



Department of Surgery

UNIVERSITY OF WISCONSIN

SCHOOL OF MEDICINE AND PUBLIC HEALTH

DECEMBER 2023 PUBLICATIONS

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

CROSS-DIVISION COLLABORATIONS

Perinatal airway management in neonatal goiter: A healthcare cost and utilization project (HCUP) kids' inpatient database analysis.

Matabele MN, Cheng C, Venkatesh M, Barr S, Ellefson J, Beninati M, Lobeck IN, Puricelli MD. Int J Pediatr Otorhinolaryngol. 2023 Dec;175:111767. Epub 2023 Oct 31.

[PubMed ID: [37931498](#)]

Rates of detecting thyroid nodules recommended for biopsy with ultrasound: Are all indications equal?

Kennedy E, Zhang Y, Qadadha Y, Cheng C, Adil A, Bach K, Smith D, Arroyo N, Fernandes-Taylor S, Gettle LM, Mayer AM, Francis DO, Chiu AS.

Thyroid. 2023 Dec;33(12):1434-1440.

[PubMed ID: [37981778](#)]

ACUTE CARE AND REGIONAL GENERAL SURGERY

American Association for the Surgery of Trauma/American College of Surgeons-Committee on Trauma Clinical Consensus-Driven Protocol for glucose management in the post-resuscitation intensive care unit adult trauma patient.

Jacovides CL, Skeete DA, Werner NL, Toschlog EA, Agarwal S, Coopwood B, Crandall M, Tominaga GT.

J Trauma Acute Care Surg. 2023 Dec 1;95(6):951-958. Epub 2023 Aug 10.

[PubMed ID: [37561094](#)]

MultiCenter study of intra-abdominal abscess formation after major operative hepatic trauma.

Smith AA, Cone JT, McNickle AG, Mitchao DP, Kostka R, Martinez B, Schroeppel T, Cavalea A, Shahan CP, Axtman B, Braverman MA; Multi-Institutional Trial Liver Study Group.

J Surg Res. 2023 Dec 25;295:746-752. Epub ahead of print.

[PubMed ID: [38147760](#)]

COLORECTAL SURGERY

A phase I study of intra-anal artesunate (suppositories) to treat anal high-grade squamous intraepithelial lesions.

Fang SH, Plesa M, Carchman EH, Cowell NA, Staudt E, Twaroski KA, Buchwald UK, Trimble CL. PLoS One. 2023 Dec 15;18(12):e0295647. [PubMed ID: [38100463](#)]

Targeted mesenteric approaches to ileocolic Crohn's disease: A promising operative approach.

Sanger CB. Am J Surg. 2023 Dec 10:S0002-9610(23)00652-9. Epub ahead of print. [PubMed ID: [38104022](#)]

ENDOCRINE SURGERY

Outcomes of preoperative medical therapy for thyroidectomy in autoimmune thyroid disease.

Braafladt SM, Baumgartner TC, Allison HR, Blumenthaler AN, Ritter HE, Mariash CN, Elfenbein DM, McDow AD. J Surg Res. 2023 Dec 6;295:318-326. Epub ahead of print. [PubMed ID: [38061236](#)]

OTOLARYNGOLOGY-HEAD & NECK SURGERY

Contrast tomography (CT) performed to detect nodal metastasis for high-risk cutaneous squamous cell carcinomas of the head and neck has a high negative predictive value but a poor positive predictive value.

Rudningen K, Sable KA, Glazer TA, Hu R, Lasarev MR, Xu YG. JAAD Int. 2023 Jul 21;13:37-38. [PubMed ID: [37663165](#)]

Effects of device-facilitated lingual strengthening therapy on dysphagia related outcomes in patients post-stroke: A randomized controlled trial.

Krekeler BN, Yee J, Kurosu A, Osman F, Peña-Chávez R, Levenson G, Young B, Sattin J, Knigge M, Thibeault S, Rogus-Pulia N. Dysphagia. 2023 Dec;38(6):1551-1567. Epub 2023 May 17. [PubMed ID: [37195518](#)]

Evaluation and treatment of rhinosinusitis with primary antibody deficiency in adults: Evidence-based review with recommendations.

Makary CA, Luong AU, Azar A, Kim J, Ahmed OG, Chaaban MR, Damask CC, Hannikainen P, Joe S, Lam K, Peppers BP, Peters AT, Toskala E, Lin SY. Int Forum Allergy Rhinol. 2023 Dec;13(12):2205-2230. Epub 2023 Jun 26. [PubMed ID: [37300852](#)]

Factors associated with otolaryngologists performing tracheotomy.

Soliman SI, Panuganti BA, Francis DO, Pang J, Klebaner D, Asturias A, Alattar A, Wood S, Terry M, Bryson PC, Tipton CB, Zhao EE, O'Rourke A, Santa Maria C, Grimm DR, Sung CK, Lao WP, Thompson JM, Crawley BK, Rosen S, Berezovsky A, Kupfer R, Hennesy TB, Clary M, Joseph IT, Sarhadi K, Kuhn M, Abdel-Aty Y, Kennedy MM, Lott DG, Weissbrod PA.

JAMA Otolaryngol Head Neck Surg. 2023 Dec 1;149(12):1066-1073.
[PubMed ID: [37796485](#)]

Factors influencing behavioral cough suppression therapy in children with nonspecific chronic cough.

Fujiki RB, Wright ML, Fujiki AE, Thibeault SL.
Pediatr Pulmonol. 2023 Dec;58(12):3466-3477. Epub 2023 Sep 22.
[PubMed ID: [37737562](#)]

Intraoperative neural monitoring during head and neck surgery in patients with concern for cervical spine instability.

Matabele MN, Kille TL, Gorelik M, Van Beek-King J, Legare JM, Stadler JA 3rd, Iskandar BJ, Wheeler BJ, Puricelli MD.
Int J Pediatr Otorhinolaryngol. 2023 Dec;175:111749. Epub 2023 Oct 6.
[PubMed ID: [37839292](#)]

Modeling thyroid cancer epidemiology in the United States using papillary thyroid carcinoma microsimulation model.

Alagoz O, Zhang Y, Arroyo N, Fernandes-Taylor S, Yang DY, Krebsbach C, Venkatesh M, Hsiao V, Davies L, Francis DO.
Value Health. 2023 Dec 22:S1098-3015(23)06239-3. Epub ahead of print.
[PubMed ID: [38141816](#)]

Preclinical models of laryngeal papillomavirus infection: A scoping review.

King RE, Bilger A, Rademacher J, Lambert PF, Thibeault SL.
Laryngoscope. 2023 Dec;133(12):3256-3268. Epub 2023 May 25.
[PubMed ID: [37227124](#)]

The larynx is protected from secondary and vertical papillomavirus infection in immunocompetent mice.

King RE, Rademacher J, Ward-Shaw ET, Hu R, Bilger A, Blaine-Sauer S, Spurgeon ME, Thibeault SL, Lambert PF.
Laryngoscope. 2023 Dec 12. Epub ahead of print.
[PubMed ID: [38084790](#)]

Thyroarytenoid oxidative metabolism and synaptic signaling dysregulation in the female pink1-/- rat.

Barnett DGS, Lechner SA, Gammie SC, Kelm-Nelson CA.
Laryngoscope. 2023 Dec;133(12):3412-3421. Epub 2023 Jun 9.
[PubMed ID: [37293988](#)]

PEDIATRIC SURGERY

Pediatric surgeon perceptions on operating room environmental stewardship and current institutional climate-smart actions.

Sullivan GA, Reiter AJ, Smith C, Glick RD, Skarda DE, Le HD, Gow KW, Rich BS, Raval MV; American Academy of Pediatrics Section on Surgery Delivery of Surgical Care Committee.
J Pediatr Surg. 2023 Dec;58(12):2278-2285. Epub 2023 Jun 27.
[PubMed ID: [37468347](#)]

PLASTIC SURGERY

The looming future of private equity in plastic surgery.

Shaffrey EC, Attaluri PK, Wirth PJ, Rao VK.

Aesthet Surg J. 2023 Dec 27:sjad384. Epub ahead of print.

[PubMed ID: [38150274](#)]

SURGICAL ONCOLOGY

A retrospective cohort study to evaluate adding biomarkers to the risk analysis index of frailty.

Estock JL, Pandalai PK, Johannung JM, Youk AO, Varley PR, Arya S, Massarweh NN, Hall DE. J Surg Res. 2023 Dec;292:130-136. Epub 2023 Aug 22.

[PubMed ID: [37619497](#)]

Accuracy and prognostic impact of nodal status on preoperative imaging for management of pancreatic neuroendocrine tumors: A multi-institutional study.

Zhang N, He J, Maithel SK, Poultsides G, Rocha F, Weber S, Fields R, Idrees K, Cho C, Lv Y, Zhang XF, Pawlik TM.

Ann Surg Oncol. 2023 Dec 14. Epub ahead of print.

[PubMed ID: [38097878](#)]

Concerns about a frailty screening initiative and postoperative mortality-Reply.

Varley PR, Buchanan D, Hall DE.

JAMA Surg. 2023 Dec 1;158(12):1353-1354.

[PubMed ID: [37466936](#)]

Global cancer surgery: Pragmatic solutions to improve cancer surgery outcomes worldwide.

Are C, Murthy SS, Sullivan R, Schissel M, Chowdhury S, Alatisse O, Anaya D, Are M, Balch C, Bartlett D, Brennan M, Cairncross L, Clark M, Deo SVS, Dudeja V, D'Ugo D, Fadhil I, Giuliano A, Gopal S, Gutnik L, Ilbawi A, Jani P, Kingham TP, Lorenzon L, Leiphrakpam P, Leon A, Martinez-Said H, McMasters K, Meltzer DO, Mutebi M, Zafar SN, Naik V, Newman L, Oliveira AF, Park DJ, Pramesh CS, Rao S, Subramanyeshwar Rao T, Bargallo-Rocha E, Romanoff A, Rositch AF, Rubio IT, Salvador de Castro Ribeiro H, Sbaity E, Senthil M, Smith L, Toi M, Turaga K, Yanala U, Yip CH, Zaghloul A, Anderson BO.

Lancet Oncol. 2023 Dec;24(12):e472-e518. Epub 2023 Nov 2. Erratum in: Lancet Oncol. 2023 Dec;24(12):e459.

[PubMed ID: [37924819](#)]

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](#)]

Prediction of early recurrence following CRS/HIPEC in patients with disseminated appendiceal cancer.

SenthilKumar G, Merrill J, Maduekwe UN, Cloyd JM, Fournier K, Abbott DE, Zafar N, Patel S, Johnston F, Dineen S, Baumgartner J, Grotz TE, Maithel SK, Raoof M, Lambert L, Hendrix R, Kothari AN.

J Surg Res. 2023 Dec;292:275-288. Epub 2023 Sep 2.

[PubMed ID: [37666090](#)]

TRANSPLANTATION

Characterizing the risk of human leukocyte antigen-incompatible living donor kidney transplantation in older recipients.

Long JJ, Motter JD, Jackson KR, Chen J, Orandi BJ, Montgomery RA, Stegall MD, Jordan SC, Benedetti E, Dunn TB, Ratner LE, Kapur S, Pelletier RP, Roberts JP, Melcher ML, Singh P, Sudan DL, Posner MP, El-Amm JM, Shapiro R, Cooper M, Verbesey JE, Lipkowitz GS, Rees MA, Marsh CL, Sankari BR, Gerber DA, Wellen JR, Bozorgzadeh A, Gaber AO, Heher EC, Weng FL, Djamali A, Helderman JH, Concepcion BP, Brayman KL, Oberholzer J, Kozlowski T, Covarrubias K, Massie AB, McAdams-DeMarco MA, Segev DL, Garonzik-Wang JM.

Am J Transplant. 2023 Dec;23(12):1980-1989. Epub 2023 Sep 23.

[PubMed ID: [37748554](#)]

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. 2023 Dec 1:e15206. Epub ahead of print.

[PubMed ID: [38041491](#)]

Don't let the label "palliative care" stand in the way of meeting the needs of patients with graft loss.

Thiessen C, Jacobson N, Campbell T.

Am J Kidney Dis. 2024 Feb;83(2):136-138. Epub 2023 Dec 19.

[PubMed ID: [38127033](#)]

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. 2023 Dec 1:e15212. Epub ahead of print.

[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](#)]

Physician preferences when selecting candidates for lower-quality kidney offers.

Gonzalez Sepulveda JM, Mehrotra S, Yang JC, Schantz KJ, Becker Y, Formica R, Ladner DP, Kaufman D, Friedewald J.

Clin J Am Soc Nephrol. 2023 Dec 1;18(12):1599-1609. Epub 2023 Sep 20.

[PubMed ID: [37729938](#)]

Real world experience with conversion from valganciclovir to letermovir for cytomegalovirus prophylaxis: Letermovir reverses leukopenia and avoids mycophenolate dose reduction.

Jorgenson MR, Descourouez JL, Saddler CM, Smith JA, Odorico JS, Rice JP, Mandelbrot DA.

Clin Transplant. 2023 Dec;37(12):e15142. Epub 2023 Sep 27.

[PubMed ID: [37755141](#)]

Transplant candidate outcomes after declining a DCD liver in the United States.

Ishaque T, Eagleson MA, Bowring MG, Motter JD, Yu S, Luo X, Kernodle AB, Gentry S, Garonzik-Wang JM, King EA, Segev DL, Massie AB.

Transplantation. 2023 Dec 1;107(12):e339-e347. Epub 2023 Sep 20.
[PubMed ID: [37726882](#)]

VASCULAR SURGERY

Antioxidants and azd0156 rescue inflammatory response in autophagy-impaired macrophages.
Elbially A, Kitauchi M, Yamanouchi D.
Int J Mol Sci. 2023 Dec 21;25(1):169.
[PubMed ID: [38203340](#)]

OTHER

Well-being and burnout in surgical residency training: Understanding drivers is essential for targeting interventions.
Layne D, Jung S.
Am J Surg. 2023 Dec 7:S0002-9610(23)00630-X. Epub ahead of print.
[PubMed ID: [38114395](#)]
