Department of Surgery
UNIVERSITY OF WISCONSIN
SCHOOL OF MEDICINE AND PUBLIC HEALTH

SEPTEMBER 2026 PUBLICATIONS

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

CROSS-DIVISION COLLABORATIONS

Characterization of plasma biomarkers in brain dead organ donors.
Molla MA, Keberlein MJ, Fechner JH, Halpin E, Zhang H, Weed HA, Hall BM, Huang L, Holm AM, Brown ME, Pouch SM, Neidlinger N, Kisat M, Kensinger CD, Mezrich JD.
J Surg Res. 2026 Sep;325:325-335. doi: 10.1016/j.jss.2026.05.041. Epub 2026 Jun 23.
PMID: 42335629.

Long-term outcomes of a statewide initiative to reduce margin re-excisions after lumpectomy.
Cortina CS, Yang Q, Cartmill R, Zhu P, Hanlon BM, Pung D, Pavuluri Quamme SR, Lawson E, Weber JJ, Lautner MA, Kong AL, Schumacher J.
JAMA Surg. 2026 Sep 2:e263834. doi: 10.1001/jamasurg.2026.3834. Epub ahead of print.
PMID: 42684690; PMCID: PMC13539435.

ACUTE CARE AND REGIONAL GENERAL SURGERY

American Association for the Surgery of Trauma/American College of Surgeons-Committee on Trauma clinical protocol for blunt splenic injury.
Werner NL, Buhavac M, Meizoso JP, Schwed AC, Castle SL, Issa N, Kundi R, Notrica DM, Painter MD, Stadeli KM, Schroeppel TJ, Tominaga GT, Weinberg J, Gross JA, Kaups KL; Madison, WI.
J Trauma Acute Care Surg. 2026 Sep 22. doi: 10.1097/TA.0000000000005157. Epub ahead of print.
PMID: 42771873.

Chyle leak following pancreatic resection: A potential contributor to delayed postoperative recovery.
Moris D, Huynh C, Bloomfield G, Gupta P, Walls D, Gogna S, Dadashzadeh M, Fishbein T, Radkani P, Winslow E.
Am Surg. 2026 Sep 29:31348261494200. doi: 10.1177/00031348261494200. Epub ahead of print.
PMID: 42809520.

Data-driven risk stratification and zonal classification of postoperative fluid collections after pancreaticoduodenectomy.

Moris D, Namgoong J, Gupta P, Bloomfield GC, Nigam A, Luckman ME, Fishbein TM, Radkani P, Winslow E.
HPB (Oxford). 2026 Sep;28(9):1284-1287. doi: 10.1016/j.hpb.2026.06.001. Epub 2026 Jun 15.
PMID: 42362417.

Lost in interpretation: The case for standardized radiologic reporting of liver lesions in colorectal liver metastases.
Wong P, Kambadakone A, Winslow ER, Qadan M.
J Am Coll Surg. 2026 Sep 21. doi: 10.1097/XCS.0000000000002221. Epub ahead of print.
PMID: 42766385.

Synthesis of protocols for frostbite care from the FROST study sites.
Nygaard RM, Colonna E, Poole A, Faucher LD, Paine RE, Sangji N, Lacey A, Bhavsar D, Colling K, Armour A, Fleming I, Wiktor A, Wibbenmeyer L; FROST multicenter study team.
J Burn Care Res. 2026 Sep 8;47(5):1405-1425. doi: 10.1093/jbcr/irag111.
PMID: 42384943; PMCID: PMC13551621.

Understanding the effect of transfusion rates on differential modulation of inflammatory responses.
Carney PR, Zarzaur BL, Holcomb JB, Fox EE, Wade CE, Savage SA.
J Surg Res. 2026 Sep;325:556-563. doi: 10.1016/j.jss.2026.05.069. Epub 2026 Jun 29.
PMID: 42372702.

CARDIOTHORACIC SURGERY

Cancellations in congenital heart disease operations.
Cook CJ, Switzer JT, Zhang X, Hendrickson N, Hermsen JL, Hokanson JS.
World J Pediatr Congenit Heart Surg. 2026 Sep;17(5):638-643. doi: 10.1177/21501351251408479. Epub 2026 Feb 3.
PMID: 41632598.

Factors associated with operative mortality in medium volume congenital heart surgery centers: A mixed-methods analysis.
Welke KF, Austin EH, Kumar SR, Anagnostopoulos PV, Kirklin JK, Herrmann JL, Narendra J, Chandler AM, Reilly K, Overman DM, Jacobs JP, Dabal RJ, Guleserian KJ, St Louis JD, Douglas WI, Pasquali SK, Caldarone CA.
Ann Thorac Surg. 2026 Sep 10:S0003-4975(26)00903-3. doi: 10.1016/j.athoracsur.2026.08.024. Epub ahead of print.
PMID: 42722263.

FLOT-induced vs CROSS-induced pathological complete response.
Brady JR, Axtell AL, Maloney JD.
JAMA Surg. 2026 Sep 1;161(9):925-926. doi: 10.1001/jamasurg.2026.2701.
PMID: 42455598.

Plateau pressure exceeding peak inspiratory pressure during pressure mode ventilation with active inspiratory effort.
Sajjad H, Steffes T, Haen S, Winnike H, McCarthy DP, Faust H, Eberlein M.
Am J Crit Care. 2026 Sep 1;35(5):389-394. doi: 10.4037/ajcc2026219.
PMID: 42676133.

The Society of Thoracic Surgeons expert consensus document (2026) on addressing definition and practices of sublobar resection in non-small cell lung cancer.
Khullar OV, Kidane B, Altorki N, Antonoff M, Axtell AL, Kim SS, Krantz SB, Mitzman B, Raymond DP, Seder CW, Sood P, Towe CW, Wakwe WC, Crabtree T, Hayanga JWA.
Ann Thorac Surg. 2026 Sep;122(3):531-548. doi: 10.1016/j.athoracsur.2026.06.015. Epub 2026 Jun 19.
PMID: 42320552.

COLORECTAL SURGERY

Disparities in robot utilization in colorectal surgery: The widening gap.
Donaldson AE, Jochum SB, Knight J 3rd, Underhill JM, Grimes C, DeCesare LA, O'Donnell B, Ritz EM, Govekar HR, Bhama AR, King-Mullins E, Hayden DM.
Surg Endosc. 2026 Sep;40(9):7657-7675. doi: 10.1007/s00464-025-12459-w. Epub 2026 Jul 8.
PMID: 42417828; PMCID: PMC13582138.

ENDOCRINE SURGERY

How frequently does parathyroidectomy and adjuvant treatment lead to clinically meaningful changes in bone mineral density? A multi-institutional study.
Druar N, Finn CB, Cher BA, Sant VR, Lu P, Applewhite M, Anderson D, Maalouf NM, Mosquera JE, Schneider D, Chiu A, Long K, Davies L, Sippel RS, Balentine C.
Surgery. 2026 Sep 1:110589. doi: 10.1016/j.surg.2026.110589. Epub ahead of print.
PMID: 42778489.

Language discordance: An underrecognized surgical access barrier in primary hyperparathyroidism.
Hernandez A, Helbing A, Cooper E, Gutierrez-Meza D, Alagoz E, Chiu A.
Am J Surg. 2026 Sep 29;262:117271. doi: 10.1016/j.amjsurg.2026.117271. Epub ahead of print.
PMID: 42849116.

Outcomes after inguinal hernia repair: How strong is the evidence for minimally invasive versus open repair?
Cher BAY, Lin Q, Frank KA, Balentine CJ.
Hernia. 2026 Sep 5;30(1):344. doi: 10.1007/s10029-026-03824-2.
PMID: 42700266; PMCID: PMC13546352.

Understanding low motivation for treatment in primary hyperparathyroidism: A qualitative study of patients and providers in the United States.
O'Connor J, Helbing A, Guiterrez-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.

Why patients decline parathyroidectomy: A mixed-methods analysis of decision-making in primary hyperparathyroidism.
Helbing A, Gutierrez-Meza D, Alagoz E, Chiu A.
Am J Surg. 2026 Sep 30;262:117278. doi: 10.1016/j.amjsurg.2026.117278. Epub ahead of print.
PMID: 42842967.

MINIMALLY INVASIVE SURGERY

Association of venous thromboembolism prophylaxis with postoperative bleeding in bariatric surgery: An observational study.
Lauer KV, Ho J, Jawara D, Owen M, Acra A, Brahmbhatt M, Leverson GE, Harris DA, Lidor AO, Funk LM.
Surg Obes Relat Dis. 2026 Sep 21:S1550-7289(26)00909-3. doi: 10.1016/j.soard.2026.08.030. Epub ahead of print.
PMID: 42869679; PMCID: PMC13662282.

Folic acid polyglutamylation triggers MAP2K5 signaling to induce adipocyte lipid catabolism.
Kim WS, Danner R, Cho J, Williams J, Lopez L, Bao Y, Hansen JK, Poad EM, Khan H, Kim D, Parks BW, Van Vranken JG, Harris DA, Galmozzi A, Patti ME, Chaudhari SN.
bioRxiv [Preprint]. 2026 Sep 17:2026.09.15.751849. doi: 10.64898/2026.09.15.751849.
PMID: 42779987; PMCID: PMC13596321.

Post-operative hemoglobin trends for patients undergoing bariatric surgery: A retrospective observational study.
Lauer KV, Ho J, Stalter LN, Owen M, Acra A, Brahmbhatt M, Harris DA, Lidor AO, Funk LM.
Obes Surg. 2026 Sep;36(9):4791-4800. doi: 10.1007/s11695-026-08875-z. Epub 2026 Jul 25.
PMID: 42501168; PMCID: PMC13562350.

PEDIATRIC SURGERY

Operative timing of resection in prenatally diagnosed congenital lung malformations among major children's hospitals in the United States.
Halbert-Elliott KM, Bertaux NJ, Stewart LA, Buchmiller TL, Calkins CM, Carlson A, Carr BD, Cass DL, Church JT, Chimner A, Crosier CJ, Derderian SC, Duron VP, Fenton SJ, Ferrantella A, Flyer Z, Gigena-Heitsman C, Gray BW, Gurrala RR, Khan FA, Kim AG, Larsen K, Lee J, Lobeck IN, Maloney CW, Park J, Partrick D, Pena D, Jean Pierre TA, Ray M, Robertson JO, Rollins B, Rymeski B, Schwab ME, Sims JK, Cherney Stafford LM, Snyder CW, Sun RC, Templeton LR, Tracy SA, Vaughn C, Yu PT, Zamora IJ, Kunisaki SM; Congenital Lung Malformation Study Group.
J Pediatr Surg. 2026 Sep 8:163449. doi: 10.1016/j.jpedsurg.2026.163449. Epub ahead of print.
PMID: 42710582.

Recurrent small bowel obstruction following contrast challenge versus surgical intervention at index presentation: 1-year follow-up of the Adhesive Bowel Obstruction in Children (ABC) study.
Speck KE, Gilliam EA, Van Arendonk KJ, Hirschl RB, Goldstein SD, Leys CM, Markel TA, Rymeski B, Wright T, St Peter SD, Lal DR, Mak G, Shah NR, Halaweish IF, Bergus KC, Criss CN, Ayala SA, Zeineddin S, Joshi DS, Landman MP, Mannava S, Trinidad S, Carter SR, Georgeades C, Yeh A, Shakhsheer B, Flynn-O'Brien KT, Minneci PC; Midwest Pediatric Surgery Consortium.
J Pediatr Surg. 2026 Sep 21:163490. doi: 10.1016/j.jpedsurg.2026.163490. Epub ahead of print.
PMID: 42767333.

Timing of inguinal hernia repair does not influence recurrence in premature infants.
Brierley SF, Ochoa B, Alhajjat A, Byrd E, Chao SD, Clifton MS, Clinker CE, Dantes G, Diaz-Miron J, Fialkowski EA, Gillory L, Gurria JP, Guner Y, Haddadin Z, Highet A, Huerta CT, Keane OA, Laje P, Le HD, Lee J, Lesher A, Pandya SR, Lin S, Papastefan ST, Parrado RH, Perez EA, Kelley-Quon LI, Rehrer W, Russell KW, Selesner L, Shideler BL, Slater BJ, Stellon MA, Stephens C, Sutyak KM, Tsao K, Velazco CS, Webber N, Wieck MM, Yu PT, Ostlie DJ, Padilla BE.

J Pediatr Surg. 2026 Sep 3;61(12):163442. doi: 10.1016/j.jpedsurg.2026.163442. Epub ahead of print.
PMID: 42692192.

PLASTIC SURGERY

Financing a private practice: A practical framework for plastic surgeons.
Mosca N, Zeitouni F, Tierney M, Via EC, Wirth PJ, Attaluri PK, Rao VK.
Plast Reconstr Surg Glob Open. 2026 Sep 3;14(9):e8038. doi: 10.1097/GOX.0000000000008038.
PMID: 42698616; PMCID: PMC13542048.

From residency to retirement: An overview of personal finance for plastic surgery trainees.
Zeitouni F, Quach MP, Tierney M, Craig JN, Attaluri PK, Rao VK.
Plast Reconstr Surg Glob Open. 2026 Sep 3;14(9):e8039. doi: 10.1097/GOX.0000000000008039.
PMID: 42698638; PMCID: PMC13542051.

Marketing a plastic surgery practice: Strategies, insights, and practical considerations.
Khosla AS, Zeitouni F, Laning EK, Tierney M, Attaluri PK, Rao VK.
Plast Reconstr Surg Glob Open. 2026 Sep 3;14(9):e8037. doi: 10.1097/GOX.0000000000008037.
PMID: 42698929; PMCID: PMC13542058.

Neighborhood disadvantage predicts surgical approach in craniosynostosis repair.
Kalluri MH, O'Shea AW, Chu DY, Blum JD, Carbullido MK, Krause GM, Garland CB, Cho DY.
Cleft Palate Craniofac J. 2026 Sep;63(9):2727-2735. doi: 10.1177/10556656251362777. Epub 2025 Nov 3.
PMID: 41182856.

Pathways to plastic surgery: Searching for hidden entrances.
Quach MP, Alamo-Irizarry L, Poore SO.
Plast Reconstr Surg. 2026 Sep 1;158(3):539e-540e. doi: 10.1097/PRS.0000000000013048. Epub 2025 Dec 22.
PMID: 41849634.

Response to: The cost of matching into plastic surgery.
Quach MP, Zona EE, Murapa M, Craig J, Poore SO, Inchauste SM.
Ann Plast Surg. 2026 Sep 1;97(3):377-378. doi: 10.1097/SAP.0000000000004817. Epub 2026 Jun 29.
PMID: 42372242.

The fate of the neuromuscular junction in peripheral nerve injury - current understanding and future research aims: A scoping review.
Overland J, Savage A, Savage N, LaLiberte C, Dingle A, Shukla L.
JPRAS Open. 2026 May 1;51:312-329. doi: 10.1016/j.jpra.2026.04.016.
PMID: 42499481; PMCID: PMC13396745.

SURGICAL ONCOLOGY

A novel metric to guide cancer priorities in Pakistan.
Aslam A, Zafar SN.
J Coll Physicians Surg Pak. 2026 Sep;36(9):1210-1213. doi: 10.29271/jcpsp.2026.09.1210.
PMID: 42698255.

Evaluating a shared decision engagement system in the NCI community oncology research program: A multi-level RCT.
Hawley ST, Kidwell KM, Jagsi R, Barber AK, Wills R, Chow SL, Kour O, Segovia D, Abrahamse P, Resnicow K, Zikmund-Fisher BJ, Hofer TP, Neuman HB.
JNCI Cancer Spectr. 2026 Sep 28:pkag100. doi: 10.1093/jncics/pkag100. Epub ahead of print.
PMID: 42804742.

Evaluation of exogenous estrogen use in patients with lobular neoplasia and its role in subsequent breast cancer development.
Petrick J, Kolli V, Roy M, Elezaby MA, Lautner MA, Bozzuto LM, Woodfin AA, Neuman HB, Wilke LG, Beck AC.
Surgery. 2026 Sep 3:110625. doi: 10.1016/j.surg.2026.110625. Epub ahead of print.
PMID: 42786086; PMCID: PMC13612942.

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 path to independence: Progression in entrustment reflected in entrustable professional activity ratings.
Diaconescu A, Kasmirski J, White E, Korndorffer JR Jr, McLeod MC, Sarosi G, Barry C, Jones A, Minter RM, Brasel KJ, Lindeman B.
Ann Surg. 2026 Sep 1;284(3):573-581. doi: 10.1097/SLA.0000000000007114. Epub 2026 Jun 12.
PMID: 42277576.

Where the young go to die: A national study of place of death for young adults with gastrointestinal cancers.
Sherwani M, Admani Z, Kim S, Chawla E, Zafar SN, Khan A.
J Surg Res. 2026 Oct;326:1153-1160. doi: 10.1016/j.jss.2026.08.001. Epub 2026 Sep 11.
PMID: 42721934.

TRANSPLANTATION

An approach to antibody-mediated rejection in pediatric liver transplantation.
Jaramillo C, Randhawa P, Narang A, Gareau AJ, Weckwerth J, Mavis A, Mazariegos G, Furuya K, Kerkar N.
Pediatr Transplant. 2026 Sep;30(9):e70455. doi: 10.1111/petr.70455.
PMID: 42708530; PMCID: PMC13552086.

Ethical implementation of organ donation following medical assistance in dying: Recommendations of the Ethics Committee of the Transplantation Society.
Van Assche K, Mulder J, Ahn C, Allen RDM, Bollen J, Bramstedt KA, Burra P, Cras P, Dhital K, Dittmer I, Domínguez-Gil B, Downar J, Fadhil RAS, Ferdinande P, Forsythe JLR, Fortin MC, Freeman MA, Gerritsen RT, Grayson KE, Healey A, Kazemi A, Kute VB, Martin DE, Monbaliu D, Muller E, Nino-Murcia A, Olthuis G, Opdam HI, Parent B, Pérez Blanco A, Shemie SD, Siebelink M, Silva A, Silva E Silva V, Sonneveld HP, Stock PG, Ten Hoopen R, Thiessen C, van Mook W, Van Raemdonck D, Wall AE, Weiss MJ, Woodyatt L, Ysebaert D, Thomson D.

Transplantation. 2026 Sep 1;110(9):e1840-e1851. doi: 10.1097/TP.0000000000005812. Epub 2026 Jul 8.
PMID: 42418265; PMCID: PMC13489770.

Spatial biology of liver transplantation: Mapping injury, immunity, and repair in the allograft.
Lee JTC, Jennings H, Nakib D, Verstegen MMA, Liu J, Mas VR, MacParland S, Emamaullee J, Al-Adra D.
Liver Transpl. 2026 Sep 18. doi: 10.1097/LVT.0000000000000991. Epub ahead of print.
PMID: 42758896.

The palliation of pediatric kidney transplantation.
House TR, Thiessen C.
Pediatr Transplant. 2026 Sep;30(9):e70462. doi: 10.1111/petr.70462.
PMID: 42746897; PMCID: PMC13579611.

VASCULAR SURGERY

Best Case/Worst Case: A multisite randomized trial of scenario planning for patients with late-stage kidney disease.
Stalter LN, Hanlon BM, Bushaw KJ, Nitkowski J, Buffington A, Cheung KL, Zelenski AB, Kwekkeboom K, Bansal AD, Candice Crews D, Koncicki HM, Lam D, Moss AH, Rao MK, Felicity Wolfgram D, Yi J, Brill C, Isakova T, Schwarze ML.
J Am Geriatr Soc. 2026 Sep 5. doi: 10.1111/jgs.70695. Epub ahead of print.
PMID: 42698358.

Supporting patient goals through standardization and documentation of surgical goals in the electronic health record.
Telma KA, Hitzeman AL, Cohan JN, Schwarze ML.
J Am Geriatr Soc. 2026 Sep 22. doi: 10.1111/jgs.70710. Epub ahead of print.
PMID: 42773098.

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.
