

TOP ARTICLES FOR MARCH 2016 (with weblink and doi)

1. [Dynamic light application therapy to reduce the incidence and duration of delirium in intensive-care patients: a randomised controlled trial.](#)

Simons KS, Laheij RJ, van den Boogaard M, Moviat MA, Paling AJ, Polderman FN, Rozendaal FW, Salet GA, van der Hoeven JG, Pickkers P, de Jager CP.

Lancet Respir Med. 2016 Mar;4(3):194-202. doi: 10.1016/S2213-2600(16)00025-4. Epub 2016 Feb 16.

PMID:26895652

2. [Rosuvastatin versus placebo for delirium in intensive care and subsequent cognitive impairment in patients with sepsis-associated acute respiratory distress syndrome: an ancillary study to a randomised controlled trial.](#)

Needham DM, Colantuoni E, Dinglas VD, Hough CL, Wozniak AW, Jackson JC, Morris PE, Mendez-Tellez PA, Ely EW, Hopkins RO.

Lancet Respir Med. 2016 Mar;4(3):203-12. doi: 10.1016/S2213-2600(16)00005-9. Epub 2016 Jan 29.

PMID: 26832963

3. [Short-term and long-term response to pulmonary exacerbation treatment in cystic fibrosis.](#)

Heltshe SL, Goss CH, Thompson V, Sagel SD, Sanders DB, Marshall BC, Flume PA.

Thorax. 2016 Mar;71(3):223-9. doi: 10.1136/thoraxjnl-2014-206750. Epub 2015 Apr 24.

PMID: 25911223

4. [The Association between Smoking Abstinence and Mortality in the National Lung Screening Trial.](#)

Tanner NT, Kanodra NM, Gebregziabher M, Payne E, Halbert CH, Warren GW, Egede LE, Silvestri GA. Am J Respir Crit Care Med. 2016 Mar 1;193(5):534-41. doi: 10.1164/rccm.201507-

14200C.PMID:26502000

5. [Early High-Frequency Oscillatory Ventilation in Pediatric Acute Respiratory Failure. A Propensity Score Analysis.](#)

Bateman ST, Borasino S, Asaro LA, Cheifetz IM, Diane S, Wypij D, Curley MA; RESTORE Study Investigators. Am J Respir Crit Care Med. 2016 Mar 1;193(5):495-503.

doi: 10.1164/rccm.201507-1381OC. PMID: 26492410

6. [Outcome of Patients with Interstitial Lung Disease Treated with Extracorporeal Membrane Oxygenation for Acute Respiratory Failure.](#)

Trudzinski FC, Kaestner F, Schäfers HJ, Fährndrich S, Seiler F, Böhmer P, Linn O, Kaiser R, Haake H, Langer F, Bals R, Wilkens H,

Lepper PM. Am J Respir Crit Care Med. 2016 Mar 1;193(5):527-33. doi: 10.1164/rccm.201508-1701OC. PMID: 26492547

7. [Preventing ICU Subsyndromal Delirium Conversion to Delirium With Low-Dose IV Haloperidol: A Double-Blind, Placebo-Controlled Pilot Study.](#) Al-Qadheeb NS, Skrobik Y, Schumaker G, Pacheco MN, Roberts RJ, Ruthazer RR, Devlin JW. Crit Care Med. 2016 Mar;44(3):583-91. doi: 10.1097/CCM.0000000000001411. PMID: 26540397

8. [Comparison Between Neurally Adjusted Ventilatory Assist and Pressure Support Ventilation Levels in Terms of Respiratory Effort.](#) Carteaux G, Córdoba-Izquierdo A, Lyazidi A, Heunks L, Thille AW, Brochard L. Crit Care Med. 2016 Mar;44(3):503-11. doi: 10.1097/CCM.0000000000001418. PMID: 26540399

9. [Changes in Therapeutic Hypothermia and Coronary Intervention Provision and In-Hospital Mortality of Patients With Out-of-Hospital Cardiac Arrest: A Nationwide Database Study.](#) Tagami T, Matsui H, Fushimi K, Yasunaga H. Crit Care Med. 2016 Mar;44(3):488-95. doi: 10.1097/CCM.0000000000001401. PMID: 26496447

10. [Body mass index strongly impacts the diagnosis and incidence of heparin-induced thrombocytopenia in the surgical intensive care unit.](#) Bloom MB, Zaw AA, Hoang DM, Mason R, Alban RF, Chung R, Melo N, Volod O, Ley EJ, Margulies DR. J Trauma Acute Care Surg. 2016 Mar;80(3):398-404. doi: 10.1097/TA.0000000000000952. PMID: 26906645

11. [The Massive Transfusion Score as a decision aid for resuscitation: Learning when to turn the massive transfusion protocol on and off.](#) Callcut RA, Cripps MW, Nelson MF, Conroy AS, Robinson BB, Cohen MJ. J Trauma Acute Care Surg. 2016 Mar;80(3):450-6. doi: 10.1097/TA.0000000000000914. PMID: 26517786

12. [Timing of withdrawal of life-sustaining therapies in severe traumatic brain injury: Impact on overall mortality.](#) McCredie VA, Alali AS, Xiong W, Rubenfeld GD, Cuthbertson BH, Scales DC, Nathens AB. J Trauma Acute Care Surg. 2016 Mar;80(3):484-91. doi: 10.1097/TA.0000000000000922. PMID: 26595711

13. [Prediction of Mortality in Pulmonary Embolism Based on Left Atrial Volume Measured on CT Pulmonary Angiography.](#) Aviram G, Soikher E, Bendet A, Shmueli H, Ziv-Baran T, Amitai Y, Friedensohn L, Berliner S, Meilik A, Topilsky Y. Chest. 2016 Mar;149(3):667-75. doi: 10.1378/chest.15-0666. Epub 2016 Jan 12. PMID: 26356029

14. [The Frequency and Prognostic Impact of Pathological Microscopic Vascular Invasion According to Tumor Size in Non-Small Cell Lung Cancer.](#) Shimada Y, Saji H, Kato Y, Kudo Y, Maeda J, Yoshida K, Hagiwara M, Matsubayashi J, Kakihana M, Kajiwara N, Ohira T, Ikeda N. Chest. 2016 Mar;149(3):775-85. doi: 10.1378/chest.15-0559. Epub 2016 Jan 12. PMID: 26379115
15. [Drug Treatment of Idiopathic Pulmonary Fibrosis: Systematic Review and Network Meta-Analysis.](#) Canestaro WJ, Forrester SH, Raghu G, Ho L, Devine BE. Chest. 2016 Mar;149(3):756-66. doi: 10.1016/j.chest.2015.11.013. Epub 2016 Jan 13. PMID: 26836914
16. [Randomized Trial of Longer-Term Therapy for Symptoms Attributed to Lyme Disease.](#) Berende A, ter Hofstede HJ, Vos FJ, van Middendorp H, Vogelaar ML, Tromp M, van den Hoogen FH, Donders AR, Evers AW, Kullberg BJ. N Engl J Med. 2016 Mar 31;374(13):1209-20. doi: 10.1056/NEJMoa1505425. PMID: 27028911
17. [Early versus Late Parenteral Nutrition in Critically Ill Children.](#) Fivez T, Kerklaan D, Mesotten D, Verbruggen S, Wouters PJ, Vanhorebeek I, Debaveye Y, Vlasselaers D, Desmet L, Casaer MP, Garcia Guerra G, Hanot J, Joffe A, Tibboel D, Joosten K, Van den Berghe G. N Engl J Med. 2016 Mar 24;374(12):1111-22. doi: 10.1056/NEJMoa1514762. Epub 2016 Mar 15. PMID: 26975590
18. [Long-Term Results of Stenting versus Endarterectomy for Carotid-Artery Stenosis.](#) Brott TG, Howard G, Roubin GS, Meschia JF, Mackey A, Brooks W, Moore WS, Hill MD, Mantese VA, Clark WM, Timaran CH, Heck D, Leimgruber PP, Sheffet AJ, Howard VJ, Chaturvedi S, Lal BK, Voeks JH, Hobson RW 2nd; CREST Investigators. N Engl J Med. 2016 Mar 17;374(11):1021-31. doi: 10.1056/NEJMoa1505215. Epub 2016 Feb 18. PMID: 26890472
19. [Higher versus lower blood pressure targets for vasopressor therapy in shock: a multicentre pilot randomized controlled trial.](#) Lamontagne F, Meade MO, Hébert PC, Asfar P, Lauzier F, Seely AJ, Day AG, Mehta S, Muscedere J, Bagshaw SM, Ferguson ND, Cook DJ, Kanji S, Turgeon AF, Herridge MS, Subramanian S, Lacroix J, Adhikari NK, Scales DC, Fox-Robichaud A, Skrobik Y, Whitlock RP, Green RS, Koo KK, Tanguay T, Magder S, Heyland DK; Canadian Critical Care Trials Group. Intensive Care Med. 2016 Apr;42(4):542-50. doi: 10.1007/s00134-016-4237-3. Epub 2016 Feb 18. PMID: 26891677
20. [Pre-morbid glycemic control modifies the interaction between acute hypoglycemia and mortality.](#) Egi M, Krinsley JS, Maurer P, Amin DN, Kanazawa T, Ghandi S, Morita K, Bailey M, Bellomo R. Intensive Care Med. 2016 Apr;42(4):562-71. doi: 10.1007/s00134-016-4216-8. Epub 2016 Feb 3. PMID: 26846519
21. [Plasma levels of danger-associated molecular patterns are associated with immune suppression in trauma patients.](#) Timmermans K, Kox M, Vaneker M, van den Berg M, John A,

van Laarhoven A, van der Hoeven H, Scheffer GJ, Pickkers P. Intensive Care Med. 2016 Apr;42(4):551-61. doi: 10.1007/s00134-015-4205-3. Epub 2016 Feb 24. PMID: 26912315

22. [The association between lactate, mean arterial pressure, central venous oxygen saturation and peripheral temperature and mortality in severe sepsis: a retrospective cohort analysis.](#)

Houwink AP, Rijkenberg S, Bosman RJ, van der Voort PH. Crit Care. 2016 Mar 12;20(1):56. doi: 10.1186/s13054-016-1243-3. PMID: 26968689

23. [Correlation of maximal inspiratory pressure to transdiaphragmatic twitch pressure in intensive care unit patients.](#)

Supinski GS, Westgate P, Callahan LA. Crit Care. 2016 Mar 23;20(1):77. PMID: 27036885

24. [The influence of corticosteroid treatment on the outcome of influenza A\(H1N1pdm09\)-related critical illness.](#)

Delaney JW, Pinto R, Long J, Lamontagne F, Adhikari NK, Kumar A, Marshall JC, Cook DJ, Jouviet P, Ferguson ND, Griesdale D, Burry LD, Burns KE, Hutchison J, Mehta S, Menon K, Fowler RA; Canadian Critical Care Trials Group H1N1 Collaborative. Crit Care. 2016 Mar 30;20(1):75. PMID:27036638