

Department of Surgery Publications 2023

205 Publications
75 Senior Authors
196 Contributing Authors

Cardiac Surgery

[A National Strategy to Detect and Treat Heart Valve Diseases in Canada.](#)

Forcillo J, Wood DA, Abdel-Razek O, Adreak N, Asgar A, **Chedrawy E**, Eckstein J, Legare JF, Natarajan MK, Pibarot P, Styra R, Tyrrell B, Wijeyesundera H, Messika-Zeitoun D; Canadian Cardiovascular Society Working Group on Heart Valve Disease. *Can J Cardiol.* 2023 May;39(5):567-569.

[An Ontological, Anthropological, and Psychoanalytic Perspective on Physician Burnout.](#)

Gupta M, **Chedrawy E**. *Cureus.* 2023 Jan 27;15(1):e34282.

[Implementation of enhanced recovery in cardiac surgery: An experimental study with the control group.](#)

Hendy A, **DiQuinzo C**, O'Reilly M, Hendy A, **Vician M**, Theriault C, **Chedrawy E**, **Hirsch G**, Aliter H. *Asian Cardiovasc Thorac Ann.* 2023 Feb;31(2):88-96.

[Trends in Incidence of Abdominal Aortic Aneurysm Rupture, Repair, and Mortality in Nova Scotia.](#)

Cote CL, Jessula S, Kim Y, Cooper M, McDougall G, **Casey P**, Dua A, **Lee MS**, **Smith M**, **Herman C**. *Ann Vasc Surg.* 2023 Sep;95:62-73. *

[All that glitters: case presentation and review of radial access complications in neurointervention.](#)

Macdonald IR, **Pickett GE**, **Herman C**, **Lee M**, Volders D. *Interv Neuroradiol.* 2023 Jun;29(3):327-331. *

[Effect of socioeconomic status on patients undergoing elective abdominal aortic aneurysm repair in a publicly funded health care system.](#)

McDougall G, **Jessula S**, Cote CL, Cooper M, **Lee M**, **Smith M**, **Casey P**, **Herman C**. *Can J Surg.* 2023 Mar 7;66(2):E114-E122. *

[Relationship Between Time-Varying Achieved High-Density Lipoprotein Cholesterol and Risk of Coronary Events Depends on Haptoglobin Phenotype Within the ACCORD Lipid Study.](#)

Warren RA, Carew AS, Andreou P, Levy AP, Sapp J, Lache O, Ginsberg HN, Rimm EB, **Herman C**, Kirkland S, Cahill LE. *J Am Heart Assoc.* 2023 Oct 3;12(19):e030288.

[Dying to Get There: Patients Who Reside at Increased Distance from Tertiary Center Experience Increased Mortality Following Abdominal Aortic Aneurysm Rupture.](#)

Jessula S, Cote CL, Cooper M, McDougall G, Kivell M, Kim Y, Tansley G, **Casey P**, **Smith M**, **Herman C**. *Ann Vasc Surg*. 2023 Apr;91:135-144. *

[Effect of after-hours presentation in ruptured abdominal aortic aneurysm.](#)

Jessula S, Cote CL, Kim Y, Cooper M, McDougall G, **Casey P**, **Lee MS**, **Smith M**, Dua A, **Herman C**. *J Vasc Surg*. 2023 Apr;77(4):1045-1053.e3. * 4.27

[Medical Student Career Perceptions of Cardiac Surgery and Cardiology.](#)

Flemming M, Huo B, Keefe B, Wang S, Hodgson D, **Horne D**, Moeller A, de Waard D. *Can J Cardiol*. 2023 Oct 5:S0828-282X(23)01751-8. 6.2

[Continuous Ultrafiltration Enhances Recovery After Adult Cardiac Surgery With Cardiopulmonary Bypass: A Systematic Review and Meta-analysis.](#)

Bierer J, **Horne D**, Stanzel R, Henderson M, Boulos L, Hayden JA. *CJC Open*. 2023 Mar 23;5(7):494-507. 1.78

[A unique phenomenon: triple-chambered left ventricle with transposition of great arteries.](#) Hussain A, **Horne D**, Dhillon S. *Cardiol Young*. 2023 May;33(5):798-799.

[Novel inflammatory mediator profile observed during pediatric heart surgery with cardiopulmonary bypass and continuous ultrafiltration.](#) Bierer J, Stanzel R, Henderson M, **Sett S**, Sapp J, Andreou P, Marshall JS, **Horne D**. *J Transl Med*. 2023 Jul

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[A novel hybrid approach to correct a giant aneurysmal coronary artery fistula in an adult male patient.](#) Mashat M, Taeb B, Elkhateeb O, Jackson S, Chen R, Sumaya W, **Horne D**. *JTCVS Tech*. 2023 Aug 19;21:122-125. 5.26

[Sternal cleft reconstruction with acellular dermal matrix and full-thickness calvarial graft.](#)

Ching C, **Sett S**, **Walling S**, **Bezuhly M**. *Eur J Cardiothorac Surg*. 2023 Apr 3;63(4):ezad126. *

GENERAL SURGERY

[2023 Canadian Surgery Forum: Sept. 20-23, 2023.](#)

Brière R, Émond M, Benhamed A, **Ellsmere, J**, **Neumann, K**, **Spence, R**, **Gala Lopez, B**, **Hoogerboord, M**, et al. [See abstract for full author list →](#) *Can J Surg*. 2023 Dec 13;66(6 Suppl 1):S54-S136.

[Ursodeoxycholic acid for prevention of gallstone disease after laparoscopic sleeve gastrectomy: an Atlantic Canada perspective.](#) Hossain I, Brodie J, O'Brien E, Tedman-

Aucoin K, Lawlor D, Murphy R, Twells L, Pace D, Evans B, **Ellsmere J**. *Surg Endosc*. 2023 Jul;37(7):5236-5240. 3.14

[Ten-year follow-up of endoscopic mucosal resection versus esophagectomy for esophageal intramucosal adenocarcinoma in the setting of Barrett's esophagus: a Canadian experience.](#) Fernandes A, Li C, **French D**, **Ellsmere J**. *Surg Endosc.* 2023 Nov;37(11):8735-8741. 3.14 *

[The African Research Group for Oncology: A decade fostering colorectal cancer research in Nigeria.](#) Dare AJ, Olatoke SA, Okereke CE, Abdulkareem FB, Adeyeye A, Badejo O, Du M, Fayenuwo OJ, Gali BM, Kahn R, **Knapp G**, Ntiamoah P, Olcese C, Oludara MA, Omisore A, Omoyiola OZ, Owoade IA, Brennan MF, Kingham TP, Alatise OI; African Research Group for Oncology (ARGO). *J Surg Oncol.* 2023 Nov;128(6):1011-1020. 3.45

[Population-Level Access to Breast Cancer Early Detection and Diagnosis in Nigeria.](#) Omisore AD, Sutton EJ, Akinola RA, Towoju AG, Akhigbe A, Ebubedike UR, Tansley G, Olasehinde O, Goyal A, Akinde AO, Alatise OI, Mango VL, Kingham TP, **Knapp GC**. *JCO Glob Oncol.* 2023 Sep;9:e2300093.

[ALDH1A3 promotes invasion and metastasis in triple-negative breast cancer by regulating the plasminogen activation pathway.](#) Bharadwaj 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.* 2023 Sep 27. 7.44

[Prevalence and determinants of lymphedema in newly diagnosed Nigerian breast cancer patients using bioimpedance estimations.](#) Wuraola F, Olasehinde O, Di Bernardo M, Akinyemi P, Owoade I, Mohammed T, Aderounmu A, Ogunleye S, Adeleye A, Ogunyemi M, **Knapp G**, Kingham P, Alatise O.E *cancermedicalscience.* 2023 Feb 9;17:1506. 0.665

[Cytoreductive surgery \(CRS\) and heated intraperitoneal chemotherapy \(HIPEC\) for peritoneal mesothelioma: Canadian practices and outcomes.](#) Deban M, Taqi K, **Knapp GC**, Soucisse M, Curry M, Sid ris L, Dub  P, Khaldi MA, Jedrzejko N, **Porter G**, **Giacomantonio C**, Hamilton T, MacNeill A, Mack L, Bouchard-Fortier A. *J Surg Oncol.* 2023 Sep;128(4):595-603. 3.45

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[Abscopal responses in patients with metastatic melanoma involving skin and subcutaneous tissues treated with intralesional IL2 plus BCG.](#) Vidovic D, **Helyer LK**, Pasternak S, **Giacomantonio CA**. *Front Oncol.* 2023 Apr 27;13:1160269. 6.24

[Metastatic Mammary Carcinoma Presenting as a Large Cystic Axillary Mass: A Report of an Unusual Case.](#) Maybank AK, Curtis H, **Topp T**, Barnes PJ. *Int J Surg Pathol.* 2023 Oct;31(7):1409-1413. 1.2

[The unrestricted global effort to complete the COOL trial.](#) Kirkpatrick AW, Coccolini F, Tolonen M, **Minor S**, Catena F, Gois E Jr, Doig CJ, Hill MD, Ansaloni L, Chiarugi M, Tartaglia D, Ioannidis O, Sugrue M, Colak E, Hameed SM, Lampela H, Agnoletti V, McKee JL, Garraway N, Sartelli M, Ball CG, Parry NG, Voght K, Julien L, Kroeker J, Roberts DJ, Faris P, Tiruta C, Moore EE, Ammons LA, Anestiadou E, Bendinelli C, Bouliaris K, Carroll R, Ceresoli M, Favi F, Gurrado A, Rezende-Neto J, Isik A, Cremonini C, Strambi S, Koukoulis G, Testini M, Trpcic S, Pasculli A, Picariello E, Abu-Zidan F, Adeyeye A, Augustin G, Alconchel F, Altinel Y, Hernandez Amin LA, Aranda-Narváez JM, Baraket O, Biffl WL, Baiocchi GL, Bonavina L, Brisinda G, Cardinali L, Celotti A, Chaouch M, Chiarello M, Costa G, de'Angelis N, De Manzini N, Delibegovic S, Di Saverio S, De Simone B, Dubuisson V, Fransvea P, Garulli G, Giordano A, Gomes C, Hayati F, Huang J, Ibrahim AF, Huei TJ, Jailani RF, Khan M, Luna AP, Malbrain MLNG, Marwah S, McBeth P, Mihalescu A, Morello A, Mulita F, Murzi V, Mohammad AT, Parmar S, Pak A, Wong MP, Pantalone D, Podda M, Puccioni C, Rasa K, Ren J, Roscio F, Gonzalez-Sanchez A, Sganga G, Scheiterle M, Slavchev M, Smirnov D, Tosi L, Trivedi A, Ve...[See abstract for full author list](#) → *World J Emerg Surg.* 2023 May 11;18(1):33

[The next frontier of acute care general surgery: fellowship training.](#) Engels PT, Lee J, Rice TR, Nenshi R, Ball CG, Hameed M, Widder S, **Minor S**, Ahmed N, Parry N, Vogt K; Canadian Collaborative on Urgent Care Surgery (CANUCS). *Can J Surg.* 2023 Feb 2;66(1):E42-E44.

[Why are there no data? Critically ill patients deserve better protection from both regulatory authorities and surgeons.](#) Kirkpatrick AW, Coccolini F, **Minor S**. *J Trauma Acute Care Surg.* 2023 Dec 1;95(6):e61-e62.

[Operating room use for emergency general surgery cases: analysis of the Patterns of Complex Emergency General Surgery in Canada study.](#) Meschino MT, Vogt KN, Allen L, Saddik M, Nenshi R, Van Heest R, Saleh F, Widder S, **Minor S**, Joos E, Parry NG, Murphy PB, Ball CG, Hameed M, Engels PT; CANUCS (Canadian Collaborative on Urgent Care Surgery). *Can J Surg.* 2023 Jan 3;66(1):E13-E20.

[Next questions in the management of retroperitoneal sarcoma.](#) **Drohan A**, Gronchi A. *Curr Opin Oncol.* 2023 Jul 1;35(4):301-308. 3.91

[Breast Cancer After Reduction Mammoplasty: A Population-Based Analysis of Incidence, Treatment and Screening Patterns.](#) **Drohan AE**, Quan ML, Birdsell DC, Xu Y. *Ann Surg Open.* 2023 Aug 21;4(3):e322 1.0

[Six Surgical Stages in the Resection of Primary Right Retroperitoneal Liposarcoma: A Standardized Comprehensive Approach.](#) Radaelli S, Baia M, **Drohan A**, Morosi C, Sangalli C, Colombo C, Callegaro D, Fiore M, Gronchi A. *Ann Surg Oncol.* 2023 Oct;30(11):6896-6897. 4.4

[Neoadjuvant Chemotherapy, Excision, and Observation for Early Rectal Cancer: The Phase II NEO Trial \(CCTG CO.28\) Primary End Point Results.](#) Kennecke HF, O'Callaghan CJ, Loree JM, Moloo H, Auer R, Jonker DJ, Raval M, Musselman R, Ma G, Caycedo-Marulanda A, Simianu VV, Patel S, Pitre LD, Helewa R, Gordon VL, **Neumann K**, Nimeiri H, Sherry M, Tu D, Brown CJ. *J Clin Oncol.* 2023 Jan 10;41(2):233-242. 45.3

[Development and validation of a predictive model of the hospital cost associated with bariatric surgery.](#) Ochs V, Tobler A, Enodien B, Saad B, Taha-Mehlitz S, Wolleb J, Awar JE, **Neumann K**, Drews S, Rosenblum I, Stoll R, Rosenberg R, Frey DM, Cattin PC, Taha A. *Obes Res Clin Pract.* 2023 Oct 28:S1871-403X(23)00116-3. 5.2

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[Use of Telemedicine for Postdischarge Assessment of the Surgical Wound: International Cohort Study, and Systematic Review With Meta-analysis.](#) NIHR Global Health Research Unit on Global Surgery, GlobalSurg Collaborative. **Spence, R** *Ann Surg.* 2023 Jun 1;277(6):e1331-e1347

[Changing liver utilization and discard rates in clinical transplantation in the ex-vivo machine preservation era.](#) Azizieh Y, Westhaver LP, Badrudin D, Boudreau JE, **Gala-Lopez BL**. *Front Med Technol.* 2023 Feb 23;5:1079003. Review. 1.9

[Predicting Early Graft Dysfunction and Mortality After Liver Transplant Using the De Ritis Ratio.](#) Shin EM, Westhaver L, Nersesian S, Boudreau JE, **Gala-Lopez BL.** Transplant Proc. 2023 Apr;55(3):586-596. 1.01

[Creating psychological safety in interprofessional simulation for health professional learners: a scoping review of the barriers and enablers.](#) Lackie K, Hayward K, Ayn C, Stilwell P, Lane J, Andrews C, Dutton T, Ferkol D, Harris J, Houk S, Pendergast N, Persaud D, Thillaye J, **Mills J**, Grant S, Munroe A. J Interprof Care. 2023 Mar-Apr;37(2):187-202.

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[Diagnosis, Classification, and Contemporary Management of Undescended Testicles.](#) Chedrawe ER, Keefe DT, **Romao RLP.** Urol Clin North Am. 2023 Aug;50(3):477-490. 2.76

[Development and implementation of a postgraduate medical education-wide initiative in quality improvement and patient safety.](#) Bowes D, Shearer C, Daigle-Maloney T, Dornan J, Lynk A, Parker J, **Romao RLP**, Stevens S, Allen S, Warren A, Ackroyd-Stolarz S. Postgrad Med J. 2023 May 19;99(1169):217-222. Review 1.56

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NEUROSURGERY

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[Association between traumatic brain injury and mental health care utilization: evidence from the Canadian Community Health Survey.](#) Kureshi N, **Clarke DB**, Feng C. *Inj Epidemiol*. 2023 Mar 13;10(1):16. 9.19

[Work-up and Management of Asymptomatic Extracranial Traumatic Vertebral Artery Injury.](#) Maclean MA, Touchette CJ, Duda T, Almojuela A, Bergeron D, Kameda-Smith M, Persad ARL, Sader N, **Alant J, Christie SD.** *Can J Neurol Sci.* 2023 Sep;50(5):662-672. 3.0

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[Decompressive Craniectomy versus Craniotomy for Acute Subdural Hematoma.](#) Hutchinson PJ, Adams H, Mohan M, Devi BI, Uff C, Hasan S, Mee H, Wilson MH, Gupta DK, Bulters D, Zolnourian A, McMahon CJ, Stovell MG, Al-Tamimi YZ, Tewari MK, Tripathi M, Thomson, **Christie, S**, Servadei F, Manley GT, Barton G, Turner C, Menon DK, Gregson B, Koliass AG; British Neurosurgical Trainee Research Collaborative, NIHR Global Health Research Group on Acquired Brain and Spine Injury, and RESCUE-ASDH Trial Collaborators; RESCUE-ASDH Trial Collaborators. *N Engl J Med*. 2023 Jun 15;388(24):2219-2229.

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