

## **TOP CC project ARTICLES FOR July 2016**

AJRCM

### 1. Five-Year Mortality and Hospital Costs Associated with Surviving Intensive Care.

Lone NI, Gillies MA, Haddow C, Dobbie R, Rowan KM, Wild SH, Murray GD, Walsh TS.

Am J Respir Crit Care Med. 2016 Jul 15;194(2):198-208. doi: 10.1164/rccm.201511-2234OC. PMID: 26815887

### 2. Long-Term Mortality and Major Adverse Cardiovascular Events in Sepsis Survivors. A Nationwide Population-based Study.

Ou SM, Chu H, Chao PW, Lee YJ, Kuo SC, Chen TJ, Tseng CM, Shih CJ, Chen YT.

Am J Respir Crit Care Med. 2016 Jul 15;194(2):209-17. doi: 10.1164/rccm.201510-2023OC. PMID: 26808711

### 3. Inflammation and Organ Failure Severely Affect Midazolam Clearance in Critically Ill Children.

Vet NJ, Brussee JM, de Hoog M, Mooij MG, Verlaat CW, Jerchel IS, van Schaik RH, Koch BC, Tibboel D, Knibbe CA, de Wildt SN; SKIC (Dutch collaborative PICU research network).

Am J Respir Crit Care Med. 2016 Jul 1;194(1):58-66. doi: 10.1164/rccm.201510-2114OC. PMID: 26796541

Trauma/Acute Care Surgery

### 4. Initial safety and feasibility of cold-stored uncrossmatched whole blood transfusion in civilian trauma patients.

Yazer MH, Jackson B, Sperry JL, Alarcon L, Triulzi DJ, Murdock AD.

J Trauma Acute Care Surg. 2016 Jul;81(1):21-6. doi: 10.1097/TA.0000000000001100. PMID: 27120323

### 5. Suction evacuation of hemothorax: A prospective study.

Savage SA, Cibulas GA 2nd, Ward TA, Davis CA, Croce MA, Zarzaur BL.

J Trauma Acute Care Surg. 2016 Jul;81(1):58-62. doi: 10.1097/TA.0000000000001099. PMID: 27120322

### 6. How long should we fear? Long-term risk of venous thromboembolism in patients with traumatic brain injury.

Olufajo OA, Yorkgitis BK, Cooper Z, Rios-Diaz A, Metcalfe D, Havens JM, Kelly E, Haider AH, Gates JD, Salim A.

J Trauma Acute Care Surg. 2016 Jul;81(1):71-8. doi: 10.1097/TA.0000000000001046. PMID: 27015575

CHEST

7. [Treprostinil Administered to Treat Pulmonary Arterial Hypertension Using a Fully Implantable Programmable Intravascular Delivery System: Results of the DelIVery for PAH Trial.](#)

Bourge RC, Waxman AB, Gomberg-Maitland M, Shapiro SM, Tarver JH 3rd, Zwicke DL, Feldman JP, Chakinala MM, Frantz RP, Torres F, Cerkvenik J, Morris M, Thalin M, Peterson L, Rubin LJ.

Chest. 2016 Jul;150(1):27-34. doi: 10.1016/j.chest.2015.11.005. Epub 2016 Jan 13. PMID: 27396777

8. [Protective Cardiovascular Effect of Sleep Apnea Severity in Obesity Hypoventilation Syndrome.](#)

Masa JF, Corral J, Romero A, Caballero C, Terán-Santos J, Alonso-Álvarez ML, Gomez-Garcia T, González M, López-Martín S, De Lucas P, Marin JM, Marti S, Díaz-Cambriles T, Chiner E, Merchan M, Egea C, Obeso A, Mokhlesi B; Spanish Sleep Network(\*).

Chest. 2016 Jul;150(1):68-79. doi: 10.1016/j.chest.2016.02.647. Epub 2016 Feb 27. PMID: 26923627

9. [B-Type Natriuretic Peptide, Aldosterone, and Fluid Management in ARDS.](#)

Semler MW, Marney AM, Rice TW, Nian H, Yu C, Wheeler AP, Brown NJ; NIH NHLBI ARDS Network.

Chest. 2016 Jul;150(1):102-11. doi: 10.1016/j.chest.2016.03.017. Epub 2016 Mar 23. PMID: 27018313

NEJM

10. [Initiation Strategies for Renal-Replacement Therapy in the Intensive Care Unit.](#)

Gaudry S, Hajage D, Schortgen F, Martin-Lefevre L, Pons B, Boulet E, Boyer A, Chevrel G, Lerolle N, Carpentier D, de Prost N, Lautrette A, Bretagnol A, Mayaux J, Nseir S, Megarbane B, Thirion M, Forel JM, Maizel J, Yonis H, Markowicz P, Thiery G, Tubach F, Ricard JD, Dreyfuss D; AKIKI Study Group.

N Engl J Med. 2016 Jul 14;375(2):122-33. doi: 10.1056/NEJMoa1603017. Epub 2016 May 15. PMID: 27181456

11. [Ventricular Tachycardia Ablation versus Escalation of Antiarrhythmic Drugs.](#)

Sapp JL, Wells GA, Parkash R, Stevenson WG, Blier L, Sarrazin JF, Thibault B, Rivard L, Gula L, Leong-Sit P, Essebag V, Nery PB, Tung SK, Raymond JM, Sterns LD, Veenhuyzen GD, Healey JS, Redfearn D, Roux JF, Tang AS.

N Engl J Med. 2016 Jul 14;375(2):111-21. doi: 10.1056/NEJMoa1513614. Epub 2016 May 5 PMID: 27149033

## 12. Von Willebrand Factor Multimers during Transcatheter Aortic-Valve Replacement.

Van Belle E, Rauch A, Vincent F, Robin E, Kibler M, Labreuche J, Jeanpierre E, Levade M, Hurt C, Rousse N, Dally JB, Debry N, Dallongeville J, Vincentelli A, Delhay C, Auffray JL, Juthier F, Schurtz G, Lemesle G, Caspar T, Morel O, Dumonteil N, Duhamel A, Paris C, Dupont-Prado A, Legendre P, Mouquet F, Marchant B, Hermoire S, Corseaux D, Moussa K, Manchuelle A, Bauchart JJ, Loobuyck V, Caron C, Zawadzki C, Leroy F, Bodart JC, Staels B, Goudemand J, Lenting PJ, Susen S.

N Engl J Med. 2016 Jul 28;375(4):335-44. doi: 10.1056/NEJMoa1505643. PMID: 27464202

JAMA

## 13 Effect of Aspirin on Development of ARDS in At-Risk Patients Presenting to the Emergency Department: The LIPS-A Randomized Clinical Trial.

Kor DJ, Carter RE, Park PK, Festic E, Banner-Goodspeed VM, Hinds R, Talmor D, Gajic O, Ware LB, Gong MN; US Critical Illness and Injury Trials Group: Lung Injury Prevention with Aspirin Study Group (USCIITG: LIPS-A).

JAMA. 2016 Jun 14;315(22):2406-14. doi: 10.1001/jama.2016.6330. PMID: 27179988

## 14 Effect of Palliative Care-Led Meetings for Families of Patients With Chronic Critical Illness: A Randomized Clinical Trial.

Carson SS, Cox CE, Wallenstein S, Hanson LC, Danis M, Tulskey JA, Chai E, Nelson JE.

JAMA. 2016 Jul 5;316(1):51-62. doi: 10.1001/jama.2016.8474. PMID:27380343

## 15 Effect of Noninvasive Ventilation Delivered by Helmet vs Face Mask on the Rate of Endotracheal Intubation in Patients With Acute Respiratory Distress Syndrome: A Randomized Clinical Trial.

Patel BK, Wolfe KS, Pohlman AS, Hall JB, Kress JP.

JAMA. 2016 Jun 14;315(22):2435-41. doi: 10.1001/jama.2016.6338. PMID: 27179847

BMJ, LANCET

## 16 Long term survival with stereotactic ablative radiotherapy (SABR) versus thoracoscopic sublobar lung resection in elderly people: national population based study with propensity matched comparative analysis.

Paul S, Lee PC, Mao J, Isaacs AJ, Sedrakyan A.

BMJ. 2016 Jul 8;354:i3570. doi: 10.1136/bmj.i3570. PMID:27400862

17. [Dupilumab efficacy and safety in adults with uncontrolled persistent asthma despite use of medium-to-high-dose inhaled corticosteroids plus a long-acting  \$\beta\$ 2 agonist: a randomised double-blind placebo-controlled pivotal phase 2b dose-ranging trial.](#)

Wenzel S, Castro M, Corren J, Maspero J, Wang L, Zhang B, Pirozzi G, Sutherland ER, Evans RR, Joish VN, Eckert L, Graham NM, Stahl N, Yancopoulos GD, Louis-Tisserand M, Teper A.

Lancet. 2016 Jul 2;388(10039):31-44. doi: 10.1016/S0140-6736(16)30307-5. Epub 2016 Apr 27. PMID: 27130691

18. [Effects of aspirin on risk and severity of early recurrent stroke after transient ischaemic attack and ischaemic stroke: time-course analysis of randomised trials.](#)

Rothwell PM, Algra A, Chen Z, Diener HC, Norrving B, Mehta Z.

Lancet. 2016 May 18. pii: S0140-6736(16)30468-8. doi: 10.1016/S0140-6736(16)30468-8. [Epub ahead of print]

PMID:27209146

Circulation

19 [Management of Bleeding With Non-Vitamin K Antagonist Oral Anticoagulants in the Era of Specific Reversal Agents.](#)

Ruff CT, Giugliano RP, Antman EM.

Circulation. 2016 Jul 19;134(3):248-61. doi: 10.1161/CIRCULATIONAHA.116.021831. PMID: 27436881

20 [On-Treatment Outcomes in Patients With Worsening Renal Function With Rivaroxaban Compared With Warfarin: Insights From ROCKET AF.](#)

Fordyce CB, Hellkamp AS, Lokhnygina Y, Lindner SM, Piccini JP, Becker RC, Berkowitz SD, Breithardt G, Fox KA, Mahaffey KW, Nessel CC, Singer DE, Patel MR; ROCKET AF Steering Committee and Investigators.

Circulation. 2016 Jul 5;134(1):37-47. doi: 10.1161/CIRCULATIONAHA.116.021890. PMID: 27358435

21 [Renal Function in Atrial Fibrillation: A Multifaceted Dilemma.](#)

Hijazi Z, Wallentin L.

Circulation. 2016 Jul 5;134(1):48-51. doi: 10.1161/CIRCULATIONAHA.116.022994. No abstract available.

PMID: 27358436

Critical Care

22 [Benefit profile of anticoagulant therapy in sepsis: a nationwide multicentre registry in Japan.](#)

Yamakawa K, Umemura Y, Hayakawa M, Kudo D, Sanui M, Takahashi H, Yoshikawa Y, Hamasaki T, Fujimi S; Japan Septic Disseminated Intravascular Coagulation (J-Septic DIC) study group.

Crit Care. 2016 Jul 29;20(1):229. PMID: 27472991

23 [Mechanical ventilation strategies for intensive care unit patients without acute lung injury or acute respiratory distress syndrome: a systematic review and network meta-analysis.](#)

Guo L, Wang W, Zhao N, Guo L, Chi C, Hou W, Wu A, Tong H, Wang Y, Wang C, Li E.

Crit Care. 2016 Jul 22;20(1):226. doi: 10.1186/s13054-016-1396-0. PMID: 27448995

24 [The intensive care infection score - a novel marker for the prediction of infection and its severity.](#)

van der Geest PJ, Mohseni M, Linssen J, Duran S, de Jonge R, Groeneveld AB.

Crit Care. 2016 Jul 7;20(1):180. doi: 10.1186/s13054-016-1366-6. PMID: 27384242

Intensive Care

25 [Posttraumatic stress symptoms in families of cancer patients admitted to the intensive care unit: a longitudinal study.](#)

Komachi MH, Kamibeppu K.

J Intensive Care. 2016 Jul 20;4:47. doi: 10.1186/s40560-016-0162-3. eCollection 2016. PMID: 27446590

26 [Recombinant human thrombomodulin inhibits neutrophil extracellular trap formation in vitro.](#)

Shimomura Y, Suga M, Kuriyama N, Nakamura T, Sakai T, Kato Y, Hara Y, Yamashita C, Nagasaki H, Kaneki M, Nishida O.

J Intensive Care. 2016 Jul 22;4:48. doi: 10.1186/s40560-016-0177-9. eCollection 2016. PMID: 27453785

27 [Unmeasured anions and mortality in critically ill patients in 2016.](#)

Kotake Y.

J Intensive Care. 2016 Jul 15;4:45. doi: 10.1186/s40560-016-0171-2. eCollection 2016. PMID: 27429758

Critical Care Medicine

28. [Hospital Variation in Early Tracheostomy in the United States: A Population-Based Study.](#)

Mehta AB1, Cooke CR, Wiener RS, Walkey AJ.

Crit Care Med. 2016 Aug;44(8):1506-14. doi: 10.1097/CCM.0000000000001674. PMID: 27031382

29. [Long-Term Quality of Life Among Survivors of Severe Sepsis: Analyses of Two International Trials.](#)

Yende S1, Austin S, Rhodes A, Finfer S, Opal S, Thompson T, Bozza FA, LaRosa SP, Ranieri VM, Angus DC.

Crit Care Med. 2016 Aug;44(8):1461-7. doi: 10.1097/CCM.0000000000001658. PMID: 26992066

30. [Low Tidal Volume Ventilation Use in Acute Respiratory Distress Syndrome.](#)

Weiss CH, Baker DW, Weiner S, Bechel M, Ragland M,

Crit Care Med. 2016 Aug;44(8):1515-22. doi: 10.1097/CCM.0000000000001710. PMID: 27035237