



## Department of Surgery

UNIVERSITY OF WISCONSIN

SCHOOL OF MEDICINE AND PUBLIC HEALTH

# SEPTEMBER 2025 AND OCTOBER 2025 PUBLICATIONS

Congratulations to all department members whose research was published in September 2025 and October 2025! The following list is organized by division within the Department of Surgery.

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### **CROSS-DIVISION COLLABORATIONS**

#### **Building capacity in perioperative quality improvement in low- and middle- income countries: Experiences from Mombasa, Lusaka and Hawassa.**

Moturu A, Virani SS, Jaraczewski T, Melesse B, Vo T, Ko CY, Pikiti F, Sonkwe H, Moyo B, McQueen K, Tefera G, Peters X, Ojuka D, Kaafarani H, Parker R, Dodgion C, Rusy D, Zafar SN.

World J Surg. 2025 Oct 9. doi: 10.1002/wjs.70126. Epub ahead of print.

PMID: [41068051](#).

#### **Detection of PIK3CA mutations in anal dysplasia.**

Johnson HR, Dietmann EC, Praska CE, Dennison KL, McGregor SM, Suter W, Leverson G, Murtaza M, Carchman EH.

J Surg Res. 2025 Sep 30;315:106-112. doi: 10.1016/j.jss.2025.09.003. Epub ahead of print.

PMID: [41033178](#); PMCID: PMC12494155.

#### **Variable management of pediatric blunt renal trauma: A multicenter retrospective cohort study.**

Mannava SV, Muraru R, Raymond J, Markel TA, Bergus KC, Flynn-O'Brien K, Hartman HA, Speck KE, St Peter SD, Ayala SA, Callier K, Carter S, Elman M, Foley D, Goldstein SD, Koppera S, Kotagal M, Lal DR, Leys C, Marquart JP, Mak GZ, Moody S, Pitt JB, Santucci NM, Shah NR, Stellon M, Thakkar R, Wright T, Yeh A, Landman MP; Midwest Pediatric Surgery Consortium (MWPSOC).

J Trauma Acute Care Surg. 2025 Sep 1;99(3):387-396. doi: 10.1097/TA.0000000000004604. Epub 2025 Mar 20.

PMID: [40107964](#).

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### **ACUTE CARE AND REGIONAL GENERAL SURGERY**

#### **Emerging uses of 5-aminolevulinic-acid-induced protoporphyrin IX in medicine: A review of multifaceted, ubiquitous, molecular diagnostic, therapeutic, and theranostic opportunities.**

Pogue BW, Chen B, Ochoa MI, Petusseau A, Liu A, Gibson ALF, Maytin EV, Wilson BC.

J Biomed Opt. 2025 Dec;30(Suppl 3):S34112. doi: 10.1117/1.JBO.30.S3.S34112. Epub 2025 Oct 8.

PMID: [41070141](#); PMCID: PMC12506411.

**Understaffed and overworked: The stark reality of acute care surgeon staffing in the United States, an Eastern Association for the Surgery of Trauma multicenter study.**

Murphy PB, Coleman JJ, Wilson DJ, Maring M, Gellings J, Biesboer E, Kamine TH, Mukherjee K, Bonne S, Boltz MM, Winfield RD, Dumas RP, Kurle J, Guzman-Curtis R, Sciarretta JD, Maqbool B, Morse BC, Cripps MW, Gondek S, Barmparas G, Lilienstein J, Nahmias J, Faucher L, Bayouth CV, Egodage T, Marie Knowlton L, Berne JD, Fasanya C, Shaddix M, Jacobson LE, Farrell MS, Fernandez LG, Manning BM, Martin RS, Kirsch JM, Rakitin I, Englehart MS, Montgomery SC, Blondeau B, Emigh B, McKenzie K, Taghavi S, Tatebe LC, Cunningham KW, de Moya MA; ACS Staffing Authorship Group. *J Trauma Acute Care Surg.* 2025 Oct 1;99(4):560-570. doi: 10.1097/TA.0000000000004700. Epub 2025 Jul 4.

PMID: [40611385](#).

**Variation among trauma centers in the use of angioembolization and splenectomy rate in isolated high-grade blunt splenic injuries.**

Aoki M, Okada Y, Matsumoto S, Katsura M, Zarzaur BL, Matsushima K. *World J Surg.* 2025 Nov;49(11):3236-3241. doi: 10.1002/wjs.70104. Epub 2025 Sep 19.

PMID: [40973682](#).

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**CARDIOTHORACIC SURGERY**

**A simple clinical scoring model to predict significant left main/three-vessel disease in non-ST elevation acute coronary syndrome: The MADISON score.**

Rachwan RJ, Chehab O, Bou Chaaya RG, Daher G, Upadhyay S, Rajput F, Waqar A, Hollnagel F, de Biasi A, Osaki S, Alexanian RA, Tester GA, Lewis DH, Shah AR, Sullivan CE, Gimelli G, Jacobson KM, Filby SJ, Menees DS, Chetcuti SJ, Kleiman NS, Raval AN.

*Int J Cardiol.* 2025 Oct 26;444:133976. doi: 10.1016/j.ijcard.2025.133976. Epub ahead of print.

PMID: [41151651](#).

**Active and passive cardiac indexes as complementary predictors of outcomes after left ventricular assist device implantation.**

Vincy Tam WS, Calderon R, Lu S, Todd A, Rosenbaum A, Stulak JM, Tang PC.

*J Thorac Cardiovasc Surg.* 2025 Sep 8:S0022-5223(25)00759-7. doi: 10.1016/j.jtcvs.2025.09.005. Epub ahead of print.

PMID: [40930378](#).

**Effect of deployed cardiothoracic surgeons on clinical outcomes in U.S. service members with thoracic trauma in Operation Iraqi Freedom.**

Guenther TM, DeCamp MM, Moulton MJ, Gustafson JD.

*Mil Med.* 2025 Sep 1;190(Supplement\_2):268-273. doi: 10.1093/milmed/usaf157.

PMID: [40984124](#).

**Hydro-expansive and degradable biomaterial enabling shape recovery of film-based devices in biofluids.**

Wang R, Sui J, Chen P, Silva-Pedraza Z, Bontekoe J, Kim J, Li P, Pan F, Schmuck EG, Osaki S, Liu B, Wang X. A

*Adv Mater.* 2025 Oct;37(41):e10140. doi: 10.1002/adma.202510140. Epub 2025 Jul 29.

PMID: [40728249](#); PMCID: PMC12406138.

**Lung transplant outcomes in the Veterans Health Administration.**

Barron JO, Thuita L, Blackstone EH, Valapour M, McCarthy DP, DeCamp MM, McCurry KR, Budev MM, Elgharably H, Yun J, Raja S, Murthy SC, Ahmad U.

Ann Thorac Surg. 2025 Oct 10:S0003-4975(25)00958-0. doi: 10.1016/j.athoracsur.2025.09.014. Epub ahead of print.  
PMID: [41076000](#).

**NCCN Guidelines® Insights: Non-small cell lung cancer, version 7.2025.**

Riely GJ, Wood DE, Aisner DL, Loo BW Jr, 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, Lovly CM, Maldonado F, Morgensztern D, Mullikin TC, Ng T, Owen D, Owen DH, Patel SP, Patil T, Polanco PM, Riess J, Mendez ALR, Shapiro TA, Singh AP, Stevenson J, Tam A, Tanvetyanon T, Yanagawa J, Yau E, Gregory K, Hang L.  
J Natl Compr Canc Netw. 2025 Sep;23(9):354-362. doi: 10.6004/jnccn.2025.0043.  
PMID: [40930154](#).

**Sublobar resection in stage I lung cancer with tumor spread through air spaces.**

Axtell AL, Walker B, Brady JR, Zajac JC, McCarthy DP, Maloney JD, DeCamp MM.  
Ann Thorac Surg Short Rep. 2025 Feb 13;3(3):687-692. doi: 10.1016/j.atssr.2025.01.010. eCollection 2025 Sep.  
PMID: [41163892](#); PMCID: PMC12559274.

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**COLORECTAL SURGERY**

**Development of a pelvic floor disorders multidisciplinary curriculum for urogynecology and reconstructive pelvic surgery and colon and rectal surgery fellows.**

Nishtala MV, Patel U, Sous J, Heisler C, King R.  
J Surg Educ. 2025 Sep;82(9):103597. doi: 10.1016/j.jsurg.2025.103597. Epub 2025 Jul 10.  
PMID: [40645102](#).

**Invited commentary: On demonstrating reliable, patient-centered surgical decision-making.**

Berian JR.  
J Am Coll Surg. 2025 Sep 1;241(3):436-437. doi: 10.1097/XCS.0000000000001407. Epub 2025 Aug 14.  
PMID: [40202201](#).

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**ENDOCRINE SURGERY**

**Barriers to workup and referral of primary hyperparathyroidism: A qualitative study of providers' perspectives.**

Cooper E, Gutierrez-Meza D, Alagoz E, O'Connor J, Sanghvi A, Balentine C, Sippel R, Chiu A.  
Surgery. 2025 Oct 8:109711. doi: 10.1016/j.surg.2025.109711. Epub ahead of print.  
PMID: [41062397](#).

**"I have no idea why I am here": A mixed methods analysis to characterize barriers to referral and surgical treatment in disadvantaged patients with primary hyperparathyroidism.**

Smith ER, Chiu AS.  
Surgery. 2025 Oct 27:109785. doi: 10.1016/j.surg.2025.109785. Epub ahead of print.  
PMID: [41152115](#).

**Secondary analyses of swallowing efficiency and safety outcomes following thyroidectomy versus thyroidectomy plus prophylactic central neck dissection.**

Knigge MA, Robbins D, Thibeault S, Connor N, Sippel R.

Thyroid Res. 2025 Sep 16;18(1):45. doi: 10.1186/s13044-025-00264-5.  
PMID: [40954474](#); PMCID: PMC12439402.

**Setting yourself up for reoperative surgical success: Lessons learned from a 10-year experience with selective venous sampling for reoperative parathyroidectomy.**

Smith ER, Cooper E, Pinchot J, Sippel RS.

Surgery. 2025 Sep 26:109708. doi: 10.1016/j.surg.2025.109708. Epub ahead of print.

PMID: [41015677](#).

**Thyroid cancer-specific worry in the United States: A survey.**

Evans EE, Jensen CB, Chiu AS, Hoxha I, Saucke MC, Pitt SC.

Ann Surg Oncol. 2025 Sep;32(9):6205-6208. doi: 10.1245/s10434-025-17586-1. Epub 2025 Jun 16.

PMID: [40522575](#).

**Thyroid-stimulating immunoglobulin is not associated with aggressive clinicopathologic features in concomitant Graves' disease and papillary thyroid cancer.**

Finnerty BM, Marshall T, Annesi CA, Zarnegar R, Fahey TJ 3rd, Long K, Drake FT, Beninato T.

Am J Surg. 2025 Sep;247:116487. doi: 10.1016/j.amjsurg.2025.116487. Epub 2025 Jun 17.

PMID: [40544641](#).

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**MINIMALLY INVASIVE SURGERY**

**Durability wins - BIOLAP and the case for synthetic mesh.**

Lauer KV, Rendell VR, Funk LM.

JAMA Surg. 2025 Oct 8. doi: 10.1001/jamasurg.2025.4004. Epub ahead of print.

PMID: [41060635](#).

**Evaluating the economic impact of bariatric surgery: A multi-year comparative analysis.**

Lauer KV, Jawara D, Stalter LN, Hanlon BM, Lemahieu MR, Funk LM.

Am J Surg. 2025 Oct 10:116665. doi: 10.1016/j.amjsurg.2025.116665. Epub ahead of print.

PMID: [41109813](#).

**Growth differentiation factor 15 elevation in the central nervous system is associated with failure to thrive in Alexander disease.**

Hagemann TL, Sonsalla MM, Luzinski C, Zacahua F, Harris DA, Lamming DW, Messing A. Ann Clin

Transl Neurol. 2025 Sep 29. doi: 10.1002/acn3.70209. Epub ahead of print.

PMID: [41024483](#).

**The GLP-1 era - What comes after bariatric surgery?**

Lauer KV, Harris DA, Funk LM.

JAMA Surg. 2025 Oct 1;160(10):1066-1067. doi: 10.1001/jamasurg.2025.3099.

PMID: [40864450](#); PMCID: PMC12451535.

**Tissue-specific effects of dietary protein on cellular senescence are mediated by branched-chain amino acids.**

Calubag MF, Ademi I, Grunow ID, Breuer LE, Babygirija R, Lialios P, Le SM, Sonsalla MM, Illiano JA, Knopf BA, Xiao F, Minton D, Konopka AR, Harris DA, Lamming DW.

Aging Cell. 2025 Oct;24(10):e70176. doi: 10.1111/accel.70176. Epub 2025 Jul 28.

PMID: [40726002](#); PMCID: PMC12507398.

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## **PEDIATRIC SURGERY**

### **Characteristics of transfusion and association with oncologic outcomes in hepatoblastoma resection.**

Polites SF, Aldrink JH, Lautz TB, Vierkant RA, Ragan MV, Reiter A, Chen SY, Kim ES, Rinehardt HN, Malek MM, Fleming AM, Murphy AJ, Roach JP, Radhakrishnan S, Kastenberg ZJ, Piche N, Osman Y, Iii HNL, Tracy ET, Favela J, Le HD, Marquart J, Craig B, Lal DR, Seemann N, Petroze R, Rich BS, Glick RD, Selesner L, Yoo A, Fialkowski E, Brown EG, Boehmer C, Dasgupta R, Langham MR Jr. *Pediatr Blood Cancer*. 2025 Dec;72(12):e32029. doi: 10.1002/pbc.32029. Epub 2025 Sep 3. PMID: [40899404](#).

### **Cold atmospheric plasma selectively targets neuroblastoma: Mechanistic insights and in vivo validation.**

Milesh L, Nair B, Nguyen HM, Aiken T, Shohet JL, Le HD. *Cancers (Basel)*. 2025 Oct 25;17(21):3432. doi: 10.3390/cancers17213432. PMID: [41228225](#); PMCID: PMC12607432.

### **Under-oil neuronal cell culture: Enhanced system stability, yield, and modulated oxygen environment.**

Liang NW, Milesh L, Buttram KN, Park JL, Zhang J, Summey LA, Franck C, Beebe DJ, Le HD, Li C. *J Neurosci Methods*. 2025 Oct;422:110511. doi: 10.1016/j.jneumeth.2025.110511. Epub 2025 Jun 2. PMID: [40466868](#); PMCID: PMC12452084.

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## **PLASTIC SURGERY**

### **Allergy history and psychiatric diagnoses as predictors of postoperative outcomes in headache surgery.**

Fine KS, O'Shea AW, Gupta S, George RE, Afifi AM. *Plast Reconstr Surg*. 2025 Oct 14. doi: 10.1097/PRS.0000000000012527. Epub ahead of print. PMID: [41086353](#).

### **Blocking the holes: A systems-based approach to error prevention in the operating room using the swiss cheese model.**

Khosla AS, Zona EE, Quach M, LaLiberte CJ, Poore SO. *Plast Reconstr Surg*. 2025 Oct 23. doi: 10.1097/PRS.0000000000012561. Epub ahead of print. PMID: [41129820](#).

### **Charting the course: Examining trends and proposing improvements for the plastic surgery in-service examination.**

Thornton SM, Edalatpour A, Lyon SM, Blum JD, Larson JD, Cho DY. *J Surg Res*. 2025 Oct;314:701-706. doi: 10.1016/j.jss.2025.08.007. Epub 2025 Sep 10. PMID: [40934844](#).

### **Clinical application of free-style perforator-based stepladder v-y advancement flap for repair of small- to medium-sized wound defects of the posterior trunk.**

Wu Z, Xu S, Thornton SM, Li X, Zhang Q, Poore SO, Zeng W, Liao S, Shi Y, Zhang P. *Plast Reconstr Surg Glob Open*. 2025 Sep 16;13(9):e6885. doi: 10.1097/GOX.0000000000006885. PMID: [40963891](#); PMCID: PMC12440529.

### **Gender differences in electronic medical record usage between plastic surgeons at a single institution.**

Tierney MG, Via EC, Wirth PJ, Israel JS.  
Plast Reconstr Surg Glob Open. 2025 Sep 19;13(9):e7124. doi: 10.1097/GOX.00000000000007124.  
PMID: [40977874](#); PMCID: PMC12448175.

**Gloving the surgeon: A practical review of surgical glove material properties, safety, and waste.**

Patel JJ, Fine KS, O'Shea AW, Wirth PJ, Shaffrey EC, Attaluri PK, Rao VK.  
Ann Surg Open. 2025 Aug 4;6(3):e600. doi: 10.1097/AS9.0000000000000600.  
PMID: [40989868](#); PMCID: PMC12453325.

**How informed are visiting medical students? A content analysis of online information regarding plastic surgery away rotations.**

Maisner RS, Tierney M, Thornton SM, Knazze J, Ortmann S, Cho DY.  
J Surg Educ. 2025 Sep;82(9):103584. doi: 10.1016/j.jsurg.2025.103584. Epub 2025 Jun 28.  
PMID: [40582073](#).

**In response to inconsistent associations of Modified Frailty Index-5 with adverse head and neck reconstruction outcomes.**

Orgun D, Poore SO.  
Laryngoscope. 2025 Sep 3. doi: 10.1002/lary.70096. Epub ahead of print.  
PMID: [40899650](#).

**Maximizing your plastic surgery training: Professional society career development opportunities for students, residents, and fellows.**

Zona EE, Vo T, Edalatpour A, Israel JS.  
Ann Plast Surg. 2025 Nov 1;95(5):e36-e52. doi: 10.1097/SAP.0000000000004499. Epub 2025 Sep 1.  
PMID: [41081602](#).

**Microsurgery in motion: An objective assessment of microsurgical skill and efficiency.**

Lyon SM, Zeng W, Yang S, Wise BJ, Mohamadipanah H, Pugh CM, Poore SO.  
J Reconstr Microsurg. 2025 Oct;41(8):684-692. doi: 10.1055/a-2491-3249. Epub 2025 Jan 15.  
PMID: [39814035](#).

**Necrotizing soft tissue infection of the scalp and face.**

Gupta S, Attaluri PK, Larson J, Afifi AM.  
Case Reports Plast Surg Hand Surg. 2025 Oct 16;12(1):2575330. doi: 10.1080/23320885.2025.2575330.  
PMID: [41112923](#); PMCID: PMC12532351.

**Recent trends in nipple reconstruction - A case series and social media analysis of patient preferences.**

Yang S, Edalatpour A, Israel J, Gast K.  
J Plast Reconstr Aesthet Surg. 2025 Sep;108:1-7. doi: 10.1016/j.bjps.2025.06.042. Epub 2025 Jul 8.  
PMID: [40669114](#).

**Reimagining breast surgery: Robotic surgery, artificial intelligence, and the new frontier of plastic surgery.**

Shafeea MS, Rittblat M, Dingle AM.  
J Robot Surg. 2025 Sep 16;19(1):610. doi: 10.1007/s11701-025-02799-z.  
PMID: [40956497](#).

**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. 2025 Sep 24;10556656251381640. doi: 10.1177/10556656251381640. Epub ahead of print.  
PMID: [40990542](#).

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## **SURGICAL ONCOLOGY**

### **A comparative study of quality of life and oncologic outcomes in premenopausal women with hormone receptor-positive breast cancer: Bilateral oophorectomy vs. gonadotropin-releasing hormone agonist therapy.**

Erdemoglu E, Ruddy KJ, Buras MR, Quillen J, Couch FJ, Olson JE, Bozzuto LM, Larson NL, Yi J, Butler KA.

Cancers (Basel). 2025 Sep 5;17(17):2916. doi: 10.3390/cancers17172916.

PMID: [40941013](#); PMCID: PMC12427670.

### **Benchmarking the current landscape: Insights from an Association of American Cancer Institutes survey on academic cancer service lines.**

Fracasso PM, Simone NL, Si Lim SJ, Reckamp KL, Sosa JA, Lieu C, Lee C, Werner TL, Ly QP, Vose JM, White J, Honeycutt H, Shaw K, Cameron K, O'Brien DM, Wilke LG.

JCO Oncol Pract. 2025 Sep 24;OP2500073. doi: 10.1200/OP-25-00073. Epub ahead of print.

PMID: [40991878](#).

### **Biliary tract cancers, version 2.2025, NCCN Clinical Practice Guidelines in Oncology.**

Benson AB 3rd, D'Angelica MI, Abrams T, Ahmed A, Akce M, Anaya DA, Anders R, Are C, Aye L, Bachini M, Baker M, Binder D, Brown DB, Burgoyne A, Castellanos J, Cloyd J, Cullinan D, Franses J, Glazer ES, Harris W, Iyer R, Jennings L, Kelley RK, Khan S, Levine M, Melstrom L, Palta M, Raman S, Ronnekleiv-Kelly S, Sahai V, Stein S, Stephans K, Thanikachalam K, Turk A, Vauthey JN, Venook AP, Yano M, Yopp A, Zhao K, Schonfeld R, Hochstetler C.

J Natl Compr Canc Netw. 2025 Sep;23(9):403-418. doi: 10.6004/jnccn.2025.0042.

PMID: [40930144](#).

### **DNAJ-PKAc fusion heightens PLK1 inhibitor sensitivity in fibrolamellar carcinoma.**

Chan M, Zhu S, Nukaya M, Ferreira LT, Ronnekleiv-Kelly SM, Riehle KJ, Scott JD, Yeung RS, Gujral TS.

Gut. 2025 Sep 8;74(10):1680-1693. doi: 10.1136/gutjnl-2024-334274.

PMID: [40274389](#); PMCID: PMC12505043.

### **Evolution in the management of axillary lymph nodes in breast cancer.**

Wilke LG, Woodfin AA, Owusu-Brackett N, Beck AC.

Adv Surg. 2025 Sep;59(1):1-14. doi: 10.1016/j.yasu.2025.04.012. Epub 2025 Jun 14.

PMID: [40769688](#).

### **Experience with EPAs during the year of progressive engagement.**

Brasel KJ, Scott-Smith C, Barry C, Lindeman B, Sarosi G, Minter R, Jones A, Mellinger J, Buyske J.

J Surg Educ. 2025 Dec;82(12):103713. doi: 10.1016/j.jsurg.2025.103713. Epub 2025 Oct 18.

PMID: [41109804](#).

### **Long-term postoperative recovery trajectories among older individuals undergoing major operation.**

Khalil M, Altaf A, Woldesenbet S, Zindani S, Rashid Z, Zafar SN, Pawlik TM.

J Am Coll Surg. 2025 Oct 6. doi: 10.1097/XCS.0000000000001636. Epub ahead of print.

PMID: [41051110](#).

**Percutaneous drainage for pancreatitis, panniculitis, and polyarthritis syndrome.**

Bice C, Lin T, Longley BJ, Kubica P, Pfau P, Weber S, Kleedehn M.

J Vasc Interv Radiol. 2025 Oct;36(10):1623-1626.e1. doi: 10.1016/j.jvir.2025.06.011. Epub 2025 Jun 26.

PMID: [40581287](#).

**Perineural invasion worsens long-term outcomes of pancreatic neuroendocrine tumors following surgical resection.**

Xu H, Hou JJ, Xiang JX, Lopez-Aguiar AG, Poultsides G, Rocha F, Weber S, Fields R, Idrees K, Cho C, Maithel SK, Lv Y, Zhang XF, Pawlik TM.

Ann Surg Oncol. 2025 Oct 16. doi: 10.1245/s10434-025-18561-6. Epub ahead of print.

PMID: [41102572](#).

**Practice readiness of chief residents in a national sample during the first year of EPA assessments.**

Lindeman B, Scott-Smith C, Jones A, Sarosi GA Jr, Minter RM, Jung S, Jesneck J, Thanawala R, Mellinger JD, Buyske J, Brasel KJ.

Ann Surg. 2025 Oct 1;282(4):601-607. doi: 10.1097/SLA.0000000000006839. Epub 2025 Jul 15.

PMID: [40662595](#).

**Sumoylated Etv1 establishes mouse mammary cancer stem cells that support tumorigenesis by non-stem cancer cells.**

Li Z, Koch KE, Thompson DT, Van der Heide DM, Chang J, Franke CM, Suraju MO, Beck AC, Lorenzen AW, White JR, Bartschat NI, Kulak MV, Meyerholz DK, Kenny C, Weigel RJ.

Dev Cell. 2025 Sep 8;60(17):2264-2278.e7. doi: 10.1016/j.devcel.2025.04.005. Epub 2025 May 1.

PMID: [40315856](#); PMCID: PMC12353075.

**The effects of tetrahydrocannabinol and cannabidiol on sleep in cancer patients.**

Reddy AC, Hampton JM, Park SJ, Dickerson F, Chewing B, Schmitz N, Kwekkeboom K, Neuman H, Trentham-Dietz A.

Clin Transl Oncol. 2025 Oct 21. doi: 10.1007/s12094-025-04069-8. Epub ahead of print.

PMID: [41120744](#).

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**TRANSPLANTATION**

**Automated abdominal CT imaging biomarkers and clinical frailty measures associated with postoperative deceased-donor liver transplant outcomes.**

Liu D, Ji D, Garrett JW, Zea R, Kuchnia A, Summers RM, Mezrich JD, Pickhardt PJ.

Eur Radiol. 2025 Sep;35(9):5514-5524. doi: 10.1007/s00330-025-11523-2. Epub 2025 Mar 23.

PMID: [40121592](#).

**Immunological rejection in a heterotopic rat liver transplant model.**

Thompson C, Verhoven B, Zhang M, Zeng W, Alderete I, Hassan A, Chlebeck P, Matkowskyj K, Jennings H, Barbas AS, Al-Adra D.

Transplant Proc. 2025 Oct;57(8):1668-1673. doi: 10.1016/j.transproceed.2025.06.024. Epub 2025 Sep 17.

PMID: [40967922](#); PMCID: PMC12495908.

**Over 30 years of living liver donation in North America: Mortality associated with donation.**

King EA, Hernandez-Alejandro R, Emamaullee J, Al-Adra D, Byrne MM, Selzner N, Anderson B, Pomfret EA, Olthoff KM.

Ann Surg. 2025 Oct 1;282(4):650-657. doi: 10.1097/SLA.0000000000006895. Epub 2025 Aug 7.

PMID: [40772632](#).

**Protocol for decellularizing and delipidizing human pancreatic tissue into native hydrogel.**

Chamberlain CS, Tremmel DM, Khan AP, Santos EA, Kapadia D, Leavens C, Gorski KM, Hamadeh R, Feeney AK, Odorico J, Sackett SD.

STAR Protoc. 2025 Sep 19;6(3):103997. doi: 10.1016/j.xpro.2025.103997. Epub 2025 Jul 29.

PMID: [40742816](#); PMCID: PMC12332197.

**Stem cell-derived, fully differentiated islets for type 1 diabetes.**

Reichman TW, Markmann JF, Odorico J, Witkowski P, Fung JJ, Wijkstrom M, Kandeel F, de Koning EJP, Peters AL, Mathieu C, Kean LS, Bruinsma BG, Wang C, Mascia M, Sanna B, Marigowda G, Pagliuca F, Melton D, Ricordi C, Rickels MR; VX-880-101 FORWARD Study Group.

N Engl J Med. 2025 Sep 4;393(9):858-868. doi: 10.1056/NEJMoa2506549. Epub 2025 Jun 20.

PMID: [40544428](#).

**The questions not addressed: Who should be performing the virtual crossmatch, how should it be classified, and how to obtain reimbursement?**

Sullivan HC, Jaramillo A, Gaitonde S, Murphey C, Pandey S, Liu C, Jindra P, Hidalgo LG, Weimer ET, Alquist CR, Morris GP, Bray RA.

Am J Transplant. 2025 Oct;25(10):2260-2261. doi: 10.1016/j.ajt.2025.03.020. Epub 2025 Mar 21.

PMID: [40122176](#).

**Use of cross-sectional imaging body composition assessment to predict pancreas transplant outcomes.**

Snook C, Ziemlewicz T, Levenson G, Parajuli S, Mandelbrot D, Al-Adra DP, Kaufman DB, Odorico JS, Aufhauser DD.

Transpl Int. 2025 Oct 1;38:15000. doi: 10.3389/ti.2025.15000.

PMID: [41104385](#); PMCID: PMC12521003.

**Voucher donation: Will the promise be realized?**

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