



Department of Surgery

UNIVERSITY OF WISCONSIN

SCHOOL OF MEDICINE AND PUBLIC HEALTH

JANUARY 2024 PUBLICATIONS

Congratulations to all department members whose research was published in January 2024!
The following list is organized by division within the Department of Surgery.

CROSS-DIVISION COLLABORATIONS

Compressive median neuropathy caused by brachial artery pseudoaneurysm.

Attaluri P, Elmaraghi S, Casaretto CV, Gander B, Morgan C, Hanna A.

Surg Neurol Int. 2024 Jan 12;15:11.

[PubMed ID: [38344104](#)]

ACUTE CARE AND REGIONAL GENERAL SURGERY

Characteristics and malignancy rates of adult patients diagnosed with choledochal cyst in the West: A systematic review.

Bloomfield GC, Nigam A, Calvo IG, Dorris CS, Fishbein TM, Radkani P, Winslow ER.

J Gastrointest Surg. 2024 Jan;28(1):77-87.

[PubMed ID: [38353080](#)]

Emergency general surgery verification: Quality improvement and the case for optimal resources and process standards.

Coleman JJ, Davis KA, Savage SA, Staudenmayer K, Coimbra R.

J Trauma Acute Care Surg. 2024 Jan 1;96(1):e1-e4. Epub 2023 Sep 6.

[PubMed ID: [37678150](#)]

Invited commentary: Symbiotic relationship between the pancreatic surgeon and the pancreatic imager: Necessity of reciprocal communication.

Winslow ER.

Radiographics. 2024 Jan;44(1):e230225.

[PubMed ID: [38060423](#)]

Mobile critical care recovery program for survivors of acute respiratory failure: A randomized clinical trial.

Khan BA, Perkins AJ, Khan SH, Unverzagt FW, Lasiter S, Gao S, Wang S, Zarzaur BL, Rahman O, Eltarras A, Qureshi H, Boustani MA.

JAMA Netw Open. 2024 Jan 2;7(1):e2353158.

[PubMed ID: [38289602](#)]

Pain management in trauma: The need for trauma-informed opioid prescribing guidelines.

Baltes A, Horton DM, Malicki J, Trevino C, Agarwal S Jr, Zarzaur BL, Brown RT.

Trauma Surg Acute Care Open. 2024 Feb 10;9(1):e001294.

[PubMed ID: [38352958](#)]

COLORECTAL SURGERY

Surgical site infection prevention using "strike teams": The experience of an academic colorectal surgical department.

Hatharaliyadda B, Schmitz M, Mork A, Osman F, Heise C, Safdar N, Pop-Vicas A.

J Healthc Qual. 2024 Jan-Feb 01;46(1):22-30.

[PubMed ID: [38166163](#)]

ENDOCRINE SURGERY

Assessing fear of thyroid cancer in the general U.S. population: A cross-sectional study.

Taylor SR, Chiu A, Hoxha I, Saucke MC, Jensen CB, Pitt SC.

Thyroid. 2024 Jan 12. Epub ahead of print.

[PubMed ID: [38115606](#)]

Health-related quality of life in patients with low-risk differentiated thyroid cancer: A systematic review examining the extent of thyroidectomy.

Bach K, Ansari P, Ansari H, Mott NM, Elfenbein DM, Underwood H, Pitt SC.

Thyroid. 2024 Jan;34(1):14-25. Epub 2023 Nov 14.

[PubMed ID: [37861284](#)]

Lymph node imaging for thyroid cancer.

Holoubek SA, Sippel RS.

Clin Endocrinol (Oxf). 2024 Jan;100(1):96-101. Epub 2023 Nov 27.

[PubMed ID: [38009335](#)]

The risks of failed nonoperative management of appendicitis in older adults.

Lunardi N, Marten E, Sharath S, Kougias P, Pham TH, Balentine CJ.

Am J Surg. 2024 Jan 29:S0002-9610(24)00021-7. Epub ahead of print.

[PubMed ID: [38320887](#)]

OTOLARYNGOLOGY-HEAD & NECK SURGERY

Early ultrasonic vocalization deficits and related thyroarytenoid muscle pathology in the transgenic TgF344-AD rat model of Alzheimer's disease.

Rudisch DM, Krasko MN, Barnett DGS, Mueller KD, Russell JA, Connor NP, Ciucci MR.

Front Behav Neurosci. 2024 Jan 23;17:1294648.

[PubMed ID: [38322496](#)]

Economic burden of induced laryngeal obstruction in adolescents and children.

Fujiki RB, Lunga T, Francis DO, Thibeault SL.

Laryngoscope. 2024 Jan 17. Epub ahead of print.

[PubMed ID: [38230958](#)]

Effectiveness and feasibility of telepractice on voice therapy for female teachers in elementary schools with self-reported voice disorders.

Liu H, Hao G, Chen S, Ouyoung L, Liu Y, Li J, Duan H, Li Z, Liu Y, Zhong J, Liu B, Jiang J. J Voice. 2024 Jan;38(1):244.e1-244.e13. Epub 2021 Sep 25.

[PubMed ID: [34583880](#)]

Examining therapy duration in adults with induced laryngeal obstruction (ILO).

Fujiki RB, Fujiki AE, Thibeault SL.

Am J Otolaryngol. 2024 Jan-Feb;45(1):104094. Epub 2023 Nov 5.

[PubMed ID: [37948819](#)]

Functionality of bone marrow mesenchymal stromal cells derived from head and neck cancer patients - A FDA-IND enabling study regarding MSC-based treatments for radiation-induced xerostomia.

Blitzer GC, Paz C, Glassey A, Ganz OR, Giri J, Pennati A, Meyers RO, Bates AM, Nickel KP, Weiss M, Morris ZS, Mattison RJ, McDowell KA, Croxford E, Chappell RJ, Glazer TA, Rogus-Pulia NM, Galipeau J, Kimple RJ.

Radiother Oncol. 2024 Jan 13;192:110093. Epub ahead of print.

[PubMed ID: [38224919](#)]

Large-scale gene expression changes in APP/PSEN1 and GFAP mutation models exhibit high congruence with Alzheimer's disease.

Gammie SC, Messing A, Hill MA, Kelm-Nelson CA, Hagemann TL.

PLoS One. 2024 Jan 18;19(1):e0291995.

[PubMed ID: [38236817](#)]

Normative high-resolution pharyngeal manometry: Impact of age, size of system, and sex on primary metrics and pressure stability.

Jones CA, Lagus JF, Abdelhalim SM, Osborn CM, Colevas SM, McCulloch TM.

Dysphagia. 2024 Jan 17. Epub ahead of print.

[PubMed ID: [38231239](#)]

PEDIATRIC SURGERY

The use and timing of angio-embolization in pediatric blunt liver and spleen injury.

Naiditch JA, Notrica DM, Sayrs LW, Linnaus M, Stottlemire R, Garcia NM, Lawson KA, Cohen AS, Letton RW, Johnson J, Maxson RT, Eubanks JW 3rd, Ryan M, Alder A, Ponsky TA, St Peter SD, Bhatia AM, Leys CM.

J Trauma Acute Care Surg. 2024 Jan 9. Epub ahead of print.

[PubMed ID: [38189680](#)]

PLASTIC SURGERY

Current weight loss medications: What plastic surgeons should know.

Wirth PJ, Shaffrey EC, Bay C, Rao VK.

Aesthet Surg J. 2024 Jan 16;44(2):NP177-NP183.

[PubMed ID: [37706359](#)]

Indications of oblique flankplasty.

Wirth P, Afifi AM.

Clin Plast Surg. 2024 Jan;51(1):111-117. Epub 2023 Jul 31.

[PubMed ID: [37945067](#)]

Latex-infused porcine abdominal model: A novel microsurgery simulator for deep inferior epigastric perforator dissection.

Shaffrey EC, Zeng W, Nicksic PJ, Eftekari SC, Frank JM, Dingle AM, Poore SO.

J Reconstr Microsurg. 2024 Jan;40(1):23-29. Epub 2023 Apr 6.

[PubMed ID: [37023768](#)]

Microsurgical simulation training enhances medical student subinternship experience.

Zhang R, Zeng W, Dingle A, Poore SO.

Plast Reconstr Surg Glob Open. 2024 Jan 12;12(1):e5502.

[PubMed ID: [38223566](#)]

Modified Frailty Index predicts postoperative complications following adult-acquired buried penis surgery: A retrospective cohort study.

Moura SP, Shaffrey EC, Lam CS, Seitz AJ, Edalatpour A, Israel JS, Michelotti BF, Grimes MD, Williams DH, Poore SO.

J Plast Reconstr Aesthet Surg. 2024 Jan;88:493-499. Epub 2023 Nov 24.

[PubMed ID: [38101263](#)]

Outcomes of enhanced recovery protocols and tranexamic acid on double-incision versus periareolar gender-affirming mastectomy: A retrospective study of postoperative outcomes.

Edalatpour A, Seitz AJ, Warden AM, Gunderson K, Wirth PJ, Rose K, Gast KM.

J Plast Reconstr Aesthet Surg. 2024 Jan;88:360-368. Epub 2023 Nov 22.

[PubMed ID: [38061259](#)]

Trigeminal or peripheral nerve stimulation improves functional outcomes of nerve recovery in a rodent forelimb gap repair model.

Nicksic PJ, Donnelly DT, Zeng W, Seitz AJ, Poore SO, Suminski AJ, Dingle AM.

J Plast Reconstr Aesthet Surg. 2024 Jan;88:57-65. Epub 2023 Oct 29.

[PubMed ID: [37952438](#)]

SURGICAL ONCOLOGY

Association of neighborhood disadvantage with short- and long-term outcomes after pancreatectomy for pancreatic ductal adenocarcinoma.

Marcinac CT, Praska CE, Vidri RJ, Taylor AK, Krebsbach JK, Ahmed KS, LoConte NK, Varley PR, Afshar M, Weber SM, Abbott DE, Mathew J, Murtaza M, Burkard ME, Churpek MM, Zafar SN.

Ann Surg Oncol. 2024 Jan;31(1):488-498. Epub 2023 Oct 2.

[PubMed ID: [37782415](#)]

Faculty entrustment and resident entrustability.

Millar JK, Matusko N, Evans J, Baker SJ, Lindeman B, Jung S, Minter RM, Weinstein E, Goodstein F, Cook MR, Brasel KJ, Sandhu G.

JAMA Surg. 2024 Jan 10:e236915. Epub ahead of print.

[PubMed ID: [38198146](#)]

Low prognostic nutritional index is common and associated with poor outcomes following curative-intent resection for gastro-entero-pancreatic neuroendocrine tumors.

Xiang JX, Qian YR, He J, Lopez-Aguilar AG, Poultsides G, Rocha F, Weber S, Fields R, Idrees K, Cho C, Maithel SK, Lv Y, Zhang XF, Pawlik TM.
Neuroendocrinology. 2024;114(2):158-169. Epub 2023 Sep 13.
[PubMed ID: [37703840](#)]

Multimodality imaging review of metastatic melanoma involving the breast.

Brodhead M, Woods RW, Fowler AM, Roy M, Neuman H, Gegios A.
Curr Probl Diagn Radiol. 2024 Jan 20:S0363-0188(24)00004-5. Epub ahead of print.
[PubMed ID: [38307731](#)]

Patient experience, adverse event reporting, and clinical trial design.

Neuman HB.
J Clin Oncol. 2024 Jan 20;42(3):247-249. Epub 2023 Dec 14.
[PubMed ID: [38096475](#)]

Validity of entrustable professional activities in a national sample of general surgery residency programs.

Montgomery KB, Mellinger JD, Jones A, McLeod MC, Zmijewski P, Sarosi GA Jr, Brasel KJ, Klingensmith ME, Minter RM, Buyske J, Lindeman B.
J Am Coll Surg. 2024 Jan 15. Epub ahead of print.
[PubMed ID: [38224150](#)]

Weekend discharge is not associated with increased readmission after hyperthermic intraperitoneal chemotherapy.

Florissi I, Radomski SN, Shou B, Cloyd JM, Kim A, Grotz T, Fournier K, Baumgartner JM, Lambert L, Abbott DE, Schwartz P, Staley CA, Clarke C, Dineen S, Patel SH, Wilson GC, Raof M, Johnston FM, Greer JB.
J Surg Res. 2024 Jan;293:403-412. Epub 2023 Oct 6.
[PubMed ID: [37806228](#)]

TRANSPLANTATION

Analysis of butyrophilin-mediated activation of $\gamma\delta$ T cells from human spleen.

Wang C, Lai AY, Baiu DC, Smith KA, Odorico JS, Wilson K, Schreiber T, de Silva S, Gumperz JE.
J Immunol. 2024 Jan 15;212(2):284-294.
[PubMed ID: [37991420](#)]

Detrimental impact of early biopsy-proven rejection in liver transplantation.

Aufhauser DD Jr, Stalter L, Marka N, Levenson G, Al-Adra DP, Foley DP.
Clin Transplant. 2024 Jan;38(1):e15206. Epub 2023 Dec 1.
[PubMed ID: [38041491](#)]

Donor electrocardiogram associations with cardiac dysfunction, heart transplant use, and survival: The Donor Heart Study.

Tapaskar N, Wayda B, Malinoski D, Luikart H, Groat T, Nguyen J, Belcher J, Nieto J, Neidlinger N, Salehi A, Geraghty PJ, Nicely B, Jendrisak M, Pearson T, Wood RP, Zhang S, Weng Y, Zaroff J, Khush KK.
JACC Heart Fail. 2024 Jan 6:S2213-1779(23)00850-8. Epub ahead of print.
[PubMed ID: [38244008](#)]

Early allogeneic immune modulation after establishment of donor hematopoietic cell-induced mixed chimerism in a nonhuman primate kidney transplant model.

Little CJ, Kim SC, Fechner JH, Post J, Coonen J, Chlebeck P, Winslow M, Kobuzi D, Strober S, Kaufman DB.
Front Immunol. 2024 Jan 22;15:1343616.
[PubMed ID: [38318170](#)]

Impact of pancreas transplantation alone on kidney function: A multicenter clinical cohort study.

Kaur RJ, Mujtahedi SS, Fridell JA, Benavides X, Smith B, Larson TS, Rizvi SR, Kukla A, Dean P, Kudva YC, Odorico J, Stegall M.
Clin Transplant. 2024 Jan;38(1):e15212. Epub 2023 Dec 1.
[PubMed ID: [38041451](#)]

Islet transplantation outcomes in type 1 diabetes and transplantation of HLA-DQ8/DR4: Results of a single-centre retrospective cohort in Canada.

Forbes S, Halpin A, Lam A, Grynoch D, Parker R, Hidalgo L, Bigam D, Anderson B, Dajani K, Kin T, O'Gorman D, Senior PA, Campbell P, Shapiro AMJ.
EClinicalMedicine. 2023 Dec 13;67:102333.
[PubMed ID: [38169703](#)]

Letter to the editor: Poor sensitivity of anti-nucleocapsid antibody in detecting prior COVID-19 in vaccinated solid organ transplant recipients.

Alejo JL, Chang TP, Frey S, Nair GA, Abedon AT, Nauroz Z, Karaba AH, Avery RK, Tobian AAR, Clarke WA, Garonzik-Wang JM, Segev DL, Massie AB, Werbel WA.
Clin Transplant. 2024 Jan;38(1):e15233.
[PubMed ID: [38289891](#)]

Liver Transplantation. Reply.

Lucey MR, Furuya KN, Foley DP.
N Engl J Med. 2024 Jan 25;390(4):387.
[PubMed ID: [38265664](#)]

Risk factors and outcomes of persistent post-transplant hypotension among simultaneous pancreas and kidney transplant recipients.

Aziz F, Mandelbrot D, Jorgenson M, Muth B, Baltaji A, Pantha M, Kaufman D, Odorico J, Parajuli S.
Clin Transplant. 2024 Jan;38(1):e15197. Epub 2023 Nov 17.
[PubMed ID: [37975526](#)]

Temporal trends in kidney paired donation in the United States: 2006-2021 UNOS/OPTN database analysis.

Garg N, Thiessen C, Reese PP, Cooper M, Leishman R, Friedewald J, Sharfuddin AA, Nishio Lucar AG, Dadhania DM, Kumar V, Waterman AD, Mandelbrot DA.
Am J Transplant. 2024 Jan;24(1):46-56. Epub 2023 Sep 20.
[PubMed ID: [37739347](#)]

Twelve thousand kidney transplants over more than 55 Y: A single-center experience.

Parajuli S, Garonzik-Wang J, Astor BC, Aziz F, Garg N, Welch B, Odorico J, Mezrich J, Kaufman D, Foley DP, Mandelbrot D.
Transplant Direct. 2024 Jan 19;10(2):e1575.
[PubMed ID: [38264296](#)]

VASCULAR SURGERY

Decision-making in surgery.

Angelos P, Taylor LJ, Roggin K, Schwarze ML, Vaughan LM, Wightman SC, Sade RM.
Ann Thorac Surg. 2024 Jan 17:S0003-4975(24)00010-9. Epub ahead of print.

[PubMed ID: [38242340](#)]
