

2025 – DOS Publication LIST

TOTAL Publications: 226

Senior Author – 110

Middle Author - 199

Cardiac

[Mitral Valve Replacement Surgery to the Rescue: A Case Report of Multiple Failed Transcatheter Devices to Treat Mitral Regurgitation.](#) Chan VF, Castonguay M, Hayami D, Crowell R, Sumaya W, Elkhateeb O, **Wood J**, **Cote C**. Can J Cardiol. 2025 Aug;41(8):1531-1533.

[Double expandable ring annuloplasty for a dynamic Ross procedure.](#) **Côté C**, Garufi L, Zacek P, Bernardini M, Leprince P, Lansac E, Danial P. JTCVS Tech. 2025 Oct 6;34:67-69.

[A Canadian postmarket study of the Zenith Alpha Abdominal Endovascular Graft.](#) Lindsay TF, Harlock J, **Herman C**, Chen J, Power A, Saunders AT. J Vasc Surg. 2025 May;81(5):1058-1066.e1

[Custom Fluoroscopic Hat-Marker Orientation to Optimize Commissural Alignment in the Evolut Valve: A CT-Guided Technique.](#) Elkhateeb O, **Wood J**, **Herman C**, Beydoun H. JACC Cardiovasc Interv. 2025 Jul 22:S1936-8798(25)01735-2.

[Competence by Design in Cardiac Surgery Resident Training: A Qualitative Thematic Analysis.](#) Vural KM, Hirsch E, **Herman C**, **Horne D**. J Surg Res. 2025 Jul;311:31-42.

[Haptoglobin Phenotype and Cardiovascular Risk: The ACCORD Blood Pressure RCT.](#) Lavallée SK, Carew AS, Warren RA, Sapp JL, Levy AP, Andreou P, **Herman CR**, Rimm EB, Cahill LE. Hypertension. 2026 Jan;83(1):189-198.

[A beginner's guide to implementation science.](#) **de Waard D**, Gainer R, Sim M, **Cote C**, **Tremblay P**, Bonnar P, **Hirsch G**. JTCVS Tech. 2025 May 23;32:96-101.

[The immunomodulatory effect of continuous ultrafiltration during pediatric cardiac surgery.](#) **Bierer JD**, Stanzel R, Henderson M, Sapp J, Andreou P, Marshall JS, **Horne D**. Perfusion. 2025 Sep 1:2676591251374252.

[Sanguineous cardiopulmonary bypass prime accelerates the inflammatory response during pediatric cardiac surgery.](#) **Bierer J**, Stanzel R, Henderson M, Sapp J, Andreou P, Marshall JS, **Horne D**. Perfusion. 2025 Oct;40(7):1678-1688.

[Complement activation by the artificial surface of cardiopulmonary bypass is a persistent clinical problem.](#) **Bierer JD**, Stanzel R, Henderson M, El-Rabahi T, Sapp J, Andreou P, Marshall JS, Conrad D, **Horne D**. Sci Rep. 2025 Jul 29;15(1):27643.

[Commentary: Pushing the envelope in Ebstein anomaly: Doing more with less.](#) Konstantinov IE, **Deshai** C. J Thorac Cardiovasc Surg. 2025 Jun;169(6):1529-1530.

[Urgent cardiopulmonary bypass for the management of intrabronchial descending aortic aneurysm rupture.](#) Bennett M, Schultz B, Turner B, **Deshai** C, Konstantinov IE, Buratto E. Perfusion. 2025 Nov 10:2676591251395484.

[Left-handed cardiac surgery simulation training: making things right.](#) Vinck EE, Bickel-Dabadghao M, **Ribeiro RVP**, Andrade D, Sardari Nia P. Eur J Cardiothorac Surg. 2025 Feb 4;67(2):ezaf011.

[Spatiotemporal metabolic mapping of ex-situ preserved hearts subjected to dialysis by integration of bio-SPME sampling with non-targeted metabolipidomic profiling.](#) Olkowicz M, Yu F, Alvarez JS, **Ribeiro RVP**, Rosales R, Xin L, Yu M, Jaroch K, Adamson MB, Bissoondath V, Billia F, Badiwala MV, Pawliszyn J. Anal Chim Acta. 2025 Feb 22;1340:343581.

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[Corrigendum to "Metabolic and bariatric surgery: An update from 2010"](#) Bao-Ngoc Nasri · Robert B Lim, **James Ellsmere**, Alisha Fernandes, Daniel Jones Curr Probl Surg. 2025 Jan;62:101665.

[Response to comment on "Magnetic duodenoileal anastomosis with sleeve gastrectomy: a prospective multicenter study"](#) Biertho L, Marceau S, Nadeau M, Lebel S, Julien F, Tchernof A, Ransom T, **Spence RT, Ellsmere J**. Surg Obes Relat Dis. 2025 Nov 11:S1550-7289(25)01026-3.

[The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative.](#) Terry Fox Research Institute Marathon of Hope Cancer Centers Network. **Wallace, Alison, Knapp, Gregory**. Electronic address: mmarra@bcgsc.ca; Terry Fox Research Institute Marathon of Hope Cancer Centers Network. Cancer Cell. 2025 Apr 14;43(4):587-592. *

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[Analysis of Risk Factors, Treatment Patterns, and Survival Outcomes After Emergency Presentation With Colorectal Cancer: A Prospective Multicenter Cohort Study in Nigeria.](#) Aderibigbe AS, Dare AJ, Kalvin HL, Olasehinde O, Wuraola F, Adisa A, Omisore AD, Komolafe AO, Omoyiola OZ, Okereke CE, Katung A, Egberoungbe A, Ariyibi O, Olatoke SA, Adeyeye AA, Agodirin SO, Bojuwoye MO, Fayenuwo JO, Ademakinwa OR,

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[Breast Cancer-Related Lymphedema: A Common Challenge among Nigerian Breast Cancer Survivors.](#) Olasehinde O, Wuraola F, Di Bernardo M, **Knapp G**, Aderounmu A, Omisore A, Oladele A, Awe MO, Mohammed T, Romanoff A, Kingham TP, Mango V, Adisa A, Alatisse O. Breast Care (Basel). 2025 Aug 21.

[Seronegative Paraneoplastic Opsoclonus-Myoclonus-Ataxia Syndrome Secondary to Low Volume Endocrine-Sensitive Malignancy of Likely Breast Origin.](#) Berger G, Jackson-Tarlton C, Rayson D, Silver A, **Walsh M**, **Drohan A**. Curr Oncol. 2025 Aug 6;32(8):440.

[From Scalpel to Syringe: Intralesional Interleukin-2-Based Therapy is Effective for Locally Advanced Periocular Cutaneous Squamous Cell Carcinoma.](#) Seddigh S, Lee F, Vidovic D, Gruchy JR, **Giacomantonio C**, Hussain A. Ophthalmol Ther. 2025 Nov 6.

Basic Science

[Inducing Targeted Mild Hyperthermia in Murine Tumor Models through Photothermal Conversion of Near-infrared Light by Intratumoral Gold Nanorods.](#) Clark KN, Kennedy BE, Dean C, Subramanian G, Nofall EB, Gormley C, **Giacomantonio CA**. J Vis Exp. 2025 Oct 10;(224). Basic Science

[Targeted intra-tumoral hyperthermia using uniquely biocompatible gold nanorods induces strong immunogenic cell death in two immunogenically 'cold' tumor models](#) Barry E Kennedy, Erin B Nofall , Cheryl Dean , Alexander Roth , Kate N Clark , Darren Rowles , Kulbir Singh ³, Len Pagliaro ³, **Carman A Giacomantonio**- Front Immunol 2025 Jan 13:15:1512543. Basic Science

[Knowledge Translation Interventions to Address Gaps in Rectal Cancer Care.](#) Erin D Kennedy ^{1 2 3}, Amandeep Pooni ^{2 4}, Selina Schmocker ³, Carl Brown ⁵, Anthony MacLean ⁶, Nancy N Baxter ⁷, Lara Williams ⁸, Marko Simunovic ⁹, Sender Liberman ¹⁰, Sébastien Drolet ¹¹, **Katerina Neumann** ¹², Kartik Jhaveri ^{2 13}, Richard Kirsch ^{2 14} JAMA Netw Open. 2025 Feb 3;8(2):e2461047.

[Development of a Clinical Prediction Model for Anastomotic Leakage in Colorectal Surgery.](#) Ochs V, Taha-Mehlitz S, Lavanchy JL, Steinemann D, Müller BP, Rosenberg R, Flaifel M, Enodien B, Frey DM, Baltuonis M, Vorburger S, Flemming S, Kollmann L, Lock JF, Staartjes VE, Grass JK, Melling N, Rousek M, Degutyte AE, Abeciunas V, Poskus T, Ponholzer F, Öfner D, El-Hussuna A, Bardakcioglu O, **Neumann K, Spence RT**, Sutton T, Honaker MD, Cattin PC, Taha A; 2015 *European Society of Coloproctology Collaborating Group* .JAMA Netw Open. 2025 Oct 1;8(10):e2538267.

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[Liver Discard Rate Attributable to Conservative Estimations of Steatosis: An Inference-based Approach.](#) Guo H, **Gala-Lopez BL**, Alwayn IPJ, Hewitt KC. Transplantation. 2025 May 8.

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[A Scoping Review and Realist Synthesis of Surgical Trainees' Perspectives in Competency-based Training.](#) **McFadgen H**, Louridas M, Vernon J, Alibhai K, Brydges R. Ann Surg. 2025 Aug 27.

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[Magnetic duodenoileal anastomosis with sleeve gastrectomy: a prospective multicenter study.](#) Laurent Biertho ¹, Simon Marceau ², Mélanie Nadeau ³, Stéfane Lebel ², François Julien ², André Tchernof ³, Thomas Ransom ⁴, **Richard T Spence ⁵, James Ellesmere ⁵** Surg Obes Relat Dis. 2025 Feb;21(2):166-174.

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