



Department of Surgery

UNIVERSITY OF WISCONSIN

SCHOOL OF MEDICINE AND PUBLIC HEALTH

JANUARY 2023 PUBLICATIONS

Congratulations to all department members whose research was published in January 2023! The following list is organized by division within the Department of Surgery.

CROSS-DIVISION COLLABORATIONS

The relative importance of treatment outcomes to surgeons' recommendations for low-risk thyroid cancer.

Chiu AS, Saucke MC, Bushaw K, Voils CI, Sydnor J, Haymart M, Pitt SC.

Surgery. 2023 Jan;173(1):183-188. Epub 2022 Sep 29.

[PubMed ID: [36182602](#)]

ACUTE CARE AND REGIONAL GENERAL SURGERY

Bowel preparation prior to non-elective sigmoidectomy for sigmoid volvulus: Highly beneficial but vastly underused.

Schudrowitz N, Shahan CP, Moss T, Scarborough JE.

J Am Coll Surg. 2023 Jan 25. Epub ahead of print.

[PubMed ID: [36695556](#)]

Establishing a core outcomes set for massive transfusion: An EAST modified Delphi method consensus study.

Gelbard RB, Nahmias J, Byerly S, Ziesmann M, Stein D, Haut ER, Smith JW, Boltz M, Zarzaur B, Callum J, Cotton BA, Cripps M, Gunter OL, Holcomb JB, Kerby J, Kornblith LZ, Moore EE, Riojas CM, Schreiber M, Sperry JL, Yeh DD.

J Trauma Acute Care Surg. 2023 Jan 23. Epub ahead of print.

[PubMed ID: [36727810](#)]

Invited commentary: Moving the dial on outcomes for unplanned abdominal surgery.

Ho VP, Ingraham AM, Santry HP.

J Am Coll Surg. 2023 Jan 1;236(1):218-219. Epub 2022 Dec 15.

[PubMed ID: [36519919](#)]

Translating the value of the academic surgeon into salary, time, and resources.

Reiter AJ, Warner SG, Chen H, Ingraham AM, Hunter CJ, Freischlag J, Raval MV.

J Surg Res. 2023 Jan 20:S0022-4804(23)00002-1. Epub ahead of print.

[PubMed ID: [36682973](#)]

CARDIOTHORACIC SURGERY

Pre-operative anemia and peri-operative transfusion are associated with poor oncologic outcomes in cancers of the esophagus: Potential impact of patient blood management on cancer outcomes.

Connor JP, Destrampe E, Robbins D, Hess AS, McCarthy D, Maloney J.
BMC Cancer. 2023 Jan 28;23(1):99.
[PubMed ID: [36709278](#)]

COLORECTAL SURGERY

The use of the protease inhibitor, saquinavir, to treat anal cancer spheroids derived from human papillomavirus transgenic mice.

Johnson HR, Gunder LC, Levenson GE, Carchman EH.
Dis Colon Rectum. 2023 Mar 1;66(3):360-365. Epub 2023 Jan 4.
[PubMed ID: [36599112](#)]

ENDOCRINE SURGERY

A comparison of NSQIP and CESQIP in data quality and ability to predict thyroidectomy outcomes.

Hsiao V, Kazaure HS, Drake FT, Inabnet WB 3rd, Rosen JE, Davenport DL, Schneider DF.
Surgery. 2023 Jan;173(1):215-225. Epub 2022 Nov 17.
[PubMed ID: [36402607](#)]

Identifying intraoperative behaviors associated with surgical resident teachability.

Lauer KV, Jung SA, Elfenbein DM.
J Surg Educ. 2023 Jan;80(1):30-38. Epub 2022 Aug 18.
[PubMed ID: [35985934](#)]

MINIMALLY INVASIVE SURGERY

Commentary on the multi-society consensus conference and guideline on the treatment of Gastroesophageal Reflux Disease (GERD).

Dimou FM, Lidor A, Velanovich V.
J Gastrointest Surg. 2023 Jan 31. Epub ahead of print.
[PubMed ID: [36720755](#)]

What do patients want to know about surgery for low-risk thyroid cancer? A qualitative study.

Underwood HJ, Mott NM, Saucke MC, Roman BR, Voils CI, Pitt SC.
Surgery. 2023 Jan;173(1):226-231. Epub 2022 Nov 3.
[PubMed ID: [36336505](#)]

OTOLARYNGOLOGY-HEAD & NECK SURGERY

Acutely vulnerable populations and the plastic surgeons' role.

Marcus B.

Facial Plast Surg Aesthet Med. 2023 Jan-Feb;25(1):3.

[PubMed ID: [36657032](#)]

Automated detection of glottic laryngeal carcinoma in laryngoscopic images from a multicentre database using a convolutional neural network.

Yan P, Li S, Zhou Z, Liu Q, Wu J, Ren Q, Chen Q, Chen Z, Chen Z, Chen S, Scholp A, Jiang JJ, Kang J, Ge P.

Clin Otolaryngol. 2023 Jan 9. Epub ahead of print.

[PubMed ID: [36624555](#)]

Interstitial brachytherapy for lip cancer: Technical aspects to individualize treatment approach and optimize outcomes.

Merfeld EC, Witek ME, Francis DM, Burr AR, Wallace CR, Kuczmarska-Haas A, Lamichhane N, Kimple RJ, Glazer TA, Wieland AM, McCulloch TM, Hartig GK, Harari PM.

Pract Radiat Oncol. 2023 Jan 25:S1879-8500(23)00006-1. Epub ahead of print.

[PubMed ID: [36709044](#)]

PEDIATRIC SURGERY

Dollars and sense: The business of pediatric surgery.

Skarda DE, Danko ME, Glick RD, Guner YS, Le HD, Rich BS, Robertson DJ, Short SS, Weiss RG, Van Arendonk KJ, Raval MV; Delivery of Surgical Care Committee of the American Academy of Pediatrics Section on Surgery.

J Surg Res. 2023 Jan 25;285:220-228. Epub ahead of print.

[PubMed ID: [36706657](#)]

Natural history and consequence of patent processus vaginalis: An interim analysis from a multi-institutional prospective observational study.

Fraser JD, Duran YK, Deans KJ, Downard CD, Fallat ME, Gadepalli SK, Hirschl RB, Lal DR, Landman MP, Leys CM, Mak GZ, Markel TA, Minneci PC, Sato TT, St Peter SD; Midwest Pediatric Surgery Consortium.

J Pediatr Surg. 2023 Jan;58(1):142-145. Epub 2022 Oct 3.

[PubMed ID: [36307301](#)]

Pediatric injury transfer patterns during the COVID-19 pandemic: An interrupted time series analysis.

Flynn-O'Brien KT, Collings AT, Farazi M, Fallat ME, Minneci PC, Speck KE, Van Arendonk K, Deans KJ, Falcone RA Jr, Foley DS, Fraser JD, Gadepalli S, Keller MS, Kotagal M, Landman MP, Leys CM, Markel TA, Rubalcava N, St Peter SD, Sato TT; Midwest Pediatric Surgery Consortium.

J Surg Res. 2023 Jan;281:130-142. Epub 2022 Aug 30.

[PubMed ID: [36155270](#)]

Pediatric injury trends and relationships with social vulnerability during the COVID-19 pandemic: A multi-institutional analysis.

Flynn-O'Brien KT, Collings AT, Farazi M, Fallat ME, Minneci PC, Speck KE, Van Arendonk K, Deans KJ, Falcone RA Jr, Foley DS, Fraser JD, Gadepalli S, Keller MS, Kotagal M, Landman MP, Leys CM, Markel TA, Rubalcava N, St Peter SD, Sato TT; Midwest Pediatric Surgery Consortium.

J Trauma Acute Care Surg. 2023 Jan 1;94(1):133-140. Epub 2022 May 20.
[PubMed ID: [35995783](#); PMCID: PMC9812296.]

Thoracoscopy versus thoracotomy for esophageal atresia and tracheoesophageal fistula: Outcomes from the Midwest Pediatric Surgery Consortium.

Marquart JP, Bowder AN, Bence CM, St Peter SD, Gadepalli SK, Sato TT, Szabo A, Minneci PC, Hirschl RB, Rymeski BA, Downard CD, Markel TA, Deans KJ, Fallat ME, Fraser JD, Grabowski JE, Helmrath MA, Kabre RD, Kohler JE, Landman MP, Lawrence AE, Leys CM, Mak GZ, Port E, Saito J, Silverberg J, Slidell MB, Wright TN, Lal DR; Midwest Pediatric Surgery Consortium.
J Pediatr Surg. 2023 Jan;58(1):27-33. Epub 2022 Sep 24.
[PubMed ID: [36283849](#)]

PLASTIC SURGERY

Surgical and demographic predictors of free flap salvage after takeback: A systematic review.

Odorico SK, Reuter Muñoz K, J Nicksic P, Gunderson KA, Wood K, H Nkana Z, Bond E, Poore SO.
Microsurgery. 2023 Jan;43(1):78-88. Epub 2022 May 25.
[PubMed ID: [35611652](#)]

SURGICAL ONCOLOGY

Clinical trials that have informed the modern management of breast cancer.

Krecko LK, Lautner MA, Wilke LG.
Surg Oncol Clin N Am. 2023 Jan;32(1):27-46. Epub 2022 Nov 3.
[PubMed ID: [36410920](#)]

Genome-wide analysis of aberrant position and sequence of plasma DNA fragment ends in patients with cancer.

Budhreja KK, McDonald BR, Stephens MD, Contente-Cuomo T, Markus H, Farooq M, Favaro PF, Connor S, Byron SA, Egan JB, Ernst B, McDaniel TK, Sekulic A, Tran NL, Prados MD, Borad MJ, Berens ME, Pockaj BA, LoRusso PM, Bryce A, Trent JM, Murtaza M.
Sci Transl Med. 2023 Jan 11;15(678):eabm6863. Epub 2023 Jan 11.
[PubMed ID: [36630480](#)]

Impact of preoperative jaundice and biliary drainage on short- and long-term outcomes among patients with gallbladder cancer.

Xiang JX, Maithel SK, Weber SM, Poultides G, Wolfgang C, Jin L, Fields RC, Weiss M, Scoggins C, Idrees K, Shen P, Zhang XF, Pawlik TM.
J Gastrointest Surg. 2023 Jan;27(1):105-113. Epub 2022 Nov 14.
[PubMed ID: [36376722](#)]

Improving patient-centered communication in breast cancer: A study protocol for a multilevel intervention of a shared treatment deliberation system (SharES) within the NCI community oncology research program (NCORP) (Alliance A231901CD).

Hawley ST, Kidwell K, Zahrieh D, McCarthy A, Wills R, Rankin A, Hofer T, Chow S, Jagsi R, Neuman H.
Trials. 2023 Jan 6;24(1):16.
[PubMed ID: [36609349](#)]

TRANSPLANTATION

6-month antibody kinetics and durability after four doses of a SARS-CoV-2 vaccine in solid organ transplant recipients.

Mitchell J, Chiang TP, Alejo JL, Kim JD, Chang A, Abedon AT, Avery RK, Tobian AAR, Levan ML, Warren DS, Garonzik-Wang JM, Segev DL, Massie AB, Werbel WA.

Clin Transplant. 2023 Jan;37(1):e14868. Epub 2022 Dec 7.

[PubMed ID: [36437691](#)]

Higher fasting pretransplant C-peptide levels in Type 2 diabetics undergoing simultaneous pancreas-kidney transplantation are associated with posttransplant pancreatic graft dysfunction.

Parajuli S, Mandelbrot D, Aufhauser D, Kaufman D, Odorico J.

Transplantation. 2023 Jan 5. Epub ahead of print.

[PubMed ID: [36706060](#)]

Infliximab induction lacks efficacy and increases BK virus infection in deceased donor kidney transplant recipients: Results of the CTOT-19 trial.

Hricik DE, Armstrong B, Alhamad T, Brennan DC, Bromberg JS, Bunnapradist S, Chandran S, Fairchild RL, Foley DP, Formica R, Gibson IW, Kesler K, Kim SJ, Mannon RB, Menon MC, Newell KA, Nickerson P, Odim J, Poggio ED, Sung R, Shapiro R, Tinckam K, Vincenti F, Heeger PS.

J Am Soc Nephrol. 2023 Jan 1;34(1):145-159. Epub 2022 Oct 4.

[PubMed ID: [36195441](#)]

Neoadjuvant chemotherapy plus living donor transplantation (LDLT) for non-resectable liver metastases from colorectal cancer (CRC).

Lambdin J, Ryan CE, Alejandro RH, Baker T, Sapisochin G, Hernandez JM, Al-Adra DP.

Ann Surg Oncol. 2023 Jan;30(1):18-20. Epub 2022 Oct 31.

[PubMed ID: [36316505](#)]

Quantifying the immune response to a tissue-engineered porcine extracellular matrix.

El-Andari R, Bozso SJ, Jh Kang J, Fialka NM, Al-Adra D, Meyer SR, Moon MC, Freed DH, Nagendran J, Nagendran J.

Regen Med. 2023 Jan 24. Epub ahead of print.

[PubMed ID: [36691822](#)]

PASC in solid organ transplant recipients with self-reported SARS-CoV-2 infection.

Alasfar S, Chiang TP, Snyder AJ, Ou MT, Boyarsky BJ, Abedon AT, Alejo JL, Cook S, Cochran W, Brigham E, Parker AM, Garonzik-Wang J, Massie AB, Brennan DC, Vannorsdall T, Segev DL, Avery RK.

Transplantation. 2023 Jan 1;107(1):181-191. Epub 2022 Sep 19.

[PubMed ID: [36117251](#)]

Psychosocial assessment in liver transplantation (LT): An analysis of short-term outcomes.

Matthews LA, Musto JA, Deiss-Yehiely N, Daniel KE, Lightbourn C, Garvey M, Osman F, Foley DP, Rice JR, Lucey MR.

Hepatol Commun. 2023 Jan 10;7(1):e0017.

[PubMed ID: [36633478](#)]

Simultaneous thoracic and abdominal donation after circulatory death organ recovery: The abdominal surgeon's perspective.

Thiessen C, Wisel SA, Roll GR.

Curr Opin Organ Transplant. 2023 Jan 4. Epub ahead of print.

[PubMed ID: [36603197](#)]

VASCULAR SURGERY

A vein wall cell atlas of murine venous thrombosis determined by single-cell RNA sequencing.

DeRoo E, Zhou T, Yang H, Stranz A, Henke P, Liu B.

Commun Biol. 2023 Jan 31;6(1):130.

[PubMed ID: [36721040](#)]

Five-year outcomes from a prospective, multicenter study of endovascular repair of iliac artery aneurysms using an iliac branch device.

Schneider DB, Matsumura JS, Lee JT, Peterson BG, Chaer RA, Oderich GS.

J Vasc Surg. 2023 Jan;77(1):122-128. Epub 2022 Jul 13.

[PubMed ID: [35842202](#)]

The role of patch closure in current-day carotid endarterectomy.

Zaza SI, Bennett KM.

J Vasc Surg. 2023 Jan;77(1):170-175.e2. Epub 2022 Aug 10.

[PubMed ID: [35963459](#)]
