

Publications based on ANZICS Registry data

ICU Admissions for Sepsis or Pneumonia in Australia and New Zealand in 2017. Burrell A, Huckson S, Pilcher DV; ANZICS. N Engl J Med. 2018 May 31;378(22):2138-2139.

Adverse outcomes after planned surgery with anticipated intensive care admission in out-of-office-hours time periods: a multicentre cohort study. Morgan DJ, Ho KM, Kolybaba ML, Ong YJ; ANZICS Centre for Outcome and Resource Evaluation. Br J Anaesth. 2018 Jun;120(6):1420-1428.

The Melbourne epidemic thunderstorm asthma event 2016: an investigation of environmental triggers, effect on health services, and patient risk factors. Thien F, Beggs PJ, Csutoros D, Darvall J, Hew M, Davies JM, et al. Lancet Planet Health. 2018 Jun;2(6)

Early Hyperoxia in Patients with Traumatic Brain Injury Admitted to Intensive Care in Australia and New Zealand: A Retrospective Multicenter Cohort Study. Ó Briain D, Nickson C, Pilcher DV, Udy AA. Neurocrit Care. 2018 Jun 8.

Sample size calculations for cluster randomised crossover trials in Australian and New Zealand intensive care research. Arnup SJ, McKenzie JE, Pilcher D, Bellomo R, Forbes AB. Crit Care Resusc. 2018 Jun;20(2):117-123.

Hypercapnia and hypercapnic acidosis in sepsis: harmful, beneficial or unclear? Tiruvoipati R, Gupta S, Pilcher D, Bailey M. Crit Care Resusc. 2018 Jun;20(2):94-100.

The systemic inflammatory response syndrome criteria and their differential association with mortality. Kaukonen K-M, Bailey M, Pilcher D, Cooper DJ, Bellomo R. J Crit Care. 2018 Apr 7;46:29-36.

Paediatric sequential organ failure assessment score (pSOFA): a plea for the world-wide collaboration for consensus. Kawasaki T, Shime N, Straney L, Bellomo R, MacLaren G, Pilcher D, et al. Intensive Care Med. 2018 Apr 27;

Effect of a National Standard for Deteriorating Patients on Intensive Care Admissions Due to Cardiac Arrest in Australia. Jones D, Bhasale A, Bailey M, Pilcher D, Anstey MH. Crit Care Med. 2018 Apr;46(4):586-93.

Association of Hypercapnia and Hypercapnic Acidosis With Clinical Outcomes in Mechanically Ventilated Patients With Cerebral Injury. Tiruvoipati R, Pilcher D, Botha J, Buscher H, Simister R, Bailey M. JAMA Neurol. 2018 Mar

Early glycemia and mortality in critically ill septic patients: Interaction with insulin-treated diabetes. Magee F, Bailey M, Pilcher DV, Mårtensson J, Bellomo R. J Crit Care. 2018 Mar 3;45:170-1.

Which organ dysfunction scores to use in children with infection? Leclerc F, Duhamel A, Leteurtre S, Straney L, Bellomo R, MacLaren G, et al. Intensive Care Med. 2018 Mar 22;

Predicting Expected Organ Donor Numbers in Australian Hospitals Outside of the Donate-Life Network Using the Anzics Adult Patient Database. O'Brien Y, Chavan S, Huckson S, Russ G, Opdam H, Pilcher D. Transplantation. 2018 Feb

Characteristics, incidence, and outcome of patients admitted to the intensive care unit with myasthenia gravis. Al-Bassam W, Kubicki M, Bailey M, Walker L, Young P, Pilcher DV, et al. J Crit Care. 2018 Jan 7;45:90-4.

Acute Risk Change: An innovative measure of operative adverse events and perioperative team performance. TG Coulson, B Gregson, S Sandys, S Nashef, S Webb, M Bailey, C Reid, D Pilcher. Journal of Cardiothoracic and Vascular Anesthesia

Patterns of organ donation in children in Australia and New Zealand. Corkery-Lavender T, Millar J, Cavazzoni E, Gelbart B. Crit Care Resusc. 2017 Dec;19(4):296-302.

Patient characteristics, incidence, technique, outcomes and early prediction of tracheostomy in the state of Victoria, Australia. A Casamento, M Bailey, R Robbins, D Pilcher, S Warrillow, A Ghosh, R Bellomo. Journal of critical care 44, Dec 17, 278-284,

Prognostic accuracy of age-adapted SOFA, SIRS, PELOD-2, and qSOFA for in-hospital mortality among children with suspected infection admitted to the intensive care unit.

Schlapbach LJ, Straney L, Bellomo R, MacLaren G, Pilcher D. Intensive Care Med. 2017 Dec 19.

Age and other perioperative risk factors for postoperative systemic inflammatory response syndrome after cardiac surgery.

Dieleman JM, Peelen LM, Coulson TG, Tran L, Reid CM, Smith JA, Myles PS, Pilcher D. British Journal of Anaesthesia 2017 Oct; 119 (4): 637–644

Central line-associated bloodstream infections in Australian ICUs: evaluating modifiable and non-modifiable risks in Victorian healthcare facilities.

Spelman T, Pilcher DV, Cheng AC, Bull AL, Richards MJ, Worth LJ. Epidemiol Infect. 2017 Sep 4:1-9.

Intensity of early correction of hyperglycaemia and outcome of critically ill patients with diabetic ketoacidosis.

Mårtensson J, Bailey M, Venkatesh B, Pilcher D, Deane A, Abdelhamid YA, Crisman M, Verma B, MacIsaac C, Wigmore G, Shehabi Y, Suzuki T, French C, Orford N, Kakho N, Prins J, Ekinci EI, Bellomo R Crit Care Resusc. 2017 Sep;19(3):266-273.

Identification and assessment of potentially high-mortality intensive care units using the ANZICS Centre for Outcome and Resource Evaluation clinical registry.

McClellan K, Mullany D, Huckson S, Lint A van, Chavan S, Hicks P, et al. Crit Care Resusc. 2017 Sep;19(3):230–8.

Understanding the cluster randomised crossover design: a graphical illustration of the components of variation and a sample size tutorial.

Arnup SJ, McKenzie JE, Hemming K, Pilcher D, Forbes AB. Trials. 2017 Aug 15;18(1):381.

Admission to Intensive Care for Palliative Care or Potential Organ Donation: Demographics, Circumstances, Outcomes, and Resource Use.

Melville A, Kolt G, Anderson D, Mitropoulos J, Pilcher D. Crit Care Med. 2017 Aug 11;

Declining mortality in critically ill patients with cirrhosis in Australia and New Zealand between 2000 and 2015.

Majumdar A, Bailey M, Kemp WM, Bellomo R, Roberts SK, Pilcher D. J Hepatol. 2017 Aug 9;

The association between peri-operative acute risk change (ARC) and long-term survival after cardiac surgery.

Coulson TG, Bailey M, Reid CM, Tran L, Mullany DV, Smith JA, et al. Anaesthesia. 2017 Jul 13;