DC, Tonstad S, Vatten LJ, Riboli E, Norat T. *BMJ.* 2016 Jun 14;353:i2716. doi: 10.1136/bmj.i2716. PMID:27301975
 19. [Effect of ICU strain on timing of limitations in life-sustaining therapy and on death.](#) Hua M, Halpern SD, Gabler NB, Wunsch H. *Intensive Care Med.* 2016 Jun;42(6):987-94. doi: 10.1007/s00134-016-4240-8. PMID:26862018
 20. [Effect of probiotics on the incidence of ventilator-associated pneumonia in critically ill patients: a randomized controlled multicenter trial.](#) Zeng J, Wang CT, Zhang FS, Qi F, Wang SF, Ma S, Wu TJ, Tian H, Tian ZT, Zhang SL, Qu Y, Liu LY, Li YZ, Cui S, Zhao HL, Du QS, Ma Z, Li CH, Li Y, Si M, Chu YF, Meng M, Ren HS, Zhang JC, Jiang JJ, Ding M, Wang YP. *Intensive Care Med.* 2016 Jun;42(6):1018-28. doi: 10.1007/s00134-016-4303-x. Epub 2016 Apr 4. PMID: 27043237
 21. [Impact of de-escalation of beta-lactam antibiotics on the emergence of antibiotic resistance in ICU patients: a retrospective observational study.](#) De Bus L, Denys W, Cateeuw J, Gadeyne B, Vermeulen K, Boelens J, Claeys G, De Waele JJ, Decruyenaere J, Depuydt PO. *Intensive Care Med.* 2016 Jun;42(6):1029-39. doi: 10.1007/s00134-016-4301-z. Epub 2016 Mar 30. PMID:27025939
 22. [A prospective study of platelet function in trauma patients.](#) Ramsey MT, Fabian TC, Shahan CP, Sharpe JP, Mabry SE, Weinberg JA, Croce MA,

Jennings LK. J Trauma Acute Care Surg. 2016 May;80(5):726-33. doi: 10.1097/TA.0000000000001017. PMID:26895088

23. [Determining the magnitude of surveillance bias in the assessment of lower extremity deep venous thrombosis: A prospective observational study of two centers.](#) Shackford SR, Cipolle MD, Badiee J, Mosby DL, Knudson MM, Lewis R, McDonald VS, Olson EJ, Thompson KA, Van Gent JM, Zander AL. J Trauma Acute Care Surg. 2016 May;80(5):734-41. doi: 10.1097/TA.0000000000001009. PMID:26891155
24. [An analysis of neurosurgical practice patterns and outcomes for serious to critical traumatic brain injuries in a mature trauma state.](#) Morrison CA, Gross BW, Cook AD, Estrella L, Gillio M, Alzate J, Vogel A, Dally J, Wu D, Rogers FB. Trauma Acute Care Surg. 2016 May;80(5):755-63. doi: 10.1097/TA.0000000000000997. PMID:26885989
25. [Pleural Effusions at First ED Encounter Predict Worse Clinical Outcomes in Patients With Pneumonia.](#) Dean NC, Griffith PP, Sorensen JS, McCauley L, Jones BE, Lee YC. Chest. 2016 Jun;149(6):1509-15. doi: 10.1016/j.chest.2015.12.027. PMID: 26836918
26. [Feasibility, Utility, and Safety of Midodrine During Recovery Phase From Septic Shock.](#) Whitson MR, Mo E, Nabi T, Healy L, Koenig S, Narasimhan M, Mayo PH. Chest. 2016 Jun;149(6):1380-3. doi: 10.1016/j.chest.2016.02.657. PMID:26953217
27. [Associations Between Different Sedatives and Ventilator-Associated Events, Length of Stay, and Mortality in Patients Who Were Mechanically Ventilated.](#) Klompas M, Li L, Szumita P, Kleinman K, Murphy MV; CDC Prevention Epicenters Program. Chest. 2016 Jun;149(6):1373-9. doi: 10.1378/chest.15-1389. PMID:26501514