

Publications by SSTP residents: June 1 2025 – October 31 2025

[Corrigendum to "Angiogenesis-related proteins as biomarkers for peripheral artery disease" \[Heliyon Volume 9, Issue 9, September 2023, Article e20166\].](#)

Li B, Djahanpour N, Zamzam A, Syed MH, Jain S, Abdin R, Qadura M. Heliyon. 2025 Jun 6;11(11):e43473. doi: 10.1016/j.heliyon.2025.e43473. eCollection 2025 Jun. PMID: 41216310 **Free PMC article.**

[The 2025 update on artificial intelligence models in pediatric urology: Results from the AI-PEDURO collaborative.](#)

Khondker A, Ahmad I, Dhalla R, Kaushal S, **Kwong JCC**, Rickard M, Erdman L, Gabrielson AT, **Nguyen DD**, Kim JK, Chun B, Abbas T, Fernandez N, Fischer K, 't Hoen LA, Keefe DT, Nelson CP, Wang HS, Weaver J, Lorenzo AJ. J Pediatr Urol. 2025 Oct 25:S1477-5131(25)00575-3. doi: 10.1016/j.jpuro.2025.10.013. Online ahead of print. PMID: 41198493

[What traits do urology programs value in elective students? A survey of Canadian selection committee members.](#)

Niakani S, **Nguyen DD**, Aubé-Peterkin M. Can Urol Assoc J. 2025 Oct 27. doi: 10.5489/cuaj.9303. Online ahead of print. PMID: 41191828 **Free article.**

[Multi-network dynamical structure of the human brain in the setting of chronic pain: a coordinate-based meta-analysis.](#)

Dhanaraj V, Rolfe NW, Dadario NB, Dhaliwal J, **Samuel N**, Hormovas J, Young IM, Odonkor CA, Yeung J, Teo C, Doyen S, Sughrue ME. Brain Commun. 2025 Oct 29;7(5):fcf343. doi: 10.1093/braincomms/fcaf343. eCollection 2025. PMID: 41169268 **Free PMC article.**

[Large language model chatbots for patient education in kidney stones: a scoping review.](#)

Goudrar R, Zekraoui O, Moussa I, **Nguyen DD**, Bouhadana D, **Li T**, Gauhar V, Yuen SKK, Bhojani N. World J Urol. 2025 Oct 29;43(1):641. doi: 10.1007/s00345-025-06019-z. PMID: 41160267 Review.

[Identifying Plasma Biomarkers That Predict Patient-Reported Outcomes Following Treatment for Trapeziometacarpal Osteoarthritis Using Machine Learning.](#)

Maniglio M, **Saggaf M**, Purohit N, Antflek D, Rockel JS, Kapoor M, Baltzer HL. Int J Mol Sci. 2025 Oct 10;26(20):9856. doi: 10.3390/ijms26209856. PMID: 41155150 **Free PMC article.**

[Bridging the representation gap in the **surgical** workforce: a scoping review protocol of programmes and interventions to support **surgical** careers for underrepresented minority learners.](#)

Qureshi AR, Halabian N, **Malhotra AK**, Majeed M, Bhatt V, Anifowose A, Alam A, **Nguyen DD**, Yibrehu B, **Ayoo K**, **Bondzi-Simpson A**, Brar S; UpSurge Research Group. BMJ Open. 2025 Oct 27;15(10):e104085. doi: 10.1136/bmjopen-2025-104085. PMID: 41145260 **Free PMC article**.

[Hypofractionation of Gamma Knife Radiosurgery for Intracranial Meningiomas: A Retrospective Multicenter Study and Systematic Review of Literature.](#)

Meng Y, Tsang DS, Bernstein K, Santhumayor B, Mashiach E, **Wang JZ**, Suppiah S, Sen C, Pacione D, Donahue B, Sulman E, Silverman J, Golfinos J, Zadeh G, Kondziolka D. Neurosurgery. 2025 Oct 27. doi: 10.1227/neu.0000000000003809. Online ahead of print. PMID: 41143532

[Intraductal Carcinoma Predicts Poor Response to Neoadjuvant Therapy in High-risk Prostate Cancer: A Retrospective Analysis of a Prospective Trial.](#)

Bernardino RM, Yin LB, Lajkosz K, Winkquist E, Cockburn JG, Jenjitrant P, Veloso R, ÓConnell C, Benitez AM, **Nguyen DD**, Matthiesen R, Henrique R, Joshua AM, van der Kwast T, Fleshner NE. Eur Urol Open Sci. 2025 Oct 14;82:52-58. doi: 10.1016/j.euros.2025.09.015. eCollection 2025 Dec. PMID: 41142038 **Free PMC article**.

[Integration of social determinants of health in quality indicators for colorectal cancer **surgery**: a scoping review.](#)

Bondzi-Simpson A, **Ribeiro T**, **Zhu A**, Lofters A, Covelli A, Snyder RA, Clarke CN, Coburn NG, Hallet J. Eclinicalmedicine. 2025 Oct 9;89:103565. doi: 10.1016/j.eclinm.2025.103565. eCollection 2025 Nov. PMID: 41140444 **Free PMC article**. Review.

[Fix the phalanx: A meta-analysis comparing intramedullary screws, pinning, plates, and lag screws for closed extra-articular proximal phalanx fractures.](#)

Hall B, Khan S, Essa A, **Koucheki R**, Paul R, Chan A, Zuo KJ, Persitz J. Hand Surg Rehabil. 2025 Oct 22;102524. doi: 10.1016/j.hansur.2025.102524. Online ahead of print. PMID: 41135822 **Free article**. Review.

[Capturing Brain Response Patterns to Subcallosal Cingulate Deep Brain Stimulation Using Cycling fMRI: A Proof-of-Concept Study: Acquisition de schémas cérébraux de réponse à la stimulation](#)

[cérébrale profonde ciblant le cortex cingulaire subgénual à l'aide de l'IRMf en cycles : étude de validation.](#)

Iskin SA, Elias GJB, Naheed A, Pinto J, Omere U, Kennedy SH, **Loh A**, Ajala A, Santyr B, Boutet A, Lozano AM, Germann J. Can J Psychiatry. 2025 Oct 23:7067437251387573. doi: 10.1177/07067437251387573. Online ahead of print. PMID: 41129720 **Free PMC article.**

[Pediatric "Super Responders" to Vagus Nerve Stimulation Achieve Early Seizure Freedom With Low-Charge Density.](#)

Tamura G, Go C, Vaughan KA, Singleton WGB, **Suresh H**, Jain P, Chau V, McRae L, Yau I, Otsubo H, Donner EJ, Rutka JT, Ibrahim GM. Neuromodulation. 2025 Oct 23:S1094-7159(25)01034-7. doi: 10.1016/j.neurom.2025.09.309. Online ahead of print. PMID: 41128704

[Status dystonicus is a distinct state characterized by pallidal beta-band activity.](#)

Balachandar A, Vogt LM, **Mithani K**, Coleman SC, Ebdem M, Leblanc-Miller A, Breitbart S, Fasano A, Gorodetsky C, Ibrahim GM. Nat Commun. 2025 Oct 22;16(1):9352. doi: 10.1038/s41467-025-64416-9. PMID: 41125573 **Free PMC article.**

[Principles and techniques to reduce the incidence of fistula: a review of over 1000 cleft palate repairs by a single surgeon.](#)

Podolsky DJ, Riff KWW, **Saggaf M**, Fisher DM. Plast Reconstr Surg. 2025 Oct 20. doi: 10.1097/PRS.00000000000012549. Online ahead of print. PMID: 41115309

[Trends and Outcomes of Mechanical Circulatory Support in Acute MI and Cardiogenic Shock Patients Undergoing Coronary Artery Bypass Grafting.](#)

An KR, Harik L, Rahouma M, Caldonazo T, Habib RH, **Dhingra NK**, Yau TM, Rao V, Takeda K, Sandner S, Girardi LN, Naka Y, Gaudino MFL. Ann Thorac Surg. 2025 Oct 16:S0003-4975(25)00983-X. doi: 10.1016/j.athoracsur.2025.09.022. Online ahead of print. PMID: 41109582

[Evaluating the association between a backlog of scheduled colectomies for diverticulitis and concurrent rates of emergency diverticulitis procedures: a natural experiment using population-based data.](#)

Telesnicki T, Stukel TA, de Buck van Overstraeten A, Wilton A, de Mestral C, Gomez D. J Gastrointest Surg. 2025 Oct 14;29(12):102257. doi: 10.1016/j.gassur.2025.102257. Online ahead of print. PMID: 41101380 No abstract available.

[Author's reply to comment on: postoperative outcomes following revision or conversion **surgery** after primary sleeve gastrectomy: an analysis of the MBSAQIP database.](#)

Brar K, Sudan R, Seymour KA, Eckhouse SR, Jung JJ. Surg Obes Relat Dis. 2025 Jul 5:S1550-7289(25)00775-0. doi: 10.1016/j.soard.2025.06.011. Online ahead of print. PMID: 41093704 No abstract available.

[Blood loss during pancreatic **surgery**: defining minimal clinically significant difference using standardized estimation.](#)

Perri G, **Ribeiro T**, Maekawa A, Dall'Olio T, Romandini E, Ghorbani P, Cillo U, Fong ZV, Marchegiani G, Sparrelid E, Hallet J. Br J Surg. 2025 Oct 3;112(10):znaf215. doi: 10.1093/bjs/znaf215. PMID: 41092405 No abstract available.

[Chronic pain after decompression for degenerative cervical myelopathy: a pooled trajectory analysis of individual participant data.](#)

Bak AB, **Moghaddamjou A**, Arnold PM, Harrop JS, Fehlings MG. Pain. 2025 Oct 15. doi: 10.1097/j.pain.0000000000003828. Online ahead of print. PMID: 41086299

[Streamlining Your Arthroplasty Practice: Establishing Efficiency.](#)

Lex JR, Wolfstadt JI, Rozell JC, Bernstein JA, Landy DC. J Arthroplasty. 2025 Oct 10:S0883-5403(25)01245-8. doi: 10.1016/j.arth.2025.09.053. Online ahead of print. PMID: 41075943 No abstract available.

[Surgical Complications of Deep Brain Stimulation in Children Across Targets and Indications: Multicenter Analysis of the CHILD-DBS Registry.](#)

Balachandar A, Verhey LH, **Mithani K**, **Suresh H**, Kerr EN, Breitbart SC, Kisteroff F, Huynh M, Fasano A, Ebrahimi-Fakhari D, Yang K, Ruppert-Gomez M, Stone SSD, Northam W, Gadgil N, Raskin JS, Weil A, Hadjinicolaou A, Meijer IA, Iorio-Morin C, Gorodetsky C, Ibrahim GM. Neurology. 2025 Nov 11;105(9):e214201. doi: 10.1212/WNL.00000000000214201. Epub 2025 Oct 10. PMID: 41071966

[Utility of quantitative pathologic analysis of pT1 colorectal carcinomas to improve prediction of lymph node metastasis.](#)

Nayak P, Kosiorek H, Pai RK, Shivji S, Hagen CE, Graham RP, Buchanan DD, Jenkins MA, Phipps AI, Le Marchand L, Wu C, Samadder NJ, Swallow CJ, Gallinger SJ, Grant RC, Westerling-Bui T, Conner J, **Cyr DP**, Kirsch R, Pai RK. Virchows Arch. 2025 Oct 8. doi: 10.1007/s00428-025-04284-2. Online ahead of print. PMID: 41062885

[Development and International Evaluation of an Artificial Intelligence-based Model \(PROGRxN-BCa\) Using the World Health Organization 2004/2022 Grading System to Predict Progression Risk and Improve Substratification for Non-muscle-invasive Bladder Cancer.](#)

Kwong JCC, Al-Daqqaq Z, Chelliahpillai Y, Lee S, Kim K, Ringa M, Feifer A, Lajkosz K, Wettstein MS, Chan A, Lee T, Nguyen M, Kassouf W, Black PC, Breau RH, Lodde M, Fairey A, Lattouf JB, Jeldres C, Rendon R, Alimohamed N, Fleshner NE, Diamand R, Gontero P, Sylvester RJ, van Rhijn BWG, Kamat AM, Johnson AEW, Zlotta AR, Kulkarni GS; PROGRxN-BCa Consortium. Eur Urol. 2025 Oct 7:S0302-2838(25)04688-3. doi: 10.1016/j.eururo.2025.09.4145. Online ahead of print. PMID: 41062388

[Cost-Utility Analysis of Ligament Reconstruction Tendon Interposition Versus Suture Suspension Arthroplasty for Thumb Osteoarthritis.](#)

Wong CR, Zhu A, Urbach DR, Retrouvey H, Witiw C, Baltzer HL. Plast Reconstr Surg Glob Open. 2025 Oct 6;13(10):e7186. doi: 10.1097/GOX.00000000000007186. eCollection 2025 Oct. PMID: 41059168 **Free PMC article.**

[Dorsal Approach for Corticosteroid Injection in Trigger Finger Management: A Scoping Review.](#)

Nasser M, Soro K, **Barone N**, Zuo KJ. Plast Surg (Oakv). 2025 Oct 1:22925503251379892. doi: 10.1177/22925503251379892. Online ahead of print. PMID: 41050836 **Free PMC article.** Review.

[Is it time for Canada to revisit its approach to prostate cancer screening?](#)

Nguyen DD, Lofters A, Wallis CJD, Zlotta AR, Fleshner NE, Trinh QD, Finelli A, Rosella LC, Detsky AS, Roobol MJ, Kulkarni GS. Lancet Reg Health Am. 2025 Jul 24;49:101180. doi: 10.1016/j.lana.2025.101180. eCollection 2025 Sep. PMID: 41040538 **Free PMC article.** Review.

[Prostate cancer screening in transgender women/transfeminine persons: Building on Canadian evidence.](#)

Nguyen DD, Ahmad I, Potter E, Millman A, Krakowsky Y. Urol Oncol. 2025 Sep 30:S1078-1439(25)00360-6. doi: 10.1016/j.urolonc.2025.09.004. Online ahead of print. PMID: 41033897 No abstract available.

[Increasing access for underrepresented learners in surgery: A perspective from building the UpSurge program.](#)

Bondzi-Simpson A, Yibrehu B, **Nguyen DD**, **Malhotra AK**, **Ayoo K**, Okafor I, Ahmed N, Brar S. Ann Surg Open. 2025 Sep 10;6(3):e605. doi: 10.1097/AS9.0000000000000605. eCollection 2025 Sep. PMID: 40989863 **Free PMC article**. No abstract available.

[Reply.](#)

Li B, Eisenberg N, Beaton D, Lee DS, Al-Omran L, Wijesundera DN, Hussain MA, Rotstein OD, de Mestral C, Mamdani M, Roche-Nagle G, Al-Omran M. J Vasc Surg. 2025 Oct;82(4):1545-1547. doi: 10.1016/j.jvs.2025.06.037. PMID: 40967721 No abstract available.

[Upper Extremity Sensation After **Surgery** for Degenerative Cervical Myelopathy, Does it Change? An Observational Study from the Canadian Spine Outcomes and Research Network \(CSORN\).](#)

Karthikeyan V, Dea N, **Malhotra AK**, **Shakil H**, Cadotte DW, Singh S, Weber MH, Phan P, Glennie A, Wang Z, Small C, Soroceanu A, Urquhart JC, Paquet J, Christie SD, Rampersaud R, Evaniew N, Wilson JR. Spine (Phila Pa 1976). 2025 Sep 16. doi: 10.1097/BRS.00000000000005507. Online ahead of print. PMID: 40955710

[Augmenting AMPA receptor signaling after spinal cord injury increases ependymal-derived neural stem/progenitor cell migration and promotes functional recovery.](#)

Hachem LD, Moradi Chameh H, Balbinot G, Mothe AJ, Pacis A, Geng Li RT, Valiante TA, Lu W, Tator CH, Fehlings MG. Nat Neurosci. 2025 Oct;28(10):2054-2066. doi: 10.1038/s41593-025-02044-8. Epub 2025 Sep 15. PMID: 40954308

[Costs of resolving a ureteral or kidney stone episode worldwide: a systematic review.](#)

Zekraoui O, Moussa I, Lee N, **Nguyen DD**, Guennoun A, Bouhadana D, Murad L, Siron N, Chen K, Bhojani N. Int Urol Nephrol. 2025 Sep 15. doi: 10.1007/s11255-025-04784-9. Online ahead of print. PMID: 40952639 Review.

[A necessary paradigm shift: recognizing the surgeon-advocate in academic **surgery**.](#)

Bondzi-Simpson A, Yibrehu B, Brar AK, Bakhache N, **Ayoo K**, Yee E, **Valiquette C**, Fellows TK, **Nguyen DD**, **Malhotra AK**, Ahmed N, Brar S; UpSurge Research Group. Can J Surg. 2025 Sep 11;68(5):E346-E352. doi: 10.1503/cjs.014224. Print 2025 Sep-Oct. PMID: 40935593 **Free PMC article**.

[Current landscape of immunotherapy for CNS tumors.](#)

Landry AP, Dunn GP, Lim M. Neurooncol Adv. 2025 Sep 9;7(Suppl 4):iv1-iv3. doi: 10.1093/noajnl/vdaf118. eCollection 2025 Sep. PMID: 40933035 **Free PMC article**. Review. No abstract available.

[Biomarkers of immunotherapy response in neuro-oncology.](#)

Landry AP, Ellenbogen Y, Ajisebutu A, **Gui C**, Gao A, Nassiri F, Zadeh G. Neurooncol Adv. 2025 Sep 9;7(Suppl 4):iv32-iv40. doi: 10.1093/noajnl/vdaf104. eCollection 2025 Sep. PMID: 40933032 **Free PMC article**. Review.

[Using Machine Learning to Predict-Then-Optimize Elective Orthopedic Surgery Scheduling to Improve Operating Room Utilization: Retrospective Study.](#)

Lex JR, Abbas A, Mosseri J, Singh Toor J, Simone M, Ravi B, Whyne C, Khalil EB. JMIR Med Inform. 2025 Sep 10;13:e70857. doi: 10.2196/70857. PMID: 40930109 **Free PMC article**.

[Next-gen minimally invasive surgical therapies for benign prostatic hyperplasia: innovations, selection, and best practices- a review from European Association of Urology endourology.](#)

Pace KJC, **Li T**, Elterman DS. Curr Opin Urol. 2025 Sep 8. doi: 10.1097/MOU.0000000000001335. Online ahead of print. PMID: 40923125

[Elevated Lipoprotein\(a\) Levels and Massive Ruptured Root and Ascending Aortic Aneurysm.](#)

Patel SK, Hassan SMA, **Dhingra NK**, Verma R, Verma S. JACC Case Rep. 2025 Sep 3;30(26):104921. doi: 10.1016/j.jaccas.2025.104921. PMID: 40912852 **Free PMC article**.

[Analysis of TERT association with clinical outcome in meningiomas: a multi-institutional cohort study.](#)

Gui C, Wang JZ, Patil V, **Landry AP**, Singh O, Castelo-Branco P, Tabori U, Aldape K, Behling F, Barnholtz-Sloan JS, Horbinski C, Tabatabai G, Ajisebutu A, Liu J, Patel Z, Yakubov R, Kaloti R, **Ellenbogen Y**, Wilson C, Cohen-Gadol A, Tatagiba M, Holland EC, Sloan AE, Chotai S, Chambless LB, Gao A, Makarenko S, Yip S, Nassiri F, Zadeh G; International Consortium on Meningiomas (ICOM). Lancet Oncol. 2025 Sep;26(9):1191-1203. doi: 10.1016/S1470-2045(25)00267-0. PMID: 40907516

[The effect of TERT promoter mutation on predicting meningioma outcomes: a multi-institutional cohort analysis.](#)

Groff KJ, Patel RV, Feng Y, Ghosh HS, Millares Chavez MA, O'Brien J, Chen WC, Nitturi V, Save AV, Youngblood MW, Horbinski CM, Chandler JP, Ehret F, **Gui C, Wang JZ**, Park K, Ajmera S, Rosenblum M, Suwala AK, Kresbach C, Mount CW, Schüller U, Santagata S, Sahm F, Bale TA, Jackson C, Richardson TE, Cai C, Nassiri F, Zadeh G, Kaul D, Capper D, Magill ST, Golfinos JG, Sen C, Patel AJ, Raleigh DR, Moliterno J, Pacione D, Snuderl M, Bi WL. *Lancet Oncol.* 2025 Sep;26(9):1178-1190. doi: 10.1016/S1470-2045(25)00422-X.PMID: 40907515

[Association of patient and physician characteristics with androgen-deprivation-therapy intensification in patients with de novo hormone-sensitive metastatic prostate cancer: A population-based study.](#)

Nguyen DD, Satkunasivam R, Aminoltejari K, Hird A, Roy S, Morgan SC, Malone S, Ong M, Jiang DM, Gotto GT, Shayegan B, Kulkarni GS, Breau RH, Lalani AA, Wallis CJD. *Cancer.* 2025 Sep 15;131(18):e70070. doi: 10.1002/cncr.70070.PMID: 40906580 **Free PMC article.**

[Patient-Reported Symptoms and Direct Health Care Costs in Head and Neck Cancer.](#)

Ayoo K, Sutradhar R, Li Q, Villemure-Poliquin N, Fu R, Chan KKW, Karam I, Wright F, Coburn NG, Hallet J, Eskander A. *JAMA Otolaryngol Head Neck Surg.* 2025 Oct 1;151(10):976-983. doi: 10.1001/jamaoto.2025.2641.PMID: 40906487

[Association of Neighborhood Socioeconomic Status and Ethnic Diversity with Failure to Rescue in Curative-intent Colorectal Cancer **Surgery**: A Population-based Cohort Study.](#)

Bondzi-Simpson A, Ribeiro T, Covelli A, Lofters A, Sutradhar R, Snyder RA, Clarke CN, Coburn NG, Hallet J. *Ann Surg.* 2025 Sep 3. doi: 10.1097/SLA.0000000000006928. Online ahead of print.PMID: 40899728

[Biomechanics of the Aortic Root and Ascending Aorta in Patients With Marfan Syndrome.](#)

Eliathamby D, Yap HWY, **Elbatarny M**, Cillero Rodrigo A, Guruji V, Peterson S, Alam T, Ouzounian M, Simmons CA, Chung JC. *Eur J Cardiothorac Surg.* 2025 Sep 2;67(9):ezaf293. doi: 10.1093/ejcts/ezaf293.PMID: 40888750

[Fetal therapies in congenital diaphragmatic hernia: a review of possibilities and practical challenges.](#)

Dekirmendjian A, Doktor F, Antounians L, Zani A. *Semin Fetal Neonatal Med.* 2025 Oct;30(3):101656. doi: 10.1016/j.siny.2025.101656. Epub 2025 Aug 22.PMID: 40877055 Review.

[Barriers and Enablers to Engaging with Long-Term Follow-Up Care Among Canadian Survivors of Pediatric Cancer: A COM-B Analysis.](#)

Wright H, Hou SHJ, Henry B, Drummond R, Mendonça K, Forbes C, Rahamatullah I, Duong J, Erker C, **Taccone MS**, Sutherland RL, Nathan PC, Spavor M, Goddard K, Reynolds K, Paulse S, Flanders A, Schulte FSM. *Curr Oncol*. 2025 Jul 30;32(8):427. doi: 10.3390/currenocol32080427. PMID: 40862796 **Free PMC article.**

[Multifocal extramural venous invasion is a powerful predictor of adverse oncological outcomes in stages I-III colorectal cancer.](#)

Sari A, **Cyr DP**, Pun C, Shivji S, Ng D, Duan K, Brar A, Zerhouni S, Tomin R, Swallow CJ, Kennedy ED, Brar MS, Conner JR, Kirsch R. *Histopathology*. 2025 Aug 27. doi: 10.1111/his.15519. Online ahead of print. PMID: 40862647

[Phenotypes of Peril: The Hidden Burden of End-Organ Failure in Cardiogenic Shock.](#)

Dhingra NK, Blum M, Mehra MR. *J Card Fail*. 2025 Oct;31(10):1523-1525. doi: 10.1016/j.cardfail.2025.08.004. Epub 2025 Aug 20. PMID: 40846298 No abstract available.

[ASO Author Reflections: Beyond Survival-Risk Communication for Older Adults Preparing for Cancer Surgery.](#)

Hallet J, **Ribeiro T**, Mahar A, Hsu A. *Ann Surg Oncol*. 2025 Oct;32(10):7782-7783. doi: 10.1245/s10434-025-18108-9. Epub 2025 Aug 20. PMID: 40836153 No abstract available.

[In Reply: Optimal Tracheostomy Timing After Traumatic Complete Spinal Cord Injury: A Comparative Analysis of Ultraearly, Early, and Delayed Practice.](#)

Essa A, **Shakil H**, **Malhotra AK**, Yuan EY, Witiw CD. *Neurosurgery*. 2025 Aug 18;97(4):e139. doi: 10.1227/neu.0000000000003713. PMID: 40824045 No abstract available.

[One Side or Two? A Systematic Review of Deep Brain Stimulation Approaches in Movement Disorders.](#)

Vetkas A, Yang A, Boutet A, Cheyuo C, Santyr B, Sarica C, Davidson B, Fomenko A, **Samuel N**, Lang S, Sumarac S, Milosevic L, Valiante T, Hodaie M, Kalia SK, Lozano AM. *Mov Disord Clin Pract*. 2025 Aug 14. doi: 10.1002/mdc3.70274. Online ahead of print. PMID: 40810258 Review.

[Investigation of Growth Differentiation Factor 15 as a Prognostic Biomarker for Major Adverse Limb Events in Peripheral Artery Disease.](#)

Li B, Shaikh F, Younes H, Abuhalmeh B, Zamzam A, Abdin R, Qadura M.J Clin Med. 2025 Jul 24;14(15):5239. doi: 10.3390/jcm14155239.PMID: 40806859 **Free PMC article.**

[Omission of anthracyclines from neoadjuvant chemotherapy for breast cancer: a population-based analysis.](#)

Mata DGMM, Sutradhar R, **Castelo M**, Hahn E, Nguyen L, Rodin D, Fatiregun O, Trebinjac S, Paszat L, Eisen A, Jerzak KJ, Rakovitch E.Breast Cancer Res Treat. 2025 Oct;213(3):335-346. doi: 10.1007/s10549-025-07778-4. Epub 2025 Aug 13.PMID: 40801982

[A review of North American orthopaedic trauma and fracture registries.](#)

Lingampalli N, **Schemitsch GW**, Obremskey W, Schemitsch EH, Levack AE.OTA Int. 2025 Aug 12;8(4 Suppl):e390. doi: 10.1097/OI9.0000000000000390. eCollection 2025 Aug.PMID: 40799973 **Free PMC article.** Review.

[Predictors of Conversion Total Hip Arthroplasty After Surgically Managed Acetabulum Fractures: A Prognostic Factor Systematic Review and Meta-Analysis.](#)

Schemitsch GW, Lameire DL, Hoit G, Vyas M, Khoshbin A, Fowler R, Nauth A, Adhikari NKJ.JBJS Rev. 2025 Aug 8;13(8). doi: 10.2106/JBJS.RVW.25.00086. eCollection 2025 Aug 1.PMID: 40779655

[Longitudinal image-based prediction of **surgical** intervention in infants with hydronephrosis using deep learning: Is a single ultrasound enough?](#)

Khondker A, Hua SBZ, **Kwong JCC**, Sheth K, Alvarez D, Velaer KN, Weaver J, Xiang A, Tasian GE, Lorenzo AJ, Goldenberg A, Rickard M, Erdman L.PLOS Digit Health. 2025 Aug 4;4(8):e0000939. doi: 10.1371/journal.pdig.0000939. eCollection 2025 Aug.PMID: 40758672 **Free PMC article.**

[Predictive validity of chronic obstructive pulmonary disease phenotypes in inpatient elective **surgery**: a population-based study.](#)

Sankar A, **Daza JF**, Munn JS, McIsaac DI, Wijesundera DN, Austin PC, Gershon AS.Br J Anaesth. 2025 Nov;135(5):1307-1315. doi: 10.1016/j.bja.2025.07.036. Epub 2025 Jul 31.PMID: 40750463 **Free PMC article.**

[Growth Differentiation Factor 15 Predicts Cardiovascular Events in Peripheral Artery Disease.](#)

Li B, Shaikh F, Younes H, Abuhalmeh B, Zamzam A, Abdin R, Qadura M. *Biomolecules*. 2025 Jul 11;15(7):991. doi: 10.3390/biom15070991. PMID: 40723863 **Free PMC article**.

[Interferon Gamma and Tumor Necrosis Factor Alpha Are Inflammatory Biomarkers for Major Adverse Cardiovascular Events in Patients with Peripheral Artery Disease.](#)

Li B, Lindner E, Abuhalmeh R, Shaikh F, Younes H, Abuhalmeh B, Zamzam A, Abdin R, Qadura M. *Biomedicines*. 2025 Jun 29;13(7):1586. doi: 10.3390/biomedicines13071586. PMID: 40722661 **Free PMC article**.

[Reliable Outcomes Provided by a Rotating Hinge Knee Arthroplasty for Patients Who Have Moderate-To-Severe Arthrofibrosis.](#)

Lex JR, Entezari B, Backstein DJ, Wolfstadt JJ. *J Arthroplasty*. 2025 Jul 24:S0883-5403(25)00905-2. doi: 10.1016/j.arth.2025.07.041. Online ahead of print. PMID: 40714210 **Free article**.

[The sodium-glutamate antagonist riluzole improves outcome after acute spinal cord injury: results from the RISCIS randomised controlled trial analysed using a global statistical analytic technique.](#)

Fehlings MG, Pedro KM, Alvi MA, **Moghaddamjou A**, Harrop JS, Stanford R, Ball J, Aarabi B, Arnold PM, Guest JD, Kurpad SN, Schuster JM, Nassr AN, Schmitt KM, Wilson JR, Brodke DS, Ahmad FU, Yee A, Ray WZ, Brooks NP, Wilson J, Chow DS, Touns EG, Thorpe KE, Huang J, Huang P. *EBioMedicine*. 2025 Aug;118:105863. doi: 10.1016/j.ebiom.2025.105863. Epub 2025 Jul 24. PMID: 40712181 **Free PMC article**. Clinical Trial.

[Carbonic Anhydrase Inhibition Sensitizes Group 3 Medulloblastoma to Radiotherapy.](#)

Richman CM, Rasnitsyn A, Holgado BL, Vladoiu M, Abeyundara N, Majo S, Chabi S, Taunay LJ, Suzuki H, Shibahara I, Haapasalo J, Pallotta JG, Douglas T, Kharas K, **Juraschka K**, Ocsenas O, Kumar SA, Nordfors K, Guerreiro Stücklin A, Suarez RA, Zhang J, Wu X, Daniels C, Garzia L, Reimand J, Saulnier O, Merchant TE, Pouponnot C, Raleigh DR, Taylor MD, De Antonellis P. *Cancer Res*. 2025 Oct 1;85(19):3737-3751. doi: 10.1158/0008-5472.CAN-24-3894. PMID: 40712054 **Free PMC article**.

[The Prognostic Potential of Insulin-like Growth Factor-Binding Protein 1 for Cardiovascular Complications in Peripheral Artery Disease.](#)

Li B, Shaikh F, Younes H, Abuhalmeh B, Zamzam A, Abdin R, Qadura M. *J Cardiovasc Dev Dis*. 2025 Jul 1;12(7):253. doi: 10.3390/jcdd12070253. PMID: 40710778 **Free PMC article**.

[Predicting outcomes following endovascular aortoiliac revascularization using machine learning.](#)

Li B, Aljabri B, Beaton D, Al-Omran L, Hussain MA, Lee DS, Wijeyesundera DN, Rotstein OD, de Mestral C, Mamdani M, Al-Omran M. NPJ Digit Med. 2025 Jul 24;8(1):475. doi: 10.1038/s41746-025-01865-y. PMID: 40707760 **Free PMC article**.

[Homecare After Cancer **Surgery** for Older Adults: Derivation and Validation of a Predictive Tool.](#)

Hallet J, **Ribeiro T**, Mahar AL, Chan WC, McIsaac DI, Gombay A, Ding A, Armah J, Coburn N, Hsu AT; members of the REcovery after Surgical Therapy for Older adults Research-Cancer (RESTORE-Cancer) group. Ann Surg Oncol. 2025 Oct;32(10):7680-7692. doi: 10.1245/s10434-025-17824-6. Epub 2025 Jul 24. PMID: 40705263

[Laminoplasty compared to laminectomy and fusion for degenerative cervical myelopathy: a cost-utility analysis.](#)

Lozano CS, Karthikeyan V, Malhotra AK, Shakil H, Ishaque A, **Saini J**, He Y, Yuan EY, Badhiwala JH, Fehlings MG, Wilson JR, Witiw CD. N Am Spine Soc J. 2025 Jun 24;23:100753. doi: 10.1016/j.xnsj.2025.100753. eCollection 2025 Sep. PMID: 40704165 **Free PMC article**.

[Association of Traditional and New **Surgical** Wait Time Targets and Survival for Curative-intent Colorectal Cancer **Surgery**: A Population-based Cohort Study.](#)

Bondzi-Simpson A, Sutradhar R, Wright FC, **Ribeiro T**, Chan WC, Perera S, Covelli A, Lofters A, Snyder RA, Clarke CN, Coburn NG, Hallet J. Ann Surg. 2025 Oct 1;282(4):608-619. doi: 10.1097/SLA.0000000000006846. Epub 2025 Jul 23. PMID: 40698777

[Author Correction: Oncolytic DNX-2401 virotherapy plus pembrolizumab in recurrent glioblastoma: a phase 1/2 trial.](#)

Nassiri F, Patil V, **Yefet LS**, Singh O, Liu J, Dang RMA, Yamaguchi TN, Daras M, Cloughesy TF, Colman H, Kumthekar PU, Chen CC, Aiken R, Groves MD, Ong SS, Ramakrishna R, Vogelbaum MA, Khagi S, Kaley T, Melear JM, Peereboom DM, Rodriguez A, Yankelevich M, Nair SG, Puduvalli VK, Aldape K, Gao A, López-Janeiro Á, de Andrea CE, Alonso MM, Boutros P, Robbins J, Mason WP, Sonabend AM, Stupp R, Fueyo J, Gomez-Manzano C, Lang FF, Zadeh G. Nat Med. 2025 Sep;31(9):3204. doi: 10.1038/s41591-025-03895-1. PMID: 40691367 **Free PMC article**. No abstract available.

[Central thalamic deep brain stimulation for disorders of consciousness: an individual participant data meta-analysis.](#)

Bergeron D, **Mithani K**, Raguž M, Chudy D, Huang Y, Hadjinicolaou A, Iorio-Morin C, Fournier-Gosselin MP, Obaid S, Ibrahim GM, Weil AG. J Neurosurg. 2025 Jul 18;143(5):1217-1226. doi: 10.3171/2025.3.JNS241092. Print 2025 Nov 1. PMID: 40680302

[Commercialization of medical artificial intelligence technologies: challenges and opportunities.](#)

Li B, Powell D, Lee R. NPJ Digit Med. 2025 Jul 18;8(1):454. doi: 10.1038/s41746-025-01867-w. PMID: 40676253 **Free PMC article.**

[Patients With Head and Neck Cancer and High Health Care Costs: A Population-Based Study.](#)

Villemure-Poliquin N, Fu R, Li Q, **Ayoo K**, Chan KKW, Karam I, Wright FC, Coburn NG, Hallet J, Eskander A. JAMA Otolaryngol Head Neck Surg. 2025 Jul 17:e251976. doi: 10.1001/jamaoto.2025.1976. Online ahead of print. PMID: 40674044

[Effect of blood pressure threshold on adverse outcomes in patients with acute spinal cord injury: a systematic review and meta-analysis.](#)

Tanvir A, Rizk AA, Wang W, Alsagga H, **Shakil H**, Le H, Mondal P, Zeiler FA, Chowdhury T. Crit Care. 2025 Jul 16;29(1):308. doi: 10.1186/s13054-025-05531-3. PMID: 40671034 **Free PMC article.**

[Surgical Outcomes Through the Patient's Eyes: A Scoping Review of Patient-Reported Outcome Measures in Surgery.](#)

Alanezi T, **Li B**, Al-Omran L, Alshabanah L, Alkhayal NK, Verma M, Alrumaih H, Hussain MA, Mamdani M, Al-Omran M. J Surg Res. 2025 Sep;313:120-130. doi: 10.1016/j.jss.2025.06.039. Epub 2025 Jul 15. PMID: 40669370 **Free article.**

[A role for early surgical intervention in childhood low-grade glioma? Illustrative case.](#)

Jung Y, Dirks J, Hawkins C, Tabori U, Das A, Bennett J, Dirks P, Quon JL. J Neurosurg Case Lessons. 2025 Jul 14;10(2):CASE2584. doi: 10.3171/CASE2584. Print 2025 Jul 14. PMID: 40658996 **Free PMC article.**

[Systems biology approaches investigating mitochondrial dysfunction in cyanotic heart disease: a systematic review.](#)

Elbatarny M, Lu YT, Hu M, Coles J, Mital S, Ross-White A, Honjo O, Barron DJ, Gramolini AO. EBioMedicine. 2025 Aug;118:105839. doi: 10.1016/j.ebiom.2025.105839. Epub 2025 Jul 11. PMID: 40651188 **Free PMC article.**

[Low-Tidal-Volume Ventilation and Mortality in Patients With Acute Brain Injury: A Secondary Analysis of an International Observational Study.](#)

Daza JF, Hamad DM, Urner M, Liu K, Wahlster S, Robba C, Stevens RD, McCredie VA, Cinotti R, Taran S; ENIO Study Group; PROtective VENTilation Network; European Society of Intensive Care Medicine; Colegio Mexicano de Medicina Critica; AtlanRéa Group; Société Française d'Anesthésie-Réanimation-SFAR Research Network. *Chest*. 2025 Nov;168(5):1141-1151. doi: 10.1016/j.chest.2025.06.042. Epub 2025 Jul 8. PMID: 40639639 **Free article**.

[Global **surgery** interest and engagement in Canadian thoracic **surgery** practice.](#)

Hilzenrat RA, **Bondzi-Simpson A**, Huynh C, Ko M, Ashrafi AS. *JTCVS Open*. 2025 May 4;25:501-509. doi: 10.1016/j.jxon.2025.03.020. eCollection 2025 Jun. PMID: 40630997 **Free PMC article**.

[Validation of the **Toronto** recurrence inference using machine-learning for post-transplant hepatocellular carcinoma model.](#)

Li Z, Chen IC, Centonze L, Magyar CTJ, **Choi WJ**, Ivanics T, O'Kane GM, Vogel A, Erdman L, De Carlis L, Lerut J, Lai Q, Agopian VG, Mehta N, Chen CL, Sapisochin G. *Commun Med (Lond)*. 2025 Jul 9;5(1):284. doi: 10.1038/s43856-025-00994-5. PMID: 40629061 **Free PMC article**.

[Long-term outcomes after per-oral endoscopic myotomy versus laparoscopic Heller myotomy in the treatment of achalasia: a systematic review and meta-analysis.](#)

Ma O, **Brar K**, McCluskey S, Morris-Janzen D, Peabody J, Turner S. *Surg Endosc*. 2025 Sep;39(9):5985-5994. doi: 10.1007/s00464-025-11895-y. Epub 2025 Jul 7. PMID: 40624423

[Therapeutic radiation drives leptomeningeal dissemination of medulloblastoma through an innate immune process.](#)

Nör C, Kharas K, Rasnitsyn A, Vladoiu MC, Cho NW, Young JS, Nör F, Mankahla N, Haapasalo J, Nordfors K, Rapic S, Skowron P, Suárez RA, Bahcheli AT, Ocsenas O, Chen X, Bahrampour S, Momin A, Sundaresan L, Ong W, Hendrikse LD, Abeyesundara N, **Juraschka K**, Ly M, Pallota JG, Douglas T, Huang N, Wang H, Mak E, Qin L, Liu J, Shen L, Luu B, Manno A, Kumar SA, Donovan LK, Fong V, Richman C, Daniels C, Garzia L, Rich JN, Hawkins C, Wu X, DaCosta R, Reimand J, Huang X, Ramaswamy V, Raleigh DR, Taylor MD. *Dev Cell*. 2025 Nov 3;60(21):2880-2896.e7. doi: 10.1016/j.devcel.2025.06.016. Epub 2025 Jul 2. PMID: 40609543

[The use of bone morphogenetic protein-2 compared with platelet-derived growth factor for the treatment of nonunion : a comparative investigation in a small animal critical-sized defect model.](#)

Raleigh M, Gagnon S, Felice H, Godbout CA, Halai MM, Atrey A, Khoshbin A, Hall J, Schemitsch E, Nauth A. *Bone Joint J*. 2025 Jul 1;107-B(7):744-751. doi: 10.1302/0301-620X.107B7.BJJ-2024-1127.R1. PMID: 40588262

[What defines response to vagus nerve stimulation in children with drug-resistant epilepsy? A prospective cohort study from the CONNECTiVOS collaboration.](#)

Niazi F, **Mithani K**, **Suresh H**, Wong SM, Yau I, McRae L, Dinger TF, Rutka JT, Ochi A, Otsubo H, Weiss S, Sham L, Donner E, Chau V, Hadjinicolaou A, Major P, Weil AG, Tailor J, Abel TJ, Remick M, Akwayena E, Schrader D, Bollo RJ, Smyth MD, Aum D, Lew S, Wang S, Niazi T, Raskin JS, Widjaja E, Weiner HL, Gadgil N, LoPresti MA, Albert GW, Fallah A, Kerr E, Smith ML, Jain P, Ibrahim GM. *Epilepsia*. 2025 Oct;66(10):3700-3715. doi: 10.1111/epi.18520. Epub 2025 Jun 26. PMID: 40574479 **Free PMC article.**

[Persistent fifth aortic arch in a neonate with interrupted aortic arch: an unexpected intraoperative finding.](#)

Provost B, Fournier E, **Deng MX**, Belli E. *Interdiscip Cardiovasc Thorac Surg*. 2025 Jun 4;40(6):ivaf145. doi: 10.1093/icvts/ivaf145. PMID: 40574475 **Free PMC article.**

[Association of Hepatocyte Growth Factor and Angiopoietin-2 with Systemic Cardiovascular Risk in Patients with Peripheral Artery Disease.](#)

Li B, Khalil AM, Abuhalmeh L, Shaikh F, Younes H, Abuhalmeh B, Zamzam A, Abdin R, Qadura M. *J Clin Med*. 2025 Jun 6;14(12):4031. doi: 10.3390/jcm14124031. PMID: 40565778 **Free PMC article.**

[Matrix Metalloproteinases 7 and 10 Are Prognostic Biomarkers for Systemic Cardiovascular Risk in Individuals with Peripheral Artery Disease.](#)

Li B, Shaikh F, Younes H, Abuhalmeh B, Zamzam A, Abdin R, Qadura M. *Biomolecules*. 2025 Jun 11;15(6):853. doi: 10.3390/biom15060853. PMID: 40563493 **Free PMC article.**

[Public Perception of the Brain-Computer Interface Based on a Decade of Data on X: Mixed Methods Study.](#)

Almanna MA, Elkaim LM, Alvi MA, Levett JJ, **Li B**, Mamdani M, Al-Omran M, Alotaibi NM. *JMIR Form Res*. 2025 Jun 25;9:e60859. doi: 10.2196/60859. PMID: 40561510 **Free PMC article.**

[A comparison of key performance metrics of major robotic platforms in spine surgery: a network meta-analysis of 14,462 screws.](#)

Koucheki R, Bonello JP, **Abbas A**, **Lex J**, Versteeg AL, Zarrabian M, Dhaliwal P, Finkelstein J, Lewis S, Toor J. *Eur Spine J*. 2025 Sep;34(9):4088-4101. doi: 10.1007/s00586-025-08990-y. Epub 2025 Jun 25. PMID: 40560372

[Integrating Artificial Intelligence and Virtual Reality in Orthopedic **Surgery**: A Comprehensive Review.](#)

Koucheki R, Lex JR, Brock M, Goel DP. HSS J. 2025 Jun 17;15563316251345479. doi: 10.1177/15563316251345479. Online ahead of print. PMID: 40546984 **Free PMC article**. Review.

[Transparency of Parental Policies and Benefits in Canadian **General Surgery** Residency Programs.](#)

Jiang S, Halajha G, Barr J, Rangel E, Terhune K, Mason S, Nadler A. J Surg Educ. 2025 Sep;82(9):103577. doi: 10.1016/j.jsurg.2025.103577. Epub 2025 Jun 21. PMID: 40544573

[Association between Preoperative Depression and Length of Stay after Major **Surgery**: A Systematic Review and Meta-analysis.](#)

Kremic L, Jaffer A, Patel K, Lee S, Xue Y, **Daza JF**, Petricca J, Xiao M, Pivetta B, Ladha KS, Wijeyesundera DN, Diep C. Anesthesiology. 2025 Oct 1;143(4):929-943. doi: 10.1097/ALN.0000000000005626. Epub 2025 Jun 19. PMID: 40537074

[Predicting outcomes after moderate and severe traumatic brain injury using artificial intelligence: a systematic review.](#)

Malhotra AK, Shakil H, Smith CW, Huang YQ, **Kwong JCC**, Thorpe KE, Witiw CD, Kulkarni AV, Wilson JR, Nathens AB. NPJ Digit Med. 2025 Jun 18;8(1):373. doi: 10.1038/s41746-025-01714-y. PMID: 40533523 **Free PMC article**.

[Prostatic Stents for the Management of Lower Urinary Tract Symptoms Due to Benign Prostatic Obstruction.](#)

Pace KJC, **Nguyen DD, Li T**, Chugtai B, Zorn KC, Bhojani N, Elterman DS. Eur Urol Focus. 2025 Jun 3:S2405-4569(25)00148-8. doi: 10.1016/j.euf.2025.05.017. Online ahead of print. PMID: 40467444

[Predicting mortality risk following major lower extremity amputation using machine learning.](#)

Li B, Eisenberg N, Beaton D, Lee DS, Al-Omran L, Wijeyesundera DN, Hussain MA, Rotstein OD, de Mestral C, Mamdani M, Roche-Nagle G, Al-Omran M. J Vasc Surg. 2025 Aug;82(2):617-631.e8. doi: 10.1016/j.jvs.2025.03.198. Epub 2025 Jun 4. PMID: 40464726 **Free article**.

[Masseter nerve transfer with dual function for smile and eye closure.](#)

Hicks K, Novak CB, **Saggaf M**, Wachtel A, Antflek D, Robinson L, Zuker RM, Baltzer HL. J Plast Reconstr Aesthet Surg. 2025 Jul;106:303-309. doi: 10.1016/j.bjps.2025.05.007. Epub 2025 May 13. PMID: 40460504 **Free article.**

[Role of the sympathetic nervous system and acute intermittent hypoxia in haemodynamic changes in a spinal cord injury model.](#)

Hadipour-Lakmehsari S, Al Mouaswas S. J Physiol. 2025 Jun;603(11):3285-3287. doi: 10.1113/JP289039. Epub 2025 May 31. PMID: 40449005 No abstract available.

[Sonographic depiction of intestinal wall defects in infants and young children with intestinal perforation.](#)

Traubici B, Daneman A, Doganay S, Rutten C, **Dekirmendjian A**, Zani A, Faingold R. Pediatr Radiol. 2025 Jun;55(7):1437-1447. doi: 10.1007/s00247-025-06271-w. Epub 2025 May 29. PMID: 40442340

[Multiomic Landscape of Extracellular Vesicles in Human Carotid Atherosclerotic Plaque Reveals Endothelial Communication Networks.](#)

Raju S, Turner ME, Cao C, Abdul-Samad M, Punwasi N, Blaser MC, Cahalane RME, Botts SR, Prajapati K, Patel S, Wu R, Gustafson D, Galant NJ, Fiddes L, Chemaly M, Hedin U, Matic L, Seidman MA, Subasri V, Singh SA, Aikawa E, Fish JE, Howe KL. Arterioscler Thromb Vasc Biol. 2025 Jul;45(7):1277-1305. doi: 10.1161/ATVBAHA.124.322324. Epub 2025 May 29. PMID: 40438929 **Free PMC article.**

[Impact of concomitant carcinoma in situ distribution on non-muscle-invasive bladder cancer progression risk.](#)

Kwong JCC, Pace K, Al-Daqqaq Z, Chelliahpillai Y, Lee S, Kim K, Ringa M, Ali A, Wettstein M, Chan A, Lajkosz K, van der Kwast T, Perlis N, Lee JY, Hamilton RJ, Fleshner NE, Finelli A, Jamal M, Papanikolaou F, Short T, Feifer A, Kulkarni GS, Zlotta AR. BJU Int. 2025 Aug;136(2):236-244. doi: 10.1111/bju.16793. Epub 2025 May 26. PMID: 40415640 **Free PMC article.**

[Quantitative Voiding Cystourethrogram Features Predict Detecting Photopenic Renal Parenchyma Defects on Radionuclide Imaging in Patients With Vesicoureteral Reflux.](#)

Ahmad I, Khondker A, Palchik S, **Kwong JCC**, Yadav P, Dos Santos J, Rickard M, Lorenzo AJ. Urology. 2025 Oct;204:164-170. doi: 10.1016/j.urology.2025.05.033. Epub 2025 May 21. PMID: 40409415 **Free article.**

[Fragmentation of Multimodal Rectal Cancer Care: A Population-Level Retrospective Cohort Study.](#)

McKechnie T, Ricci A, Brennan K, Wiseman V, Shi V, **Bondzi-Simpson A**, Knight K, Kong W, Farooq A, Patel SV. *J Surg Oncol*. 2025 Jul;132(1):135-145. doi: 10.1002/jso.28163. Epub 2025 May 23. PMID: 40407085 **Free PMC article.**

[Identification of Optimal Candidates for **Operative** Management of Mild Degenerative Cervical Myelopathy: A Novel Trajectory-based Analysis of Postoperative Recovery.](#)

Bak AB, Alvi MA, **Moghaddamjou A**, Fehlings MG. *Spine (Phila Pa 1976)*. 2025 Aug 15;50(16):1102-1109. doi: 10.1097/BRS.0000000000005394. Epub 2025 May 19. PMID: 40384572

[Neurodevelopmental hijacking of oligodendrocyte lineage programs drives glioblastoma infiltration.](#)

Wu Y, Wu BZ, **Ellenbogen Y**, Kant JBY, Yu P, Li X, Caloren L, Sotov V, Tran C, Restrepo M, Kushida M, Ayyadhury S, Kossinna P, Lau R, Habibi P, Mansouri S, Regala J, Durbic T, Aboualizadeh F, Tsao J, Ketela T, Pugh T, Butler MO, Wang BX, Dirks PB, Gao A, Zadeh G, Gaiti F. *Dev Cell*. 2025 Sep 22;60(18):2420-2433.e12. doi: 10.1016/j.devcel.2025.04.022. Epub 2025 May 16. PMID: 40381621 **Free article.**

[Postoperative outcomes following revision or conversion **surgery** after primary sleeve gastrectomy: an analysis of the MBSAQIP database.](#)

Brar K, Sudan R, Portenier D, Greenberg JA, Eckhouse SR, Seymour KA, Jung JJ. *Surg Obes Relat Dis*. 2025 Aug;21(8):956-964. doi: 10.1016/j.soard.2025.04.003. Epub 2025 Apr 14. PMID: 40350342

[Reintroducing **Gottthelf Carl**, the Other Huber.](#)

Valiquette CR, Smith AA, Ross DC, McCabe S. *J Hand Surg Am*. 2025 Jun;50(6):742-747. doi: 10.1016/j.jhsa.2025.01.010. Epub 2025 May 8. PMID: 40338761 Review.

[Direct-acting antivirals lower mortality and recurrence in HCV-related hepatocellular carcinoma post liver resection: A multicenter international study.](#)

Choi WJ, Ivanics T, Claasen M, Magyar CTJ, Li Z, Tabrizian P, Rocha C, Myers B, O'Kane GM, Reig M, Ferrer Fàbrega J, Holgin V, Parikh ND, Pillai A, Hunold TM, Vogel A, Patel MS, Singal AG, Tadros M, Feld JJ, Hansen B, Sapisochin G. *Surgery*. 2025 Jul;183:109396. doi: 10.1016/j.surg.2025.109396. Epub 2025 May 6. PMID: 40334495 **Free article.**

[Bilateral Focused Ultrasound Thalamotomy for Essential Tremor: Clinical Outcomes Compared to Bilateral Deep Brain Stimulation and Probabilistic Lesion Mapping.](#)

Sarica C, Yamamoto K, Iorio-Morin C, Germann J, Yang AZ, Santyr B, Colditz M, Vetkas A, Fomenko A, Davidson B, Schmidt F, Grippe T, **Samuel N**, Zemmar A, Flouty O, Cheyuo C, Darmani G, Chen R, Boutet A, Neudorfer C, Hodaie M, Kalia SK, Munhoz RP, Fasano A, Lozano AM. *Mov Disord.* 2025 Jul;40(7):1265-1278. doi: 10.1002/mds.30221. Epub 2025 May 2. PMID: 40318052 **Free PMC article.**

[Impact of low body mass index on reoperation risk and complications after joint arthroplasty: a cohort study.](#)

Ruangsomboon P, Ruangsomboon O, Al-Obaedi O, Lameire DL, Pincus D, **Lex JR**, Tomescu S, Ravi B. *Int Orthop.* 2025 Jul;49(7):1587-1597. doi: 10.1007/s00264-025-06518-z. Epub 2025 Apr 25. PMID: 40278854 **Free PMC article.**

[Does marginalization status and distance from the hospital impact the timing of pediatric pyeloplasty in a universal access-to-care system?](#)

Khondker A, Dhalla R, **Nguyen DD**, **Kwong JCC**, Lee Y, Wu J, Kim JK, Chua ME, Rickard M, Lorenzo AJ. *Can Urol Assoc J.* 2025 Aug;19(8):249-254. doi: 10.5489/cuaj.9133. PMID: 40273407 **Free PMC article.**

[Living Donor Liver Transplantation for Alcohol-related Liver Disease: An Intention-to-treat Analysis.](#)

Magyar CTJ, Jones O, Rajendran L, Carrique L, Lynch MJ, Li Z, Claasen MPAW, Ivanics T, **Choi WJ**, Gaviria F, Ghanekar A, Winter E, Bucur R, Shwaartz C, Reichman T, Sayed BA, Selzner M, Bhat M, Tsien C, Jaeckel E, Lilly LB, McGilvray ID, Cattral MS, Sapisochin G, Selzner N. *Transplantation.* 2025 Oct 1;109(10):1601-1610. doi: 10.1097/TP.0000000000005410. Epub 2025 Apr 24. PMID: 40269339

[Tracking Endothelial Extracellular Vesicles in a Mouse Model of Atherosclerosis.](#)

Guo MK, Scipione CA, Breda LCD, Prajapati K, **Raju S**, Botts SR, Abdul-Samad M, Patel S, Yu G, Dudley AC, Fish JE, Howe KL. *Circ Res.* 2025 Jun 6;136(12):1629-1631. doi: 10.1161/CIRCRESAHA.124.326024. Epub 2025 Apr 23. PMID: 40265255 **Free PMC article.** No abstract available.

[Regional differences in biomechanical properties of the ascending aorta in aneurysmal and normal aortas.](#)

Peterson S, Eliathamby D, Yap H, **Elbatarny M**, Guruji V, Islam R, Ouzounian M, Simmons CA, Chung J. *Biomech Model Mechanobiol*. 2025 Jun;24(3):865-877. doi: 10.1007/s10237-025-01941-y. Epub 2025 Apr 18. PMID: 40251326

[Stimulation-Induced Dyskinesia in STN DBS Patients.](#)

Candeias da Silva C, Fung WKW, Al-Shorafat DM, **Loh A**, Santyr B, Kalia SK, Lozano AM, Fasano A. *Mov Disord Clin Pract*. 2025 Sep;12(9):1374-1379. doi: 10.1002/mdc3.70087. Epub 2025 Apr 18. PMID: 40249002

[Axillary Surgery After Neoadjuvant Chemotherapy for Breast Cancer: Population-Based Trends Over Time.](#)

Kouzmina E, **Castelo M**, Look Hong NJ, Hallet J, Coburn N, Wright FC, Nguyen L, Gandhi S, Jerzak KJ, Eisen A, Roberts A. *Ann Surg Oncol*. 2025 Jul;32(7):4865-4873. doi: 10.1245/s10434-025-17236-6. Epub 2025 Apr 4. PMID: 40183891

[Chromosome 1p Loss and 1q Gain for Grading of Meningioma.](#)

Landry AP, Wang JZ, Patil V, Liu J, **Gui C, Ellenbogen Y**, Ajisebutu A, **Yefet L**, Wei Q, Singh O, Sosa J, Mansouri S, Cohen-Gadol AA, Tabatabai G, Tatagiba M, Behling F, Barnholtz-Sloan JS, Sloan AE, Chotai S, Chambless LB, Mansouri A, Makarenko S, Yip S, Ehret F, Capper D, Tsang DS, Moliterno J, Gunel M, Wesseling P, Sahm F, Aldape K, Gao A, Zadeh G, Nassiri F. *JAMA Oncol*. 2025 Jun 1;11(6):644-649. doi: 10.1001/jamaoncol.2025.0329. PMID: 40178835 **Free PMC article.**

[Response to letter to the editor on: "Comparative analysis of treatment modalities for solitary, small \(\$\leq 3\$ cm\) hepatocellular carcinoma: A systematic review and network meta-analysis of oncologic outcomes".](#)

Choi WJ, Sapisochin G. *Surgery*. 2025 Jun;182:109339. doi: 10.1016/j.surg.2025.109339. Epub 2025 Mar 28. PMID: 40157819 No abstract available.

[Comparison of outcomes after anterior versus posterior surgery for degenerative cervical myelopathy: a pooled analysis of individual patient data.](#)

Bak AB, Alvi MA, **Moghaddamjou A**, Fehlings MG. *Spine J*. 2025 Sep;25(9):1964-1973. doi: 10.1016/j.spinee.2025.03.027. Epub 2025 Mar 26. PMID: 40154629 **Free article.**

[Assessing Canadian medical students' confidence in undergraduate urologic training and preferences for teaching methods.](#)

Zekraoui O, Niakani S, Moustafa M, Berjaoui MB, Guennoun A, Elterman D, Chughtai B, **Nguyen DD**, Bouhadana D, Bhojani N. Can Urol Assoc J. 2025 Jul;19(7):E212-E218. doi: 10.5489/cuaj.9018. PMID: 40116661 **Free PMC article**.

[Days at home after treatment of spinal metastases: measurement and validation of a novel patient centered outcome.](#)

Shakil H, Malhotra AK, Essa A, **Karthikeyan V, Lozano CS**, He Y, Badhiwala JH, Sahgal A, Dea N, Fehlings MG, Kiss A, Witiw CD, Wilson JR, Redelmeier DA. J Neurooncol. 2025 Jul;173(3):739-749. doi: 10.1007/s11060-025-05014-z. Epub 2025 Mar 20. PMID: 40111577

[Payments by Drug and Medical Device Manufacturers to Society of Urologic Oncology Fellowship Program Directors.](#)

Nguyen DD, Nguyen AL, Murayama A, Kaushal S, Bernardino R, Wettstein MS, Satkunasivam R, Trinh QD, Kulkarni GS, Marshall DC, Wallis CJD. Urol Pract. 2025 Jul;12(4):401-407. doi: 10.1097/UPJ.0000000000000814. Epub 2025 Mar 18. PMID: 40101162

[Prostate cancer screening in transgender patients Why current Canadian screening policies need to be better tailored to our patients.](#)

Nguyen DD, Ahmad I, Al-Daqqaq Z, Rosella LC, Hird A, Wallis CJD, Grober ED, Lofters A, Kulkarni GS, Millman A, Krakowsky Y. Can Urol Assoc J. 2025 Jun;19(6):202-204. doi: 10.5489/cuaj.9005. PMID: 40031946 **Free PMC article**. No abstract available.

[Extensor mechanism dysfunction and hand deformities caused by Dupuytren's disease: **Surgical** and rehabilitation perspectives.](#)

Brutus JP, Taylor A, **Barone N**, Hagert E. J Hand Ther. 2025 Jul-Sep;38(3):566-573. doi: 10.1016/j.jht.2024.12.017. Epub 2025 Feb 20. PMID: 39979168 Review.

[End-of-life care in glioblastoma: A population-based study.](#)

Ellenbogen Y, Taslimi S, Shellenberger J, Brogly SB, Zadeh G, Alkins R. Neuro Oncol. 2025 Jul 30;27(6):1640-1653. doi: 10.1093/neuonc/noaf043. PMID: 39969219 **Free PMC article**.

[A living scoping review and online repository of artificial intelligence models in pediatric urology: Results from the AI-PEDURO collaborative.](#)

Khondker A, **Kwong JC**, Ahmad I, Rajesh Z, Dhalla R, MacNevin W, Rickard M, Erdman L, Gabrielson AT, **Nguyen DD**, Kim JK, Abbas T, Fernandez N, Fischer K, T Hoen LA, Keefe DT, Nelson CP, Viteri B, Wang HS, Weaver J, Yadav P, Lorenzo AJ. J Pediatr Urol. 2025 Jun;21(3):765-772. doi: 10.1016/j.jpuro.2025.01.035. Epub 2025 Feb 5. PMID: 39956703 **Free article.**

[Decision aid for **surgical** management of benign prostatic hyperplasia - Assessing acceptability of the French version.](#)

Assad A, Bouhadana D, Moustafa M, **Nguyen DD**, Fellouah M, Murad L, Chughtai B, Elterman D, Zorn KC, Gazdovich S, Meskawi M, Bhojani N. Fr J Urol. 2025 Jun;35(5):102868. doi: 10.1016/j.fjurol.2025.102868. Epub 2025 Feb 8. PMID: 39929366 **Free article.**

[Disproportionality Analysis of Hypotension-Related Adverse Drug Reactions Associated With Type 1a Selective Alpha-Blockers in VigiBase.](#)

Song JJ, Qian ZJ, Cho M, **Nguyen DD**, Trinh QD, Wollin DA. Urol Pract. 2025 Jul;12(4):433-440. doi: 10.1097/UPJ.0000000000000790. Epub 2025 Feb 7. PMID: 39918267

[Emerging Implications of Elevated Lipoprotein\(a\) Levels in Coronary Artery Bypass Graft **Surgery**.](#)

Patel SK, Badross MS, **Dhingra NK**, Moroney M, Casey JH, Ali Hassan SM, Khan TS, Hess DA, Koschinsky ML, Teoh H, Verma S. Ann Thorac Surg. 2025 Jul;120(1):167-176. doi: 10.1016/j.athoracsur.2025.01.013. Epub 2025 Jan 30. PMID: 39889843 **Free article.** Review.

[Metabolic profiling of meningioma reveals novel subgroup-specific biologic insights and outcome dependencies.](#)

Landry AP, Wang JZ, Yefet LS, Liu J, Patil V, Zhang WJ, Sosa J, **Ellenbogen Y, Gui C**, Ajisebutu A, Aldape K, Gao A, Kislinger T, Chen EX, Nassiri F, Zadeh G. Neuro Oncol. 2025 Sep 17;27(8):2047-2059. doi: 10.1093/neuonc/noae281. PMID: 39851181 **Free PMC article.**

[Development and validation of a molecular classifier of meningiomas.](#)

Landry AP, Wang JZ, Liu J, Patil V, **Gui C**, Patel Z, Ajisebutu A, **Ellenbogen Y**, Wei Q, Singh O, Sosa J, Mansouri S, Wilson C, Cohen-Gadol AA, Zaazoue MA, Tabatabai G, Tatagiba M, Behling F, Barnholtz-Sloan JS, Sloan AE, Chotai S, Chambless LB, Rebchuk AD, Makarenko S, Yip S, Mansouri A, Tsang DS, Aldape K, Gao A; International Consortium on Meningiomas (ICOM); Nassiri F, Zadeh G. Neuro Oncol. 2025 Jun 21;27(5):1258-1269. doi: 10.1093/neuonc/noae242. PMID: 39775867 **Free PMC article.**

[Can Intra-Operative Cell Salvage Reduce the Rate of Allogeneic Transfusion in Pediatric Spinal Deformity Surgery?](#)

Chan V, Shumilak G, **Malhotra AK**, Lebel DE, Skaggs DL. Global Spine J. 2025 Jun;15(5):2679-2686. doi: 10.1177/21925682241309287. Epub 2024 Dec 17. PMID: 39690436 **Free PMC article**.

[Deep Brain Stimulation of the Nucleus Accumbens for Severe Self-Injurious Behavior in Children: A Phase I Pilot Trial.](#)

Gorodetsky C, **Mithani K**, Breitbart S, Yan H, Zhang K, Gouveia FV, **Warsi N**, **Suresh H**, Wong SM, Huber J, Kerr EN, Kulkarni AV, Taylor MJ, P Hagopian L, Fasano A, Ibrahim GM. Biol Psychiatry. 2025 Jun 15;97(12):1116-1126. doi: 10.1016/j.biopsych.2024.12.001. Epub 2024 Dec 5. PMID: 39645140 Clinical Trial.

[Experiences of caregivers of children with severe self-injurious behavior: An interpretive, descriptive study.](#)

Breitbart S, Yan H, **Mithani K**, Gorodetsky C, Ibrahim GM. Dev Med Child Neurol. 2025 Jun;67(6):779-787. doi: 10.1111/dmcn.16185. Epub 2024 Nov 19. PMID: 39563184

[Initial cannulation strategy impacts perioperative outcomes of acute type A dissection in high-volume centers.](#)

Elbatarny M, Hage F, Zubair A, Lachapelle K, Ouzounian M, Chung JCY, Dagenais F, Boodhwani M, Moon M, Bozinovski J, Bittira B, Atoui R, Hong J, Chu MWA, Peterson MD; Canadian Thoracic Aortic Collaborative. J Thorac Cardiovasc Surg. 2025 Sep;170(3):774-783.e1. doi: 10.1016/j.jtcvs.2024.09.056. Epub 2024 Oct 11. PMID: 39396614

[Radical Overlapping Intravelar Veloplasty during Primary Cleft Palate Repair Results in Decreased Secondary Speech Surgery.](#)

Podolsky DJ, Fischbach S, Wong Riff K WY, **Saggaf M**, Klaiman P, Fisher DM. Plast Reconstr Surg. 2025 Jun 1;155(6):997-1008. doi: 10.1097/PRS.00000000000011755. Epub 2024 Sep 17. PMID: 39287923

[Durable left ventricular assist devices in pediatrics: impact of body size on outcomes and size limitations.](#)

Deng MX, Yoshida N, Haller C, Jeewa A, Yoo SJ, Honjo O. J Artif Organs. 2025 Jun;28(2):171-176. doi: 10.1007/s10047-024-01467-7. Epub 2024 Sep 6. PMID: 39240401 Review.

[The aim of donor safety: **surgical** approaches and current results.](#)

Magyar CTJ, **Choi WJ**, Li Z, Cattral MS, Selzner N, Ghanekar A, Sayed BA, Sapisochin G. Updates Surg. 2025 Oct;77(6):1755-1766. doi: 10.1007/s13304-024-01881-9. Epub 2024 Jun 25. PMID: 38916620 Review.