

Tulane CC Project Top Article May 2017

AJRCM

1. [Favorable Neurocognitive Outcome with Low Tidal Volume Ventilation after Cardiac Arrest.](#)

Beitler JR, Ghafouri TB, Jinadasa SP, Mueller A, Hsu L, Anderson RJ, Joshua J, Tyagi S, Malhotra A, Sell RE, Talmor D.

Am J Respir Crit Care Med. 2017 May 1;195(9):1198-1206. doi: 10.1164/rccm.201609-1771OC. PMID:28267376

2. [Balanced Crystalloids versus Saline in the Intensive Care Unit. The SALT Randomized Trial.](#)

Semler MW, Wanderer JP, Ehrenfeld JM, Stollings JL, Self WH, Siew ED, Wang L, Byrne DW, Shaw AD, Bernard GR, Rice TW; SALT Investigators * and the Pragmatic Critical Care Research Group.; SALT Investigators..

Am J Respir Crit Care Med. 2017 May 15;195(10):1362-1372. doi: 10.1164/rccm.201607-1345OC. PMID:27749094

3. [A Missense Genetic Variant in LRRC16A/CARMIL1 Improves Acute Respiratory Distress Syndrome Survival by Attenuating Platelet Count Decline.](#)

Wei Y, Tejera P, Wang Z, Zhang R, Chen F, Su L, Lin X, Bajwa EK, Thompson BT, Christiani DC.

Am J Respir Crit Care Med. 2017 May 15;195(10):1353-1361. doi: 10.1164/rccm.201605-0946OC.

PMID: 27768389

Trauma/Acute Care Surgery

4. [Novel oral anticoagulants and trauma: The results of a prospective American Association for the Surgery of Trauma Multi-Institutional Trial.](#)

Kobayashi L, Barmparas G, Bosarge P, Brown CV, Bukur M, Carrick MM, Catalano RD, Holly-Nicolas J, Inaba K, Kaminski S, Klein AL, Kopelman T, Ley EJ, Martinez EM, Moore FO, Murry J, Nirula R, Paul D, Quick J, Rivera O, Schreiber M, Coimbra R; AAST Multicenter Prospective Observational Study of Trauma Patients on Novel Oral Anticoagulants Study Group.

J Trauma Acute Care Surg. 2017 May;82(5):827-835. doi: 10.1097/TA.0000000000001414. PMID:28431413

5. [Potential role of platelet-leukocyte aggregation in trauma-induced coagulopathy: Ex vivo findings.](#)

Zipperle J, Altenburger K, Ponschab M, Schlimp CJ, Spittler A, Bahrami S, Redl H, Schöchl H.

J Trauma Acute Care Surg. 2017 May;82(5):921-926. doi: 10.1097/TA.0000000000001410. PMID:28257393

6. [Novel oral anticoagulants and trauma: The results of a prospective American Association for the Surgery of Trauma Multi-Institutional Trial.](#)

Kobayashi L, Barmparas G, Bosarge P, Brown CV, Bukur M, Carrick MM, Catalano RD, Holly-Nicolas J, Inaba K, Kaminski S, Klein AL, Kopelman T, Ley EJ, Martinez EM, Moore FO, Murry J, Nirula R, Paul D, Quick J, Rivera O, Schreiber M, Coimbra R; AAST Multicenter Prospective Observational Study of Trauma Patients on Novel Oral Anticoagulants Study Group.

CHEST

7. [Allogeneic Human Mesenchymal Stem Cells in Patients With Idiopathic Pulmonary Fibrosis via Intravenous Delivery \(AETHER\): A Phase I Safety Clinical Trial.](#)

Glassberg MK, Minkiewicz J, Toonkel RL, Simonet ES, Rubio GA, DiFede D, Shafazand S, Khan A, Pujol MV, LaRussa VF, Lancaster LH, Rosen GD, Fishman J, Mageto YN, Mendizabal A, Hare JM.

Chest. 2017 May;151(5):971-981. doi: 10.1016/j.chest.2016.10.061. Epub 2016 Nov 24.

PMID:27890713

8. [Efficacy of Clarithromycin-Naproxen-Oseltamivir Combination in the Treatment of Patients Hospitalized for Influenza A\(H3N2\) Infection: An Open-label Randomized, Controlled, Phase IIb/III Trial.](#)

Hung IFN, To KKW, Chan JFW, Cheng VCC, Liu KSH, Tam A, Chan TC, Zhang AJ, Li P, Wong TL, Zhang R, Cheung MKS, Leung W, Lau JYN, Fok M, Chen H, Chan KH, Yuen KY.

Chest. 2017 May;151(5):1069-1080. doi: 10.1016/j.chest.2016.11.012. Epub 2016 Nov 22. PMID:27884765

9. [Prophylactic Corticosteroids for Prevention of Postextubation Stridor and Reintubation in Adults: A Systematic Review and Meta-analysis.](#)

Kuriyama A, Umakoshi N, Sun R.

Chest. 2017 May;151(5):1002-1010. doi: 10.1016/j.chest.2017.02.017. Epub 2017 Feb 21. PMID:28232056

NEJM

10. [Mepolizumab or Placebo for Eosinophilic Granulomatosis with Polyangiitis.](#)

Wechsler ME, Akuthota P, Jayne D, Khoury P, Klion A, Langford CA, Merkel PA, Moosig F, Specks U, Cid MC, Luqmani R, Brown J, Mallett S, Philipson R, Yancey SW, Steinfeld J, Weller PF, Gleich GJ; EGPA Mepolizumab Study Team..

N Engl J Med. 2017 May 18;376(20):1921-1932. doi: 10.1056/NEJMoa1702079. PMID: 28514601

11. [Bystander Efforts and 1-Year Outcomes in Out-of-Hospital Cardiac Arrest.](#)

Kragholm K, Wissenberg M, Mortensen RN, Hansen SM, Malta Hansen C, Thorsteinsson K, Rajan S, Lippert F, Folke F, Gislason G, Køber L, Fonager K, Jensen SE, Gerds TA, Torp-Pedersen C, Rasmussen BS.

N Engl J Med. 2017 May 4;376(18):1737-1747. doi: 10.1056/NEJMoa1601891. PMID: 28467879

12. [Levosimendan in Patients with Left Ventricular Dysfunction Undergoing Cardiac Surgery.](#)

Mehta RH, Leimberger JD, van Diepen S, Meza J, Wang A, Jankowich R, Harrison RW, Hay D, Femes S, Duncan A, Soltesz EG, Lubner J, Park S, Argenziano M, Murphy E, Marcel R, Kalavrouziotis D, Nagpal D, Bozinovski J, Toller W, Heringlake M, Goodman SG, Levy JH, Harrington RA, Anstrom KJ, Alexander JH; LEVO-CTS Investigators..

N Engl J Med. 2017 May 25;376(21):2032-2042. doi: 10.1056/NEJMoa1616218. Epub 2017 Mar 19.

PMID:28316276

JAMA, ICM

13. [Targeted temperature management after intraoperative cardiac arrest: a multicenter retrospective study.](#)

Constant AL, Mongardon N, Morelot Q, Pichon N, Grimaldi D, Bordenave L, Soummer A, Sauneuf B, Merceron S, Ricome S, Missot B, Bruel C, Schnell D, Boisramé-Helms J, Dubuisson E, Brunet J, Lasocki S, Cronier P, Bouhemad B, Carreira S, Begot E, Vandembunder B, Dhonneur G, Jullien P, Resche-Rigon M, Bedos JP, Montlahuc C, Legriel S.

Intensive Care Med. 2017 Apr;43(4):485-495. doi: 10.1007/s00134-017-4709-0. Epub 2017 Feb 20. PMID:28220232

14. [Clinical characteristics and predictors of mortality in cirrhotic patients with candidemia and intra-abdominal candidiasis: a multicenter study.](#)

Bassetti M, Peghin M, Carnelutti A, Righi E, Merelli M, Ansaldi F, Trucchi C, Alicino C, Sartor A, Toniutto P, Wauters J, Laleman W, Tascini C, Menichetti F, Luzzati R, Brugnaro P, Mesini A, Raviolo S, De Rosa FG, Lagunes L, Rello J, Dimopoulos G, Colombo AL, Nucci M, Vena A, Bouza E, Muñoz P, Tumbarello M, Losito R, Martin-Loeches I, Viscoli C.

Intensive Care Med. 2017 Apr;43(4):509-518. doi: 10.1007/s00134-017-4717-0. Epub 2017 Mar 7. PMID:28271321

15. [Effect of a condolence letter on grief symptoms among relatives of patients who died in the ICU: a randomized clinical trial.](#)

Kentish-Barnes N, Chevret S, Champigneulle B, Thirion M, Souppart V, Gilbert M, Lesieur O, Renault A, Garrouste-Orgeas M, Argaud L, Venot M, Demoule A, Guisset O, Vinatier I, Troché G, Massot J, Jaber S, Bornstain C, Gaday V, Robert R, Rigaud JP, Cinotti R, Adda M, Thomas F, Calvet L, Galon M, Cohen-Solal Z, Cariou A, Azoulay E; Famirea Study Group.

Intensive Care Med. 2017 Apr;43(4):473-484. doi: 10.1007/s00134-016-4669-9. Epub 2017 Feb 14. PMID:28197680

BMJ, LANCET

16. [Routine molecular point-of-care testing for respiratory viruses in adults presenting to hospital with acute respiratory illness \(ResPOC\): a pragmatic, open-label, randomised controlled trial.](#)

Brendish NJ, Malachira AK, Armstrong L, Houghton R, Aitken S, Nyimbili E, Ewings S, Lillie PJ, Clark TW.

Lancet Respir Med. 2017 May;5(5):401-411. doi: 10.1016/S2213-2600(17)30120-0. Epub 2017 Apr 6. PMID:28392237

17. [Selection of patients for intra-arterial treatment for acute ischaemic stroke: development and validation of a clinical decision tool in two randomised trials.](#)

Venema E, Mulder MJHL, Roozenbeek B, Broderick JP, Yeatts SD, Khatri P, Berkhemer OA, Emmer BJ, Roos YBWEM, Majoie CBLM, van Oostenbrugge RJ, van Zwam WH, van der Lugt A, Steyerberg EW, Dippel DWJ, Lingsma HF.

BMJ. 2017 May 3;357:j1710. doi: 10.1136/bmj.j1710. PMID:28468840

18. [Antibiotic prescription strategies and adverse outcome for uncomplicated lower respiratory tract infections: prospective cough complication cohort \(3C\) study.](#)

Little P, Stuart B, Smith S, Thompson MJ, Knox K, van den Bruel A, Lown M, Moore M, Mant D. BMJ. 2017 May 22;357:j2148. doi: 10.1136/bmj.j2148. PMID:28533265

Circulation

19. [Cardiac Outcomes After Ischemic Stroke or Transient Ischemic Attack: Effects of Pioglitazone in Patients With Insulin Resistance Without Diabetes Mellitus.](#)

Young LH, Viscoli CM, Curtis JP, Inzucchi SE, Schwartz GG, Lovejoy AM, Furie KL, Gorman MJ, Conwit R, Abbott JD, Jacoby DL, Kolansky DM, Pfau SE, Ling FS, Kernan WN; IRIS Investigators..

Circulation. 2017 May 16;135(20):1882-1893. doi: 10.1161/CIRCULATIONAHA.116.024863. Epub 2017 Feb 28. PMID:28246237

20. [Serial Measurement of High-Sensitivity Troponin I and Cardiovascular Outcomes in Patients With Type 2 Diabetes Mellitus in the EXAMINE Trial \(Examination of Cardiovascular Outcomes With Alogliptin Versus Standard of Care\).](#)

Cavender MA, White WB, Jarolim P, Bakris GL, Cushman WC, Kupfer S, Gao Q, Mehta CR, Zannad F, Cannon CP, Morrow DA.

Circulation. 2017 May 16;135(20):1911-1921. doi: 10.1161/CIRCULATIONAHA.116.024632. Epub 2017 Feb 28. PMID:28246236

21. [Cardiovascular Outcome Trials in Patients With Advanced Kidney Disease: Time for Action.](#)

Zannad F, Rossignol P.

Circulation. 2017 May 9;135(19):1769-1771. doi: 10.1161/CIRCULATIONAHA.117.027338. No abstract available. PMID:28483826

Critical Care

22. [Early EEG for outcome prediction of postanoxic coma: prospective cohort study with cost-minimization analysis.](#)

Sondag L, Ruijter BJ, Tjepkema-Cloostermans MC, Beishuizen A, Bosch FH, van Til JA, van Putten MJAM, Hofmeijer J.

Crit Care. 2017 May 15;21(1):111. doi: 10.1186/s13054-017-1693-2. PMID:28506244

23. [Time course of blood lactate levels, inflammation, and mitochondrial function in experimental sepsis.](#)

Corrêa TD, Pereira AJ, Brandt S, Vuda M, Djafarzadeh S, Takala J, Jakob SM.

Crit Care. 2017 May 12;21(1):105. doi: 10.1186/s13054-017-1691-4. PMID: 28499395

24. [Myocardial and haemodynamic responses to two fluid regimens in African children with severe malnutrition and hypovolaemic shock \(AFRIM study\).](#)

Obonyo N, Brent B, Olupot-Olupot P, Boele van Hensbroek M, Kuipers I, Wong S, Shiino K, Chan J, Fraser J, van Woensel JBM, Maitland K.

Crit Care. 2017 May 3;21(1):103. doi: 10.1186/s13054-017-1679-0.PMID:28468633

Intensive Care

25. [Value of Serum Cholinesterase Activity in the Diagnosis of Septic Shock Due to Bacterial Infections.](#)

Bahloul M, Baccouch N, Chtara K, Turki M, Turki O, Hamida CB, Chelly H, Ayedi F, Chaari A, Bouaziz M.

J Intensive Care Med. 2017 Jun;32(5):346-352. doi: 10.1177/0885066616636549. Epub 2016 Mar 7.PMID:26951579

26. [Acute Respiratory Distress Syndrome: Mortality in a Single Center According to Different Definitions.](#)

Santa Cruz R, Alvarez LV, Heredia R, Villarejo F.

J Intensive Care Med. 2017 Jun;32(5):326-332. doi: 10.1177/0885066615608159. Epub 2015 Oct 5.PMID:26438417

27. [In-Hospital Management and Follow-Up Treatment of Venous Thromboembolism: Focus on New and Emerging Treatments.](#)

Lenchus JD, Biehl M, Cabrera J, Moraes AG, Dezfulian C.

J Intensive Care Med. 2017 Jun;32(5):299-311. doi: 10.1177/0885066616648265. Epub 2016 May 13.PMID:27179058

Critical Care Medicine

28. [Generalizable Biomarkers in Critical Care: Toward Precision Medicine.](#)

Sweeney TE, Khatri P.

Crit Care Med. 2017 Jun;45(6):934-939. doi: 10.1097/CCM.0000000000002402. No abstract available.

PMID:28509729

29. [The Septic Shock 3.0 Definition and Trials: A Vasopressin and Septic Shock Trial Experience.](#)

Russell JA, Lee T, Singer J, Boyd JH, Walley KR; Vasopressin and Septic Shock Trial (VASST) Group.

Crit Care Med. 2017 Jun;45(6):940-948. doi: 10.1097/CCM.0000000000002323. PMID:28333757

30. [The Association Between Visiting Intensivists and ICU Outcomes.](#)

Whitehouse T, Hodson J, Pemberton P, Veenith T, Snelson C, Bion J, Rubenfeld GD.

Crit Care Med. 2017 Jun;45(6):949-955. doi: 10.1097/CCM.0000000000002373.

PMID:28398923