

DONALD E. G. GRIESDALE**CONTACT INFORMATION**

Centre for Clinical Epidemiology & Evaluation
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Expertise: clinical research, clinical epidemiology, critical care

Degrees

MPH **Quantitative Methods.** Harvard School of Public Health
MD University of British Columbia
BSc Hon. **Genetics.** University of British Columbia

Employment

Dec 2023 – present **Assistant Director.** Centre for Clinical Epidemiology & Evaluation,
Vancouver Coastal Health Research Institute
July 2017 – present **Associate Professor.** Department of Anesthesiology, Pharmacology &
Therapeutics, UBC
Jan 2019 – Mar 2021 **Associate Vice-President of Medicine, Quality & Safety.** Vancouver
Coastal Health
July 2012 – June 2017 **Assistant Professor.** Department of Anesthesiology, Pharmacology &
Therapeutics, UBC
Sept 2008 – Present **Staff Intensive Care Physician.** Vancouver General Hospital
Sept 2008 – Present **Staff Anesthesiologist.** Vancouver General Hospital

Selected Publications

1. [Rikhranj KJK](#), Ronsley C, Sekhon MS, Mitra AR, **Griesdale DEG**. High-normal versus low-normal mean arterial pressure thresholds in critically ill patients: a systematic review and meta-analysis of randomized trials. *Can J Anaesth.* 2023 Jun 2. English. doi: 10.1007/s12630-023-02494-3. Epub ahead of print. PMID: 37268800.
2. **Griesdale DEG**, Sekhon MS, Wood MD, Cardim D, Brasher PMA, McCredie V, Sirounis D, Foster D, Krasnogolova Y, Smielewski P, Scales DC, Ainslie PN, Menon DK, Boyd JG, Field TS, Dorian P; Cerebral Oximetry to Assess Cerebral Autoregulation in Hypoxic-Ischemic Brain Injury (CONCEPT) Research Group, on behalf of the Canadian Critical Care Trials Group. Near-Infrared Spectroscopy to Assess Cerebral Autoregulation and Optimal Mean Arterial Pressure in Patients With Hypoxic-Ischemic Brain Injury: A Prospective Multicenter Feasibility Study. *Crit Care Explor.* 2020 Sep 25;2(10):e0217. doi: 10.1097/CCE.0000000000000217. PMID: 33063026; PMCID: PMC7523861. **FA**
3. [Fergusson NA](#), Ahkioon S, Ayas N, Dhingra VK, Chittock DR, Sekhon MS, Mitra AR, **Griesdale DEG**. Association between intensive care unit occupancy at discharge, afterhours discharges, and

clinical outcomes: a historical cohort study. *Can J Anaesth*. 2020 Jul 27. English. doi: 10.1007/s12630-020-01762-w. Epub ahead of print. PMID: 32720255. **SA**

4. *Mitra AR*, Fergusson NA, Lloyd-Smith E, Wormsbecker A, Foster D, Karpov A, Crowe S, Haljan G, Chittock DR, Kanji HD, Sekhon MS, **Griesdale DEG**. Baseline characteristics and outcomes of patients with COVID-19 admitted to intensive care units in Vancouver, Canada: a case series. *CMAJ*. 2020 Jun 29;192(26):E694-E701. doi: 10.1503/cmaj.200794. Epub 2020 May 27. PMID: 32461326. **SA**
5. Bentzer P, **Griesdale DE**, Boyd J, MacLean K, Sirounis, D, Ayas N. Will This Hemodynamically Unstable Patient Respond to a Bolus of Intravenous Fluids? The Rational Clinical Examination Systematic Review. *JAMA*. 2016 Sep 27;316(12):1298-1309. **CA**

Current Research Funding

1. **Griesdale DEG**, Thiara S, Sekhon MS, Silverberg N, Stukas S, Wellington C, Hoiland R, Moien Afshari F, Ainslie P, Brasher PM, Heran M. “Characterization of cerebral blood flow and neurological injury in severe acute respiratory distress syndrome and the implications of venovenous extracorporeal membrane oxygenation” Heart & Stroke Foundation of Canada Grant in Aid. 07/2023 – 06/2026: \$258,230.00
2. Kramer J, **Griesdale DEG**. “Critical care outcomes during the COVID-19 pandemic.” MITACS Accelerate. 05/2022 – 04/2024: \$90,000.
3. **Griesdale DEG**. “Feasibility of multi-domain data acquisition in patients at risk for hypoxic-ischemic brain injury following cardiac arrest: a cohort study (ACQUIRE)”. ZOLL Foundation. 03-2022 – 06/2024: \$45,620 USD.
4. Boyd G, Ball IM, Chasse M, Dukelow S, English S, Fiest KM, Gofton TE, **Griesdale DE**, Maslove D, McCredie VA, Muscedere J, Scales D, Scott S, Slessarev M. “Cerebral Oxygenation and Neurological outcomes Following critical illness (CONFOCAL)-2 study: A prospective observational study assessing the relationship between cerebral oxygenation, delirium, and long-term cognitive outcomes in critically ill patients.”. CIHR. 09/2019 – 09/2024. \$112,000.
5. Sekhon M, Hoiland R, Devine D, Conway E, **Griesdale DE**, Ainslie P, Shih A, Wellington C, Foster D. “Impact of blood transfusion on cerebral blood flow regulation in experimental and pathological brain hypoxia in humans”. 06/2022 – 06/2026. \$80,325.

Selected Honours & Awards

2022, 2020, 2017, 2015	Award for Clinical Teaching Excellence. UBC Division of Critical Care Medicine
2021, 2018, 2017, 2016, 2015, 2010	Master Teacher Award. UBC Department of Anesthesiology, Pharmacology & Therapeutics
2023	Faculty Excellence in Clinical Teaching Honour Roll for postgraduate teaching. UBC Department of Medicine