

DCCM Publications July 1st 2024 – June 30th 2025

Publications with department member as first author: 22

Publications with trainee as first author: 4

Publications in high impact journals: 48

1. BALANCE Investigators, for the Canadian Critical Care Trials Group, the Association of Medical Microbiology and Infectious Disease Canada Clinical Research Network, the Australian and New Zealand Intensive Care Society Clinical Trials Group, and the Australasian Society for Infectious Diseases Clinical Research Network; Daneman N, Rishu A, Pinto R, Rogers BA, Shehabi Y, Parke R, Cook D, Arabi Y, Muscedere J, Reynolds S, Hall R, Dwivedi DB, McArthur C, McGuinness S, Yahav D, Coburn B, Geagea A, Das P, Shin P, Detsky M, Morris A, Fralick M, Powis JE, Kandel C, **Sligl W, Bagshaw SM**, Singhal N, Belley-Cote E, Whitlock R, Khwaja K, Morpeth S, Kazemi A, Williams A, MacFadden DR, McIntyre L, Tsang J, Lamontagne F, Carignan A, Marshall J, Friedrich JO, Cirone R, Downing M, Graham C, Davis J, Duan E, Neary J, Evans G, Alraddadi B, Al Johani S, Martin C, Elsayed S, Ball I, Lauzier F, Turgeon A, **Stelfox HT**, Conly J, McDonald EG, Lee TC, Sullivan R, Grant J, Kagan I, Young P, Lawrence C, O'Callaghan K, Eustace M, Choong K, Aslanian P, Buehner U, Havey T, Binnie A, Prazak J, Reeve B, Litton E, Lothar S, Kumar A, Zarychanski R, Hoffman T, Paterson D, Daley P, Commons RJ, Charbonney E, Naud JF, Roberts S, Tiruvoipati R, Gupta S, Wood G, Shum O, Miyakis S, Dodek P, Kwok C, Fowler RA; The BALANCE Investigators, for the Canadian Critical Care Trials Group, the Association of Medical Microbiology and Infectious Disease Canada Clinical Research Network, the Australian and New Zealand Intensive Care Society Clinical Trials Group, and the Australasian Society for Infectious Diseases Clinical Research Network. Antibiotic Treatment for 7 versus 14 Days in Patients with Bloodstream Infections. *N Engl J Med*. 2025 Mar 13;392(11):1065-1078. doi: 10.1056/NEJMoa2404991. Epub 2024 Nov 20. PMID: 39565030.
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3. Turgeon AF, Fergusson DA, Clayton L, Patton MP, Neveu X, Walsh TS, Docherty A, Malbouisson LM, Pili-Floury S, English SW, Zarychanski R, Moore L, Bonaventure PL, Laroche V, Verret M, Scales DC, Adhikari NKJ, Greenbaum J, Kramer A, Rey VG, Ball I, Khwaja K, Wise M, Harvey D, Lamontagne F, Chabanne R, Algird A, Krueper S, Pottecher

J, Zeiler F, Rhodes J, Rigamonti A, Burns KEA, Marshall J, Griesdale DE, Sisonetto LS, **Kutsogiannis DJ**, Roger C, Green R, Boyd JG, Wright J, Charbonney E, Nair P, Astles T, Sy E, Hébert PC, Chassé M, Gomez A, Ramsay T, Taljaard M, Fox-Robichaud A, Tinmouth A, St-Onge M, Costerousse O, Lauzier F; HEMOTION Trial Investigators on behalf of the Canadian Critical Care Trials Group, the Canadian Perioperative Anesthesia Clinical Trials Group, and the Canadian Traumatic Brain Injury Research Consortium. Liberal or Restrictive Transfusion Strategy in Patients with Traumatic Brain Injury. *N Engl J Med*. 2024 Aug 22;391(8):722-735. doi: 10.1056/NEJMoa2404360. Epub 2024 Jun 13. PMID:38869931.

4. MacLaren R, Dionne JC, Granholm A, Alhazzani W, Szumita PM, Olsen K, Barletta JF, Møller MH, **Karvellas CJ**, Wischmeyer P, DePriest A, Carlos V, Argetsinger D, Carothers JJ, Lee R, Napolitano L, Perri D, Naylor DF. Society of Critical Care Medicine and American Society of Health-System Pharmacists Guideline for the Prevention of Stress-Related Gastrointestinal Bleeding in Critically Ill Adults. *Crit Care Med*. 2024 Aug 1;52(8):e421-e430. doi: 10.1097/CCM.0000000000006330. Epub 2024 Jul 15. PMID: 39007578.
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6. Basmaji J, Arntfield R, Desai K, **Lau VI**, Lewis K, Rochweg B, Fiorini K, Honarmand K, Slessarev M, Leligdowicz A, Park B, Prager R, Wong MYS, Jones PM, Ball IM, Orozco N, Meade M, Thabane L, Guyatt G. The Impact of Point-of-Care Ultrasound-Guided Resuscitation on Clinical Outcomes in Patients With Shock: A Systematic Review and Meta-Analysis. *Crit Care Med*. 2024 Nov 1;52(11):1661-1673. doi: 10.1097/CCM.0000000000006399. Epub 2024 Sep 18. PMID: 39298556.
7. Tavares CAM, Azevedo LCP, Rea-Neto Á, Campos NS, Amendola CP, Kozesinski-Nakatani AC, David-João PG, Lobo SM, Filiponi TC, Almeida GMB, Bergo RR, Guimarães-Júnior MRR, Figueiredo RC, Castro JR, Schuler CJ, Westphal GA, Carioca ACR, Monfradini F, Nieri J, Neves FMO, Paulo JA, Albuquerque CSN, Silva MCR, Kosiborod MN, Pereira AJ, Damiani LP, Corrêa TD, Serpa-Neto A, Berwanger O, **Zampieri FG**; DEFENDER Investigators. Dapagliflozin for Critically Ill Patients With Acute Organ Dysfunction: The DEFENDER Randomized Clinical Trial. *JAMA*. 2024 Aug 6;332(5):401-411. doi: 10.1001/jama.2024.10510. PMID: 38873723; PMCID: PMC11304119.
8. Burns KEA, Wong J, Rizvi L, Lafreniere-Roula M, Thorpe K, Devlin JW, Cook DJ, Seely A, Dodek PM, Tanios M, Piraino T, Goukos A, Kiedrowski KC, Kay P, Mitchell S, Merner GW, Mayette M, D'Aragon F, Lamontagne F, Rochweg B, Turgeon A, Sia YT, Charbonney E, Aslanian P, Criner GJ, Hyzy RC, Beitler JR, Kassiss EB, **Kutsogiannis DJ**, Meade MO, Liebler J, Iyer-Kumar S, Tsang J, Cirone R, Shanholtz C, Hill NS; Canadian Critical Care Trials Group. Frequency of Screening and Spontaneous Breathing Trial Techniques: A

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10. **van Diepen S**, Pöss J, **Senaratne JM**, Gage A, Morrow DA. Mixed Cardiogenic Shock: A Proposal for Standardized Classification, a Hemodynamic Definition, and Framework for Management. Circulation. 2024 Oct 29;150(18):1459-1468. doi: 10.1161/CIRCULATIONAHA.124.069508. Epub 2024 Oct 28. PMID: 39466889.
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14. MacLaren R, Dionne JC, Granholm A, Alhazzani W, Szumita PM, Olsen K, Barletta JF, Møller MH, **Karvellas CJ**, Wischmeyer P, DePriest A, Carlos V, Argetsinger D, Carothers JJ, Lee R, Napolitano L, Perri D, Naylor DF. Executive Summary-Society of Critical Care Medicine Guideline and American Society of Health-System Pharmacists for the Prevention of Stress-Related Gastrointestinal Bleeding in Critically Ill Adults. *Crit Care Med.* 2024 Aug 1;52(8):1295-1299. doi: 10.1097/CCM.0000000000006329. Epub 2024 Jul 15. Erratum in: *Crit Care Med.* 2025 Jun 1;53(6):e1350. doi: 10.1097/CCM.0000000000006683. PMID: 39007570.
15. Muscedere J, **Bagshaw SM**, Kho M, Mehta S, Cook DJ, Boyd JG, Sibley S, Wang HT, Archambault PM, Albert M, **Rewa OG**, Ball I, Norman PA, Day AG, Hunt M, Loubani O, Mele T, Sarti AJ, Shahin J; Canadian Critical Care Trials Group. Frailty, Outcomes, Recovery and Care Steps of Critically Ill Patients (FORECAST): a prospective, multi-centre, cohort study. *Intensive Care Med.* 2024 Jul;50(7):1064-1074. doi: 10.1007/s00134-024-07404-9. Epub 2024 May 15. PMID:38748266; PMCID: PMC11245420.
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21. Mazzinari G, **Zampieri FG**, Ball L, Campos NS, Bluth T, Hemmes SNT, Ferrando C, Librero J, Soro M, Pelosi P, Gama de Abreu M, Schultz MJ, Serpa Neto A; for REPEAT on behalf of the PROVHILO, iPROVE, and PROBESE investigators and the PROVE Network investigators. High Positive End-expiratory Pressure (PEEP) with Recruitment Maneuvers versus Low PEEP during General Anesthesia for Surgery: A Bayesian Individual Patient Data Meta-analysis of Three Randomized Clinical Trials. *Anesthesiology*. 2025 Jan 1;142(1):72-97. doi: 10.1097/ALN.0000000000005170. PMID: 39042027.

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