

## Department of Surgery Publications 2022

237 Publications

93 Senior Authors

208 Contributing Authors

### Cardiac Surgery

[Right ventricular laceration caused by sternal wire fracture following cardiac surgery: a case report.](#) O'Brien DJ, Baghaffar A, El-Andari R, **DiQuinzio C**, **Ali IM**. *Indian J Thorac Cardiovasc Surg.* 2022 Jul;38(4):418-421.

[Missing the Goal With the 2021 ACC/AHA/SCAI Guideline for Coronary Artery Revascularization.](#) Ruel M, Williams A, Ouzounian M, Sun L, Légaré JF, Poirier P, Malas T, Farkouh ME, **Chedrawy E**, Hassan A, Higgins J, Connelly K, McClure RS, Bewick D, Whitlock R, Graham M, Arora RC. *Can J Cardiol.* 2022 Jun;38(6):705-708. doi: 10.1016/j.cjca.2022.03.013. Epub 2022 Mar 24.

[Patient-prosthesis mismatch and surgical aortic valve replacement outcomes: Retrospective analysis of single-center surgical data.](#) Gupta A, Aliter H, Theriault C, **Chedrawy E**. *J Card Surg.* 2021 Aug;36(8):2805-2815.

[Implementation of enhanced recovery in cardiac surgery: An experimental study with the control group.](#) Hendy A, **DiQuinzio C**, O'Reilly M, Hendy A, **Vician M**, Theriault C, **Chedrawy E**, **Hirsch G**, Aliter H. *Asian Cardiovasc Thorac Ann.* 2022 Nov 14:2184923221138504.

[Canadian Cardiovascular Society 2022 Guidelines for Peripheral Arterial Disease.](#) Primary Panel: Abramson BL, Al-Omran M, Anand SS, Albalawi Z, Coutinho T, de Mestral C, Dubois L, Gill HL, Greco E, Guzman R, **Herman C**, Hussain MA, Huckell VF, Jetty P, Kaplovitch E, Karlstedt E, Kayssi A, Lindsay T, Mancini GBJ, McClure G, McMurtry MS, Mir H, Nagpal S, Nault P, Nguyen T, Petrasek P, Rannelli L, Roberts DJ, Roussin A, Saw J, Srivaratharajah K, Stone J, Szalay D, Wan D; Secondary Panel: Cox H, Verma S, Virani S. *Can J Cardiol.* 2022 May;38(5):560-587.

[Surgery or Endovascular Therapy for Chronic Limb-Threatening Ischemia.](#) Farber A, Menard MT, Conte MS, Kaufman JA, Powell RJ, Choudhry NK, Hamza TH, Assmann SF, Creager MA, Cziraky MJ, Dake MD, Jaff MR, Reid D, Siami FS, Sopko G, White CJ, van Over M, Strong MB, Villarreal MF, McKean M, Azene E, Azarbal A, Barleben A, Chew DK, Clavijo LC, Douville Y, Findeiss L, Garg N, Gasper W, Giles KA, Goodney PP, Hawkins BM, **Herman CR**, Kalish JA, Koopmann MC, Laskowski IA, Mena-Hurtado C, Motaganahalli R, Rowe VL, Schanzer A, Schneider PA, Siracuse JJ, Venermo M, Rosenfield K; BEST-CLI Investigators. *N Engl J Med.* 2022 Nov 7. 176.

[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.* 2022 Nov 4:S0741-5214(22)02467-3. \*

[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. 2022 Mar 2:15910199221083787. \*

[Cardiovascular Outcomes in Nova Scotia During the Early Phase of the COVID-19 Pandemic.](#) Greene A, Sapp J, **Hirsch G**, Sandila N, Quraishi A, El-Khateeb O, Kirkland S, Stewart R, Anderson K, **Chedrawy E**, Campbell S, **Herman C**, Goldstein J, Carter A, Andreou P, Collins A, Travers A, Parkash R. CJC Open. 2022 Mar;4(3):324-336.

[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. 2022 Mar 3:S0022-5223(22)00236-7

[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. 2022 Dec 9:S0890-5096(22)00759-2. \*

[Haptoglobin Phenotype Modifies the Effect of Fenofibrate on Risk of Coronary Event: ACCORD Lipid Trial.](#) Warren RA, Carew AS, Andreou P, **Herman C**, Levy AP, Ginsberg HN, Sapp J, Rimm EB, Kirkland S, Cahill LE. Diabetes Care. 2022 Jan 1;45(1):241-250.

[Carotid to Left Subclavian Artery Bypass Grafting for the Treatment of Coronary Subclavian Steal Syndrome.](#) Baghaffar A, Mashat M, El-Andari R, Precious B, Aliter H, **Herman C**. CJC Open. 2022 Mar 19;4(7):647-650.

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[Coagulopathy Management of an Acute Type A Aortic Dissection in a Patient Taking Apixaban.](#) Neira VM, Baghaffar A, Doggett N, Ke JXC, **Stewart K**. J Cardiothorac Vasc Anesth. 2022 Jun;36(6):1720-1725.

[Coagulopathy Management of an Acute Type A Aortic Dissection in a Patient Taking Apixaban.](#) Neira VM, Baghaffar A, Doggett N, Ke JXC, **Stewart K**. J Cardiothorac Vasc Anesth. 2022 Jun;36(6):1720-1725.

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[Subzero balance - simple modified ultrafiltration \(SBUF-SMUF\) technique for pediatric cardiopulmonary bypass.](#) Bierer J, Henderson M, Stanzel R, **Sett S**, **Horne D**. *Perfusion.* 2022 Nov;37(8):785-788.

[Psychosocial Distress in Parents with Children Awaiting Surgery during the COVID-19 Pandemic.](#) Forner D, Leslie PK, Aldaihani A, **Bezuhly M**, Noel CW, **Horne D**, **Walling S**, Robitaille J, MacLellan DL, **El-Hawary R**, **Logan K**, **Romao R**, LaRoche R, **Sett S**, Urquhart R, **Hong P**. *Children (Basel).* 2022 Jan 9;9(1):87. \*

[Unicorn: Anomalous Double Ostium Left Main Coronary Artery With Intra-Mural Connection - Diagnosed with Multi-Modality Imaging.](#) **Horne D**, Mohsin H, P Chen R. *World J Pediatr Congenit Heart Surg.* 2022 May;13(3):394-398.

## **General Surgery**

[Morbid Obesity and Severe Knee Osteoarthritis: Which Should Be Treated First?](#) Purcell S, Hossain I, Evans B, **Porter G**, **Richardson G**, **Ellsmere J**. *J Gastrointest Surg.* 2022 Jul;26(7):1388-1393.

[Penetrating abdominal trauma in the era of selective conservatism: a prospective cohort study in a level 1 trauma center.](#) Sander A, **Spence R**, **Ellsmere J**, **Hoogerboord M**, Edu S, Nicol A, Navsaria P. *Eur J Trauma Emerg Surg.* 2022 Apr;48(2):881-889.

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[Colorectal cancer screening with fecal immunochemical testing: a community-based, cross-sectional study in average-risk individuals in Nigeria.](#) Alatise OI, Dare AJ, Akinyemi PA, Abdulkareem FB, Olatoke SA, **Knapp GC**, Kingham TP; African Research for Oncology Colorectal Screening Early Detection Group. *Lancet Glob Health.* 2022 Jul;10(7):e1012-e1022.

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[The iBreastExam versus clinical breast examination for breast evaluation in high risk and symptomatic Nigerian women: a prospective study.](#) Mango VL, Olasehinde O, Omisore AD, Wuraola FO, Famurewa OC, Sevilimedu V, **Knapp GC**, Steinberg E, Akinmaye PR, Adewoyin BD, Romanoff A, Castle PE, Alatise O, Kingham TP. *Lancet Glob Health.* 2022 Apr;10(4):e555-e563.

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[Case Report: Combined Intra-Lesional IL-2 and Topical Imiquimod Safely and Effectively Clears Multi-Focal, High Grade Cutaneous Squamous Cell Cancer in a Combined Liver and Kidney Transplant Patient.](#) Vidovic D, Simms GA, Pasternak S, **Walsh M**, Peltekian K, **Stein J**, **Helyer LK**, **Giacomantonio CA**. *Front Immunol.* 2021 May 27;12:678028.

[The Relation of Grit and Surgical Specialty Interest Among Medical Students.](#) Huo B, Dow T, **Helyer L**. *J Surg Educ.* 2022 Sep-Oct;79(5):1159-1165.

[Failure to rescue in emergency general surgery in Canada.](#) **Minor S**, Allen L, Meschino MT, Nenshi R, van Heest R, Saleh F, Widder S, Engels PT, Joos E, Parry NG, Murphy PB, Ball CG, Hameed M, Vogt KN; Canadian Collaborative on Urgent Care Surgery. *Can J Surg.* 2022 Mar 22;65(2):E215-E220.

[Modified laparoscopic Sugarbaker repair of a recurrent ileostomy prolapse.](#) Orovec AS, **Minor SF**, **Hoogerboord CM**. *J Surg Case Rep.* 2022 Feb 6;2022(2):rjac013.

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[Dystrophic calcification within biologic graft occurring with use of calcium sulfate antibiotic beads masquerading as an enteric fistula.](#) **Minor S**, Rowe J, Hoogerboord M. *J Surg Case Rep.* 2022 Jun 16;2022(6):rjac270.

[Trauma team perceptions regarding in-situ simulation.](#) Bednarek O, Jessula S, **Minor S**. *Journal of Surgical Simulation.* Aug 4, 2022: 9:83-90.

[Management of vascular trauma across Canada: A cohort study with implications for practice.](#) Smith S, Allen L, **Minor S**, Jessula S. *Can Journal of Surgery.* Volume 53, issue 5, May 2022. Pages 1662-1666.

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[Does Personality Matter? Perceptions and Experiences of Introverts and Extraverts as General Surgeons.](#) Luong V, Shields C, Petrie A, **Neumann K**. *Teach Learn Med.* 2022 Jun-Jul;34(3):255-265.

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[A framework for role allocation in education, research and leadership services in Canadian academic divisions of general surgery: a modified Delphi consensus.](#) Reid M, Lee A, Leslie K, Feldman LS, Hameed SM, Kirkpatrick R, Lovrics PJ, MacDonald PH, Pace D, Shaw JM, Swallow CJ, Pagliarello G, Bigam DL, **Porter G**, Mathieson A, McFadden N, Lapointe R, MacLean T, Kuziemy C, Balaa F. *Can J Surg.* 2022 Feb 3;65(1):E73-E81.

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[Incidence of fertility preservation procedures in prepubertal individuals with cancer.](#) Ory J, Nassau D, Rodriguez CD, Sathe A, Nackeeran S, Manda P, Reddy A, **Romao RL**, Ramasamy R. J Pediatr Urol. 2022 Oct;18(5):681.e1-681.e6

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## **Neurosurgery**

### **Concussion susceptibility is mediated by spreading depolarization-induced neurovascular dysfunction.**

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### **Criterion validity of the brief test of adult cognition by telephone (BTACT) for mild traumatic brain injury.**

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### **Virtual Health Care in a Postpandemic World: Implications for Patients With Neuropituitary Disorders.**

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### **Work-up and Management of Asymptomatic Extracranial Traumatic Vertebral Artery Injury.**

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### **Trends and Contributing Factors in Medicolegal Cases Involving Spine Surgery.**

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### **Practice Variation between Salaried and Fee-for-Service Surgeons for Lumbar Surgery.**

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