



Department of Surgery

UNIVERSITY OF WISCONSIN

SCHOOL OF MEDICINE AND PUBLIC HEALTH

AUGUST 2026 PUBLICATIONS

Congratulations to all department members whose research was published in August 2026! The following list is organized by division within the Department of Surgery.

CROSS-DIVISION COLLABORATIONS

Can the Cancer and Leukemia Group B 140503 trial support choice of segmental versus wedge resection for non-small cell lung cancer?

Cher BAY, Lin Q, Frank KA, Maloney JD, Balentine CJ, Axtell AL.

JTCVS Open. 2026 May 28;32:101874. doi: 10.1016/j.xjon.2026.101874.

PMID: [42604292](#); PMCID: PMC13477055.

ACUTE CARE AND REGIONAL GENERAL SURGERY

American Association for the Surgery of Trauma/American College of Surgeons-Committee on Trauma Clinical Consensus Statement on the management of patients with rib fractures.

Park C, Schwed AC, Buhavac M, Coleman JR, Cross A, Jacovides CL, Yoo B, Agarwal S, Rappold J, Savage SA; Philadelphia, Pennsylvania.

J Trauma Acute Care Surg. 2026 Aug 1;101(2):348-358. doi: 10.1097/TA.0000000000005008. Epub 2026 May 15.

PMID: [42138302](#).

Diagnostic utility of a CT upper gastrointestinal protocol for the detection of gastroduodenal leaks.

Moeller AR, Lee MH, Lubner MG, Pickhardt PJ, Shahan CP, Toia GV.

Abdom Radiol (NY). 2026 Aug 3. doi: 10.1007/s00261-026-05635-6. Epub ahead of print.

PMID: [42545483](#).

Early implementation of a hepatic artery infusion pump program in a contemporary multi-hospital health system: Integration with minimally invasive and combined surgical strategies for colorectal liver metastases.

Doyle C, Monahan BV, Fabrizio A, Ali P, Berkey S, Radkani P, Winslow E, Bello B, Fishbein TM, Sun Z, Moris D.

Am Surg. 2026 Aug 2;31348261471497. doi: 10.1177/00031348261471497. Epub ahead of print.

PMID: [42543485](#).

The impact of non-fellowship trained general surgeon faculty on resident career plans at graduation.

Bakke KE, VanDommelen A, Michel C, Keith M, Panackal J, Morcus MG, Yang Q, Jung S.
J Surg Educ. 2026 Oct;83(10):104095. doi: 10.1016/j.jsurg.2026.104095. Epub 2026 Aug 4.
PMID: [42551261](#).

CARDIOTHORACIC SURGERY

Mesothelioma: Pleural, version 3.2026, NCCN Clinical Practice Guidelines In Oncology.

Stevenson J, Riely GJ, Wood DE, Aisner DL, Axtell AL, Bauman JR, Bharat A, Chang JY, Desai A, Dilling TJ, Dowell J, Durm GA, Gettinger S, Grotz TE, Gubens MA, Juloori A, Lackner RP, Lanuti M, Levy B, Lin J, Loo BW Jr, Lovly CM, Maldonado F, Morgensztern D, Mullikin TC, Ng T, Owen D, Owen DH, Patil T, Polanco PM, Riess J, Ruano Mendez AL, Shapiro TA, Singh AP, Tam A, Tanvetyanon T, Yanagawa J, Yau E, Yun K, Gregory K, Hang L.
J Natl Compr Canc Netw. 2026 Aug;24(8):e260038. doi: 10.6004/jnccn.2026.0038.
PMID: [42607715](#).

Self-sustaining leadless intracardiac pacemaker powered by triboelectric nanogenerator.

Chen P, Wang R, Schmuck E, Wang D, Modaff D, Zhou T, Osaki S, Liu W, Pan F, Kim JK, Tai Y, Munns P, Klipsic DK, Liu B, Wang X.
Sci Adv. 2026 Aug 21;12(34):eaef8903. doi: 10.1126/sciadv.aef8903. Epub 2026 Aug 19.
PMID: [42616885](#); PMCID: PMC13488899.

COLORECTAL SURGERY

Conversations in rectal cancer treatment: A qualitative study of multidisciplinary clinician perspective into non-operative management decision-making discussions.

Alagoz E, Gutierrez-Meza D, De Roo A.
Support Care Cancer. 2026 Aug 20;34(9):881. doi: 10.1007/s00520-026-11137-4.
PMID: [42625075](#); PMCID: PMC13493442.

ENDOCRINE SURGERY

Already in the room: How endocrine surgery patients are using and embracing artificial intelligence in care.

Helbing A, Druar N, Finn CB, Holoubek SA, Allen BJ, Davies L, Long K, Schneider DF, Balentine C, Sippel RS, Chiu A.
Surgery. 2026 Aug 31;200:110578. doi: 10.1016/j.surg.2026.110578. Epub ahead of print.
PMID: [42767164](#).

Critical differences among stakeholders in definitions of success following inguinal hernia repair in older adults.

Thornton M, Cher BAY, Macdonald C, Lunardi N, Marten EL, Mai D, Fisher K, Machado Heredia ML, Skinner CS, Brown CJ, Berger M, Lee SC, Cullum CM, Makris KI, Pham TH, Tang V, Naik AD, Balentine CJ.
Surgery. 2026 Aug;196:110253. doi: 10.1016/j.surg.2026.110253. Epub 2026 Apr 20.
PMID: [42208472](#); PMCID: PMC13551670.

Understanding low motivation for treatment in primary hyperparathyroidism: A qualitative study of patients and providers in the United States.

O'Connor J, Helbing A, Guitierrez-Meza D, Alagoz E, Chiu A.

World J Surg. 2026 Sep;50(9):2669-2676. doi: 10.1002/wjs.70525. Epub 2026 Aug 10.

PMID: [42576351](#); PMCID: PMC13576608.

Using sensitivity analysis to evaluate the fracture benefit of parathyroidectomy.

Cher BAY, Lin Q, Marten E, Thornton M, Chiu A, Elfenbein D, Holoubek S, Long K, Schneider DF, Sippel RS, Soe K, Frank KA, Balentine CJ.

Surgery. 2026 Aug;196:110222. doi: 10.1016/j.surg.2026.110222. Epub 2026 May 13.

PMID: [42127703](#).

MINIMALLY INVASIVE SURGERY

A multi-ancestry polygenic risk score for body mass index predicts longitudinal weight change.

Lu T, Stalter LN, Lauer KV, Hanlon BM, Zhang W, Funk LM.

Genome Med. 2026 Aug 5;18(1):130. doi: 10.1186/s13073-026-01741-8.

PMID: [42693481](#); PMCID: PMC13543510.

PEDIATRIC SURGERY

New technology dependence among children hospitalized for traumatic injury.

Gorski JK, Collier RJ, Brinkman AS, Pulcini CD.

Pediatrics. 2026 Aug 1;158(2):e2025075515. doi: 10.1542/peds.2025-075515.

PMID: [42448350](#).

Surgeon annual volume impacts recurrence rates of pediatric inguinal hernia repairs: A multi-institutional study.

Heller K, Ochoa BV, Brierley SF, Padilla BE; Pediatric Inguinal Hernia Collaborative Group; Alhajjat A, Byrd E, Chao SD, Clinker C, Diaz-Miron J, Dantes G, Eldredge RS, Fialkowski EA, Guner Y, Gurria JP, Haddadin Z, Highet A, Huerta CT, Keane OA, Kelley-Quon LI, Laje P, Le H, Lee J, Leshner A, Lin S, Lym L, Pandya SR, Papastefan S, Parrado RH, Perez EA, Ramazani C, Rehner W, Russell KW, Selesner L, Shideler BL, Slater BJ, Stellon MA, Stephens C, Sutyak KM, Tsao K, Velazco CS, Weber N, Westbrook N, Wieck MM, Yu P.

J Pediatr Surg. 2026 Aug;61(8):162890. doi: 10.1016/j.jpedsurg.2025.162890. Epub 2025 Dec 29.

PMID: [41475507](#).

PLASTIC SURGERY

Artificial intelligence scribes in orthopaedic surgery: A narrative review.

Adan FO, Agoro KS, Rao V, Cunningham BP, Rao AJ.

J Am Acad Orthop Surg Glob Res Rev. 2026 Jul 31;10(8):e25.00398. doi: 10.5435/JAAOSGlobal-D-25-00398.

PMID: [42627719](#); PMCID: PMC13395508.

Reconsidering percentile reporting in plastic surgery in-service examinations: Insights from the faculty perspective.

Craig JN, Zeitouni F, Tierney M, Gast K, Rao VK.

Plast Reconstr Surg Glob Open. 2026 Aug 4;14(8):e8006. doi: 10.1097/GOX.0000000000008006. PMID: [42559584](#); PMCID: PMC13441095.

The association of neighborhood disadvantage with surgical outcomes and follow-up adherence in patients with cleft palate.

Chu DY, O'Shea AW, Knazze JT, Lam CS, Center AD, Kalluri MH, Blum JD, Via EC, Garland CB, Cho DY.

Cleft Palate Craniofac J. 2026 Aug;63(8):2439-2450. doi: 10.1177/10556656251381640. Epub 2025 Sep 24.

PMID: [40990542](#); PMCID: PMC13569495.

The cost of matching into plastic surgery.

Quach MP, Zona EE, Murapa M, Craig J, Poore SO, Inchauste SM.

Ann Plast Surg. 2026 Aug 1;97(2):227-232. doi: 10.1097/SAP.0000000000004733. Epub 2026 Apr 6.

PMID: [41940730](#).

SURGICAL ONCOLOGY

Identifying novel estrogenic mitochondrial targets in hypothalamic proopiomelanocortin neurons by chemoproteomics.

Qiu J, Bosch MA, Wolfe MS, Korac K, Rizzo S, Stincic TL, Farley SE, Fitzgerald W, Rajendran M, Laguerre A, Stein F, F Copenhaver P, Ronnekleiv OK, Ronnekleiv-Kelly SM, Rostovtseva T, Bezrukov S, Schultz C, Kelly MJ.

bioRxiv [Preprint]. 2026 Aug 21:2026.06.17.732817. doi: 10.64898/2026.06.17.732817.

PMID: [42395377](#); PMCID: PMC13320878.

Mock paging in a surgical boot camp: A pre/post evaluation of self-reported confidence, anxiety, and communication with nurses among senior medical students.

Segura A, Chao Z, Richardson R, Boehler M, Minter R, Schwind C, Auyang E.

J Surg Educ. 2026 Oct;83(10):104100. doi: 10.1016/j.jsurg.2026.104100. Epub 2026 Aug 13.

PMID: [42594801](#).

Multidisciplinary management considerations in invasive lobular breast cancer: It isn't just ductal.

Beck AC, Carroll EF, Mukhtar RA, Cassidy MR, Flanagan MR, Gamble LA, Erdahl LM.

Ann Surg Oncol. 2026 Aug 17. doi: 10.1245/s10434-026-20368-y. Epub ahead of print.

PMID: [42606651](#).

NCCN Guidelines® Insights: Survivorship, version 3.2026.

Peterson LL, McDonough AL, Ansbaugh SM, Ariza-Heredia EJ, Armenian S, Baker KS, Ballinger TJ, Cathcart-Rake EJ, Cohen SH, Day AT, Evgeniou E, Fairman NP, Feliciano J, Flores TF, Friedman DL, Gabel NM, Hill-Kayser CE, Hock K, Kline-Quiroz C, Lee NK, Mooney K, Moore HCF, Moryl N, Neuman H, Overholser L, Patel CG, Porpiglia A, Rogers LQ, Saidain A, Schapira L, Smith SK, Tenner L, Von Ah D, Yang EH, Zee P, Freedman-Cass D, McMillian N.

J Natl Compr Canc Netw. 2026 Aug;24(8):e260039. doi: 10.6004/jnccn.2026.0039.

PMID: [42607712](#).

Prognostic determinants of overall survival after resection for pancreatic ductal adenocarcinoma: A consensus-based conceptual framework.

Ali MM, Ahmed KS, Marcinak CT, Hasan SAT, Letocha AD, Ahmad N, Khalid HB, Kainat Fatima, Zafar SN.

J Surg Oncol. 2026 Aug 26. doi: 10.1002/jso.70362. Epub ahead of print.

PMID: [42656018](#).

Secondary cytoreductive surgery ± hyperthermic intraperitoneal chemotherapy for recurrent colorectal cancer peritoneal metastases.

Oppat KM, Bennett FJ, Patel SH, Raoof M, Baumgartner JM, Mogal HD, Lambert LA, Abbott DE, Greer JB, Grotz TE, Fournier KF, Dineen SP, Powers B, Zaidi MY, Winer JH, Russell MC, Staley CA, Cloyd JM, Maithel SK, Concors SJ.

Ann Surg Oncol. 2026 Aug 3;10.1245/s10434-026-20255-6. doi: 10.1245/s10434-026-20255-6. Epub ahead of print.

PMID: [42547752](#); PMCID: PMC13505413.

SPINK1-COL18A1 crosstalk shapes epigenome and drives cancer stemness in pancreatic ductal adenocarcinoma.

Tang H, Sailo B, Shang X, Hossan MS, Kratz J, Das P, Chhoda A, Aldo P, Liu H, Robert ME, Doucette S, Paris TJ, Kunstman JW, Pappou E, Wood LD, Iacobuzio-Donahue CA, Wolfgang CL, Mazzetto M, He L, Pfaff M, Ang-Olson O, Hoggard T, Garcia-Milian R, Sharma A, Levchenko A, Ahuja N.

Cell Rep. 2026 Sep 22;45(9):117806. doi: 10.1016/j.celrep.2026.117806. Epub 2026 Aug 18.

PMID: [42611708](#).

The full scope: Standardization of the use of endoscopy for earlier diagnosis of stomach cancer in the USA.

Sigler G, Walker B, Weiss J, Benson M, Gopal D, Pfau P, Kelly KJ.

Ann Surg Oncol. 2026 Aug;33(8):7312-7319. doi: 10.1245/s10434-026-19765-0. Epub 2026 May 6.

PMID: [42091830](#); PMCID: PMC13337848.

When ambulances are not enough: An interview-based needs assessment of governance and accountability gaps in prehospital emergency care in Hawassa, Ethiopia.

Abu-Hamdan F, Bhatti N, Tesfasilassie T, Gari T, Meshesha B, Mellese B, Wirtu ZM, Shimber ET, Jayaraman S, Zafar SN, Dodgion C, Iverson KR.

Surgery. 2026 Aug 29;200:110564. doi: 10.1016/j.surg.2026.110564. Epub ahead of print.

PMID: [42767165](#).

TRANSPLANTATION

Banff 2024 Pancreas Transplantation Report: Diagnosis and impact of chronic active T cell-mediated allograft rejection and re-evaluation of the indeterminate category with utilization of leukocyte immunostains in biopsies with ambiguous findings.

Büttner-Herold M, Seshan SV, Archilla I, Mikhailov A, Papadimitriou JC, Grzyb K, Renaudin K, Mesa-Corrales H, Doucette S, Zaccarini DJ, LaRocque A, Agni RM, Haririan A, Fyfe-Kirschner B, Li J, Toniolo MF, Cantarovich D, Uva PD, Pujol GS, Farris AB, Ugarte R, Budhiraja P, Meier R, Niederhaus S, Stratta R, Odorico J, Roufosse C, Ventura-Aguiar P, Drachenberg CB.

Am J Transplant. 2026 Aug;26(8):1787-1802. doi: 10.1016/j.ajt.2026.04.006. Epub 2026 Apr 10.

PMID: [41967641](#).

IL35 production after living-donor renal transplantation: Relevance to local, exosome-mediated, clinical tolerance.

Burlingham WJ, Fechner JH, Jankowska-Gan E, Tripathi S, Schreiber BL, Chandraker A, Kaufman DB, Foley DP.

Transplant Direct. 2026 Jul 6;12(8):e1980. doi: 10.1097/TXD.0000000000001980.

PMID: [42416360](#); PMCID: PMC13340715.

Kidney transplant access for persons who are incarcerated: A call for action.

Ng YH, Nonterah CW, Kumar V, Urbanski M, Rogers JL, Pavlakis M, Thiessen C.
Am J Kidney Dis. 2026 Aug;88(2):196-199. doi: 10.1053/j.ajkd.2026.03.046. Epub 2026 Jun 22.
PMID: [42331131](#).

Kidney transplantation after prostate cancer treatment: A multi-institutional collaborative.

Lovasik BP, Astor BC, Kau NS, Gifford A, Mittauer DJ, Bradley TA, Liebendorfer A, Krepline AN, Philip J, Garonzik-Wang J, Wellen JR.

Surgery. 2026 Aug;196:110290. doi: 10.1016/j.surg.2026.110290. Epub 2026 Apr 30.

PMID: [42166929](#).

Recipient selection and outcomes after out-of-sequence kidney allocation since implementation of Kidney Allocation System 250 (KAS250): A single-center experience.

Parajuli S, Levenson GE, Mandelbrot D, Kaufman DB.

Clin Transplant. 2026 Aug;40(8):e70647. doi: 10.1111/ctr.70647.

PMID: [42593848](#); PMCID: PMC13472284.

Simultaneous pancreas and kidney transplant recipients from pediatric donors have comparable outcomes to those from adult donors, regardless of the type of donation.

Parajuli S, Ylagan C, Patel D, Schindler PE, Ram S, Thiessen C, Aufhauser D, Tamburrini R, Mandelbrot D, Kaufman D, Odorico J.

Transplant Direct. 2026 Jul 20;12(8):e1985. doi: 10.1097/TXD.0000000000001985.

PMID: [42482840](#); PMCID: PMC13387777.

The elusive definition of Type 2 diabetes in the context of pancreas transplantation: Summary of the International Pancreas and Islet Transplantation Association Pre-congress Meeting.

Fridell JA, Dunn TB, Oram RA, Sadhu AR, Spaggiari M, Dib YE, Odorico JS.

Transplantation. 2026 Aug 1;110(8):e1601-e1607. doi: 10.1097/TP.0000000000005757. Epub 2026 May 18.

PMID: [42150118](#).

Towards benchmark-level outcomes in donation after circulatory death liver transplantation: A Comparative analysis of machine preservation strategies.

Wehrle CJ, Brubaker A, De Carlis R, De Goeij F, Eckharter C, Satish S, Dewey E, Aykun N, Sycheva M, Hansen S, Reiling J, Van Leeuwen L, Fischer R, Archie W, Jimenez-Soto C, Hussein A, Wall A, Croome K, Mao S, Nguyen M, Mathur AK, Testa G, Aufhauser D, Philips J, Nassar A, Mohamed A, Montenovio M, Johnson W, Merani S, Langnas A, Nydam T, Rodriguez I, Bababekov Y, Sanha V, Yildirim FS, Fernandes E, Hashimoto K, Tomiyama K, Guarrera J, Lunsford K, Hernandez-Alejandro R, Abt P, Akhtar Z, Vrochides D, Sanabria-Mateos R, Botha J, Barbas A, De Carlis L, Polak WG, Pascale T, De Jonge J, Sellers M, Pinna AD, Schlegel A; International Perfusion Consortium.

Ann Surg. 2026 Aug 31. doi: 10.1097/SLA.0000000000007193. Epub ahead of print.

PMID: [42669851](#).

Treatment of acute liver failure and acute-on-chronic liver failure: From pig to man.

Foley D, Lucey MR.

Gastroenterology. 2026 Aug 24:S0016-5085(26)07163-5. doi: 10.1053/j.gastro.2026.08.007. Epub ahead of print.

PMID: [42637054](#).

VASCULAR SURGERY

Aortic dissection false lumen treatment with novel shape memory polymer devices.

Yamanouchi D, Sakurai Y, Nemoto M, Matsuura S, Maeno R.

J Vasc Surg Cases Innov Tech. 2026 May 18;12(4):102326. doi: 10.1016/j.jvscit.2026.102326.
PMID: [42339060](#); PMCID: PMC13285698.

Chronic exertional compartment syndrome: What vascular surgeons need to know.

Morgan C.

Ann Vasc Surg. 2026 Aug 27;133:309-314. doi: 10.1016/j.avsg.2026.07.068. Epub ahead of print.
PMID: [42567314](#).

Operationalising 'what matters' - Will we ever find a way to patient-centred care?

Schwarze M, Telma K, Taylor LJ.

BMJ Qual Saf. 2026 Aug 19;35(9):579-582. doi: 10.1136/bmjqs-2026-020447.
PMID: [42167922](#); PMCID: PMC13274961.

Real-world data on aortic endografts: Gore Together aortic registry protocol.

Yamanouchi D, Khashram M, Gable D, Milner R, Yeung KK, Resch TA, Böckler D, Delaney C, Azizzadeh A, Shimamura K, Qasabian R, Han S, Feito Y, Trimarchi S.

Front Cardiovasc Med. 2026 Aug 28;13:1803528. doi: 10.3389/fcvm.2026.1803528.
PMID: [42729155](#); PMCID: PMC13561764.

Who picks up the slack? Impact of interprofessional role ambiguity on resident education, team function, and patient care.

Cha JS, Tucker EL, Lauer KV, Smith B.

J Am Coll Surg. 2026 Sep 1;243(3):733-737. doi: 10.1097/XCS.0000000000001939. Epub 2026 Aug 14.
PMID: [41894467](#).

OTHER

Surgical education feedback culture and future considerations.

Jung S.

J Am Coll Surg. 2026 Aug 1;243(2):495-496. doi: 10.1097/XCS.0000000000002004. Epub 2026 Apr 28.
PMID: [42047679](#).
