

Journal Publications – 115 (October 2024)

DOS Surgery
2024

Cardiac Surgery

[Risk score for arch reconstruction under circulatory arrest with hypothermia: The ARCH score.](#)

Guo MH, Stevens LM, Chu MWA, Hage A, Chung J, El-Hamamsy I, Dagenais F, Peterson M, **Herman C**, Bozinovski J, Moon MC, Yamashita MH, Bittira B, Payne D, Boodhwani M; Canadian Thoracic Aortic Collaborative (CTAC). *J Thorac Cardiovasc Surg.* 2024

Feb;167(2):602-608.e2.

[Local Anesthesia for Endovascular Repair of Abdominal Aortic Aneurysm Allows for Accurate Graft Deployment with Durable Results.](#) **Jessula S**, Cote C, Khoury M, DeCarlo C, Bellomo TR,

Grant-Gorveatt A, **Herman C**, **Smith M**, Dua A, Eagleton M, Casey P, Zacharias N. *Ann Vasc Surg.* 2024 May;102:64-73 *

[A formalized shared decision-making process with individualized decision aids for older patients referred for cardiac surgery.](#) Gainer RA, Buth K, Begum J, **Hirsch GM**. *Can J Surg.* 2024 Jan

3;67(1):E7-E15.

[Inter-rater reliability of ACS-NSQIP colorectal procedure coding in Canada.](#)

Xiong Y, **Spence RT**, **Hirsch G**, **Walsh MJ**, **Neumann K**. *Am J Surg.* 2024 Sep;235:115787. *

[High-exchange ULTrafiltration to enhance recovery after paediatric cardiac surgery \(ULTRA\): study protocol for a Canadian double-blinded randomised controlled trial.](#) Bierer J, Stanzel R,

Henderson M, Krmpotic K, Andreou P, Marshall JS, Sapp J, **Horne D**. *BMJ Open.* 2024 Aug 28;14(8):e080597.

General Surgery

[Assessment of guidelines for bariatric and metabolic surgery: a systematic review and evaluation using appraisal of guidelines for research and evaluation II \(AGREE II\).](#) Lee Y, Hircock C,

Dang J, Jung J, Zevin B, Elnahas A, Khamar J, Vergis A, Tahir U, Hardy K, Samarasinghe Y, Gill R, Gu J, McKechnie T, Pescarus R, Biertho L, Lam E, Neville A, **Ellsmere J**, Karmali S, Jackson T, Okrainec A, Doumouras A, Kroh M, Hong D. *Int J Obes (Lond).* 2024

Sep;48(9):1193-1204.

[Laparoscopic-Assisted Transgastric Endoscopic Retrograde Cholangiopancreatography \(ERCP\) after Roux-en-Y Gastric Bypass: Technical Details.](#) Hossain I, Evans B, **Ellsmere J**. *J*

Gastrointest Surg. 2024 Sep 25:S1091-255X(24)00641-3.

[ALDH1A3 promotes invasion and metastasis in triple-negative breast cancer by regulating the plasminogen activation pathway.](#) Balaradwaj AG, McLean ME, Dahn ML, Cahill HF, Wasson

MD, Arun RP, Walker OL, Cruickshank BM, Fernando W, Venkatesh J, Barnes PJ, Bethune G, **Knapp G, Helyer LK, Giacomantonio CA**, Waisman DM, Marcato P. *Mol Oncol*. 2024 Jan;18(1):91-112.

[Prevention of persistent pain with lidocaine infusions in breast cancer surgery \(PLAN\): study protocol for a multicenter randomized controlled trial.](#) Khan JS, Gilron I, Devereaux PJ, Clarke H, Ayach N, Tomlinson G, Quan ML, Ladha KS, Choi S, Munro A, Brull R, Lim DW, Avramescu S, Richebé P, Hodgson N, Paul J, McIsaac DI, Derzi S, Zbitnew GL, Easson AM, Siddiqui NT, Miles SJ, Karkouti K; **Drohan, A** PLAN Trial Investigators. *Trials*. 2024 May 22;25(1):337.

[Recent Advances in Phytochemical-Based Topical Applications for the Management of Eczema: A Review.](#) Radhakrishnan J, Kennedy BE, Nofthall EB, **Giacomantonio CA**, Rupasinghe HPV. *Int J Mol Sci*. 2024 May 15;25(10):5375.

[An analysis of virtual reality in abdominal surgery-A scoping review.](#) Ochs V, Saad B, Taha-Mehlitz S, Staubli S, **Neumann K**, Fischer L, Honaker MD, Lamm S, Rosenberg R, Taha A, Cattin PC. *Int J Med Robot*. 2024 Feb;20(1):e2623.

[Analysis of artificial intelligence in thyroid diagnostics and surgery: A scoping review.](#) Taha A, Saad B, Taha-Mehlitz S, Ochs V, El-Awar J, Mourad MM, **Neumann K**, Glaser C, Rosenberg R, Cattin PC. *Am J Surg*. 2024 Mar;229:57-64.

[Nonoperative management protocol for locally advanced rectal cancer.](#) Kennedy ED, Schmocker S, Brown C, Liberman S, Baxter NN, Drolet S, **Neumann K**, Simunovic M, Richard C, Brezden-Masley C, Jhaveri K, Kopek N, Kirsch R. *Colorectal Dis*. 2024 Jun;26(6):1285-1291. *Clinical Trial*.

[Inter-rater reliability of ACS-NSQIP colorectal procedure coding in Canada.](#) Xiong Y, **Spence RT, Hirsch G, Walsh MJ, Neumann K**. *Am J Surg*. 2024 Sep;235:115787. *

[Safety and effectivity of Kono-S anastomosis in Crohn's patients: a systematic review and Meta-analysis.](#) Cathomas M, Saad B, Taha-Mehlitz S, Vankayalapati DK, Ghazal NE, Mourad MM, Ortlieb N, Than CA, Burri E, Glaser C, Heigl A, **Neumann K**, Honaker MD, Taha A, Rosenberg R. *Langenbecks Arch Surg*. 2024 Jul 22;409(1):227.

[Evolution of surgical approach to rectal cancer resection: A multinational registry assessment.](#) Sijmons JML, Dekker JWT, Tuynman JB, Mohan HM, Smart P, Heriot AG, Walker K, Kuryba A, Matthiessen P, Tanis PJ; International Colorectal Cancer Registry Collaboration (ICORC) Collaborators. **Spence, Richard** *Int J Colorectal Dis*. 2024 Jan 6;39(1):15.

[Correction to: Evolution of surgical approach to rectal cancer resection: A multinational registry assessment.](#) Sijmons JML, Dekker JWT, Tuynman JB, Mohan HM, Smart P, Heriot AG, Walker K, Kuryba A, Matthiessen P, Tanis PJ; International Colorectal Cancer Registry Collaboration (ICORC) Collaborators. **Spence, Richard** *Int J Colorectal Dis*. 2024 Feb 8;39(1):25.

[Abdominal Compartment Syndrome Following Paraesophageal and Diaphragmatic Hernia Repair.](#) Brophy SA, **Minor S**, **French DG**. ACG Case Rep J. 2024 Apr 26;11(5):e01344. *

[Stress Ulcer Prophylaxis during Invasive Mechanical Ventilation.](#) Cook D, Deane A, Lauzier F, Zytaruk N, et al. **Minor S**; REVISE Investigators. N Engl J Med. 2024 Jul 4;391(1):9-20. Epub 2024 Jun 14. PMID: 38875111 Clinical Trial.

[Redefining Trauma Training in Canada: A National Delphi Study on Curriculum, Educational Resources, and Training Initiatives.](#) Ryan JF, Engels PT, Vogt KN, **Minor S**, Mador BD. J Surg Educ. 2024 Mar;81(3):431-437.

[Trauma resident exposure in Canada and operative numbers \(TraumaRECON\): a national multicentre retrospective review of operative and nonoperative trauma teaching.](#) Engels PT, Shi Q, Coates A, Allen L, Priestap F, Moffat BS, Vogt KN, Joos E, **Minor S**, Marchand M, Williams E, Evans C, Mador B, Widder S, Ziessman M, Lampron J, Ball CG, Rice TJ; Canadian Collaborative on Urgent Care Surgery (CANUCS). Can J Surg. 2024 Mar 7;67(2):E99-E107.

[Mitochondrial DNA levels in perfusate and bile during *ex vivo* normothermic machine correspond with donor liver quality.](#) Westhaver LP, Nersesian S, Arseneau RJ, Hefler J, Hargreaves BKV, Edgar A, Azizieh Y, Cuesta-Gomez N, Izquierdo DL, Shapiro AMJ, **Gala-Lopez BL**, Boudreau JE. Heliyon. 2024 Feb 24;10(5):e27122.

[Resection of colorectal carcinoma liver metastases: A population-based study in outcomes and factors associated with recurrent disease.](#) Fenwick A, Black C, Linehan V, **Gala-Lopez BL**, Costa AF. Curr Probl Diagn Radiol. 2024 Apr 21:S0363-0188(24)00074-4.

[Oncologic Outcomes of Interventions to Decrease Allograft Ischemia-Reperfusion Injury within Patients Undergoing Liver Transplantation for Hepatocellular Carcinoma: A Systematic Review.](#) Faleiro MD, Mir ZM, Azizieh Y, **Hiebert SE**, **Livingstone SM**, **Walsh MJ**, **Gala-Lopez BL**. Curr Oncol. 2024 May 21;31(6):2895-2906.

[Defining the Canadian rural general surgeon.](#) Glass L, Davidson M, Friedrich E, Afford R, MacVicar S, Gentles Q, Miles P, Kirkpatrick R, Smithson L, **Walsh M**, Hiscock S, Wong E, Champion C. Can J Surg. 2024 Mar 28;67(2):E129-E141.

Neurosurgery

[Off-road vehicle crashes: dangers of alcohol and drug impairment.](#) Kureshi N, **Clarke DB**, Audas L, Magee K, Nassar B, Chan H, Yuan Y, Erdelyi S, Brubacher JR. CJEM. 2024 May;26(5):321-326.

[Spatial Hotspots and Sociodemographic Profiles Associated With Traumatic Brain Injury in Nova Scotia.](#) Kureshi N, Abidi SSR, **Clarke DB**, Zeng W, Feng C. J Neurotrauma. 2024 Apr;41(7-8):844-861. doi: 10.1089/neu.2023.0257. Epub 2023 Dec 29.

[Blood-Brain Barrier Dysfunction and Exposure to Head Impacts in University Football Players.](#) Jones CMA, Kamintsky L, Parker E, Kureshi N, Audas L, Wilson L, Champagne AA, Boulanger MM, DiStefano V, Fenerty L, Bowen C, Beyea S, Atkinson C, **Clarke DB**, Friedman A. Clin J Sport Med. 2024 Jan 1;34(1):61-68.

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[Risk stratification of new-onset psychiatric disorders using clinically distinct traumatic brain injury phenotypes.](#) Kureshi N, Nunes A, Feng C, **Clarke DB**, Abidi SSR. Arch Public Health. 2024 Aug 2;82(1):116.

[Alcohol is a risk factor for helmet non-use and fatalities in off-road vehicle and motorcycle crashes.](#) Kureshi N, **Walling S**, Erdogan M, Opra I, Green RS, **Clarke DB**. Eur J Trauma Emerg Surg. 2024 Jun 18.

[Atypical presentation of Cushing's disease with weight loss and hypokalemia.](#) Badawod S, De B, **Clarke DB**, Imran SA. Endocrinol Diabetes Metab Case Rep. 2024 Sep 27;2024(3):24-0011. doi: 10.1530/EDM-24-0011. Print 2024 Jul 1.

[Natural history of untreated microprolactinomas.](#) Sadek M, **Clarke DB**, Imran SA. Pituitary. 2024 Sep 8.

[Development of the cervical myelopathy severity index: a new patient reported outcome measure to quantify impairments and functional limitations.](#) Malhotra AK, He Y, Harrington EM, Jaja BNR, Zhu MP, Shakil H, Dea N, Weber MH, Attabib N, Phan P, Rampersaud YR, Paquet J, Jacobs WB, Cadotte DW, **Christie SD**, Nataraj A, Bailey CS, Johnson M, Fisher C, Hall H, Manson N, Thomas K, Ginsberg HJ, Fehlings MG, Witiw CD, Davis AM, Wilson JR. Spine J. 2024 Mar;24(3):424-434.

[Pre-operative expectations of patients with degenerative cervical myelopathy: an observational study from the Canadian Spine Outcomes and Research Network.](#) Althagafi A, Dea N, Evaniew N, Rampersaud RY, Jacobs WB, Paquet J, Wilson JR, Hall H, Bailey CS, Weber MH, Nataraj A, Attabib N, Cadotte DW, Phan P, **Christie SD**, Fisher CG, Manson N, Thomas K, McIntosh G, Charest-Morin R. Spine J. 2024 Apr 26:S1529-9430(24)00186-4.

[Factors associated with increased length of stay in degenerative cervical spine surgery: a cohort analysis from the Canadian Spine Outcomes and Research Network.](#) Moskven E, McIntosh G, Nataraj A, **Christie SD**, Kumar R, Phan P, Wang Z, Tarabay B, Weber MH, Singh S, Bailey CS, Manson NA, Abraham E, Paquet J, Wilson JR, Rampersaud YR, Fisher CG, Dea N, Charest-Morin R. J Neurosurg Spine. 2024 Apr 5:1-10.

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Bailey CS, Rampersaud YR, Jacobs WB, Phan P, Nataraj A, Cadotte DW, Weber MH, Thomas KC, Manson N, Attabib N, Paquet J, **Christie SD**, Wilson JR, Hall H, Fisher CG, McIntosh G, Dea N. *Neurosurgery*. 2024 Feb 2.

[The Effects of Peri-Operative Adverse Events on Clinical and Patient-Reported Outcomes After Surgery for Degenerative Cervical Myelopathy: An Observational Cohort Study from the Canadian Spine Outcomes and Research Network.](#) Malhotra AK, Evaniew N, Dea N, Fisher CG, Street JT, Cadotte DW, Jacobs WB, Thomas KC, Attabib N, Manson N, Hall H, Bailey CS, Nataraj A, Phan P, Rampersaud YR, Paquet J, Weber MH, **Christie SD**, McIntosh G, Wilson JR. *Neurosurgery*. 2024 Mar 11.

[Taking action towards climate-resilient, low-carbon, health systems: Perspectives from Canadian health leaders and healthcare professionals.](#) Barber B, Rainham DG, Tyedmers P, Vandertuin T, Ritcey G, **Christie SD**. *Healthc Manage Forum*. 2024 May 13:8404704241252032

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[Is the level of consent to a national research registry associated with patient outcomes following traumatic spinal cord injury? A population-based study from the Rick Hansen Spinal Cord Injury Registry \(RHSCIR\).](#) Dionne A, Mac-Thiong JM, Hong HA, Kurban D, Xu J, Humphreys S, Bailey C, Barthelemy D, **Christie S**, Fournery D, Linassi AG, Loyola-Sanchez A, Paquet J, Sreenivasan V, Townson A, Tsai E, Noonan VK, Richard-Denis A; RHSCIR Network. *Am J Phys Med Rehabil*. 2024 Jun 6.

[Does Ending a Posterior Construct Proximally at C2 Versus C3 Impact Patient Reported Outcomes in Degenerative Cervical Myelopathy Patients up to 24 months After the Surgery?](#) Algarni N, Dea N, Evaniew N, McIntosh G, Jacobs BW, Paquet J, Wilson JR, Hall H, Bailey CS, Weber MH, Nataraj A, Attabib N, Rampersaud YR, Cadotte DW, Stratton A, **Christie SD**, Fisher CG, Charest-Morin R. *Global Spine J*. 2024 Sep;14(7):2062-2073.

[The Influence of Wait Time on Surgical Outcomes in Elective Lumbar Degenerative Spine Conditions: A Retrospective Multicentre Cohort Study.](#) Bond M, Charest-Morin R, Street J, Fisher C, Dea N, Singh S, Paquet J, Abraham E, Bailey C, Weber M, Nataraj A, Attabib N, Kelly A, Rampersaud R, Manson N, Phan P, Thomas K, Soroceanu A, LaRue B, Ahn H, Marion T, **Christie S**, Glennie A, Zhi W, Hall H, Sutherland JM. *Global Spine J*. 2024 Sep 25:21925682241287463.

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Orthopaedics

[The Dangers of Distracted Driving: A Substudy of Patient Perception Data From the DRIVSAFE Observational Study.](#) (Coles C, Coady C, Wong I, Dunbar M, Leighton R, Glazebrook M, Morash, J, Biddulph M, Reardon G, Glennie A, Johnson, D) DRIVSAFE Team. *J Orthop Trauma.* 2024 Oct 1;38(10):e347-e354

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[Tibial Slope is Not Associated with Implant Migration Following Cemented Total Knee Arthroplasty with a Single Implant Design.](#) C Glen Richardson, Matthew J Kivell· **Michael J Dunbar** · Elise K Laende · *J Arthroplasty.* 2024 Apr 25;S0883-5403(24)00333-4.

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