



Department of Surgery

UNIVERSITY OF WISCONSIN

SCHOOL OF MEDICINE AND PUBLIC HEALTH

FEBRUARY 2024 PUBLICATIONS

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

CROSS-DIVISION COLLABORATIONS

Analysis of >15 000 solid organ transplant recipients reveals nonanal genitourinary HPV-related disease as highest risk predictor for anal squamous intraepithelial lesions/anal cancer.

Freeman MJ, Yang Q, Cherney-Stafford L, Striker R, Foley DP, Al-Adra DP, Sanger CB.

Transplantation. 2024 Feb 22. Epub ahead of print.

[PubMed ID: [38383963](#)]

Is nonoperative management of appendicitis safe and effective in multi-morbid patients?

Lunardi N, Meier J, Pham TH, Zarzaur BL, Agarwal S, Sharath S, Koungias P, Balentine CJ.

Surgery. 2024 Feb;175(2):258-264. Epub 2023 Nov 30.

[PubMed ID: [38040596](#)]

ACUTE CARE AND REGIONAL GENERAL SURGERY

Beyond grit and resilience: An Association of Women Surgeon's series on surgical culture change.

Shao JM, Hopp M, Nosanov L, Reyna C, Cannada LK; Association of Women Surgeons Publication Committee.

Am J Surg. 2024 Feb 10:S0002-9610(24)00109-0. Epub ahead of print.

[PubMed ID: [38365557](#)]

Evolution of pulmonary contusions in patients with severe rib fractures: Cause for concern?

Van Wijck SFM, Smith EF, Werner NL, Madden K, Moore EE, Wijffels MME, Pieracci FM.

Am Surg. 2024 Feb;90(2):261-269. Epub 2023 Aug 30.

[PubMed ID: [37646136](#)]

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](#)]

CARDIOTHORACIC SURGERY

Bilateral lung transplantation: How I teach it.

Hall DJ, Angeles CE, Guenther TM, Xia Y, Maloney JD, DeCamp MM, McCarthy DP.
Ann Thorac Surg. 2024 Feb;117(2):285-288. Epub 2023 Sep 29.

[PubMed ID: [37777148](#)]

Characteristics and outcomes of lung transplants performed with ex-situ lung perfusion.

Xia Y, Kim ST, Dacey M, Sayah D, Biniwale R, Ardehali A.
J Heart Lung Transplant. 2024 Feb;43(2):217-225. Epub 2023 Aug 27.

[PubMed ID: [37643655](#)]

Lung transplantation from hepatitis C+ donor lungs: Reassuring midterm outcomes.

Kim ST, Xia Y, Ho JK, Lowery E, McCarthy DP, Ardehali A.
J Heart Lung Transplant. 2024 Feb;43(2):337-345. Epub 2023 Oct 20.

[PubMed ID: [37866469](#)]

COLORECTAL SURGERY

Monitoring immune recovery on HIV therapy: Critical, helpful, or waste of money in the current era?

Gergen M, Hewitt A, Sanger CB, Striker R.
AIDS. 2024 Feb 2. doi: 10.1097/QAD.0000000000003850. Epub ahead of print.

[PubMed ID: [38310348](#)]

Outcomes and efficacy of magnetic resonance imaging-compatible sacral nerve stimulator for management of fecal incontinence: A multi-institutional study.

Katuwal B, Thorsen A, Kochar K, Bhullar R, King R, Drelichman ER, Mittal VK, Bhullar JS.
World J Radiol. 2024 Feb 28;16(2):32-39.

[PubMed ID: [38455883](#)]

Preclinical models of anal cancer combined-modality therapy.

Johnson HR, Gunder LC, Gillette A, Sleiman H, Rademacher BL, Meske LM, Culberson WS, Micka JA, Favreau P, Yao E, Matkowskyj KA, Skala MC, Carchman EH.
J Surg Res. 2024 Feb;294:82-92. Epub 2023 Oct 19.

[PubMed ID: [37864962](#)]

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 Feb;34(2):234-242. Epub 2024 Jan 12.

[PubMed ID: [38115606](#)]

MINIMALLY INVASIVE SURGERY

GERD after bariatric surgery: A review of the underlying causes and recommendations for management.

Pletch A, Lidor A.

Curr Gastroenterol Rep. 2024 Apr;26(4):99-106. Epub 2024 Feb 14.

[PubMed ID: [38353898](#)]

Small monetary incentives lead to greater adherence in a weight loss program.

Shetty A, Yang Q, Pendergast J, Levenson G, Shaw R, Voils CI, Gavin KL.

Am J Health Promot. 2024 Feb;38(2):177-185. Epub 2023 Nov 9.

[PubMed ID: [37943986](#)]

OTOLARYNGOLOGY-HEAD & NECK SURGERY

Association between estrogen exposure and idiopathic subglottic stenosis.

Nanda N, Huang LC, Chen SC, Berry LD, Talatala ERR, Clark E, Ye W, Gelbard A, Francis DO; North American Airway Collaborative.

Laryngoscope. 2024 Feb;134(2):825-830. Epub 2023 Sep 5.

[PubMed ID: [37668331](#)]

Clinical profiles of children and adolescents with induced laryngeal obstruction (ILO) and exercise induced laryngeal obstruction (EILO).

Fujiki RB, Olson-Greb B, Thibeault SL.

Ann Otol Rhinol Laryngol. 2024 Feb;133(2):136-144. Epub 2023 Aug 3.

[PubMed ID: [37534611](#)]

Commentary on: "Artificial intelligence versus human focus group rating of facial attractiveness" by Khodayar Goshtasbi et al.

Marcus B.

Facial Plast Surg Aesthet Med. 2024 Feb 19. Epub ahead of print.

[PubMed ID: [38377585](#)]

Effects of vocal fold lesions on particle deposition in a mouth-throat model: A numerical study.

Yu P, Xue C, Rosenthal J, Jiang JJ.

Auris Nasus Larynx. 2024 Feb;51(1):120-124. Epub 2023 May 8.

[PubMed ID: [37164816](#)]

Navigating pathways to diagnosis in idiopathic subglottic stenosis: A qualitative study.

Damico Smith C, Nanda N, Bonnet K, Schlundt D, Anderson C, Fernandes-Taylor S, Gelbard A, Francis DO.

Laryngoscope. 2024 Feb;134(2):815-824. Epub 2023 Sep 23.

[PubMed ID: [37740907](#)]

Proposal for standardized ultrasound analysis of the salivary glands: Part 1 submandibular gland.

Hoffman HT, Koch M, Witt RL, Ryan WR, Zenk J, Katz P, Rahmati R, Rassekh C, Donato F, McCulloch TM, Joshi AS, Chang JL, Gillespie MB, Pichardo PFA, Orloff LA, Marcelino A, Wenzel P, Cohen D, Fundakowski CE, Cognetti DM, Walvekar RR, Bertelli A, Quon H, Anderson C, Policeni B, Siegel G.

Laryngoscope Investig Otolaryngol. 2024 Feb 14;9(1):e1224.

[PubMed ID: [38362174](#)]

PEDIATRIC SURGERY

Using preference cards to support a thoughtful, evidence-based orthopaedic surgery practice.

Bellaire LL, Nichol PF, Noonan K, Shea KG.

J Am Acad Orthop Surg. 2024 Apr 1;32(7):287-295. Epub 2024 Feb 20.

[PubMed ID: [38373406](#)]

PLASTIC SURGERY

From tip of brush to tip of knife: The relationship between post-mastectomy breast reconstruction and the classical arts.

Wood Matabele KL, Nkana ZH, Seitz AJ, Edalatpour A, Mahajan AY, Poore SO.

Aesthet Surg J. 2024 Feb 7:sjae029. Epub ahead of print.

[PubMed ID: [38323872](#)]

Osteoarthritis increases the frequency and duration of postoperative hand clinic visits after carpal tunnel release.

George RE, Seitz AJ, Moura SP, McLaughlin MT, Crawford SB, Attaluri PK, Edalatpour A, Michelotti BF.

Plast Reconstr Surg Glob Open. 2024 Feb 27;12(2):e5631.

[PubMed ID: [38415106](#)]

Perforator dissection porcine abdominal model: A novel simulator to improve microsurgical training.

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

J Reconstr Microsurg. 2024 Feb 23. Epub ahead of print.

[PubMed ID: [38395058](#)]

Surgical management of adult acquired buried penis syndrome: A systematic review of patient-reported outcome instruments.

Thornton SM, Seitz AJ, Edalatpour A, Poore SO.

J Plast Reconstr Aesthet Surg. 2024 Feb 6;91:181-190. Epub ahead of print.

[PubMed ID: [38422919](#)]

SURGICAL ONCOLOGY

Preoperative CA 19-9 predicts disease progression in colorectal peritoneal metastases treated with cytoreductive surgery and hyperthermic intraperitoneal chemotherapy: An analysis from the US HIPEC Collaborative.

Fackche NT, Schmocker RK, Nudotor R, Kubi B, Cloyd JM, Grotz TE, Fournier KF, Dineen SP, Veerapong J, Baumgartner JM, Clarke CN, Patel SH, Wilson GC, Lambert LA, Pokrzywa C, Abbott DE, Lee B, Staley CA, Zaidi MY, Johnston FM, Greer JB.

Ann Surg Oncol. 2024 Feb 3. Epub ahead of print.

[PubMed ID: [38310181](#)]

The global burden of cervical cancer requiring surgery: Database estimates.

Allanson ER, Zafar SN, Anakwenze CP, Schmeler KM, Trimble EL, Grover S.

Infect Agent Cancer. 2024 Feb 26;19(1):5.

[PubMed ID: [38409082](#)]

Transforming the future of surgeon-scientists.

Ladner DP, Goldstein AM, Billiar TR, Cameron AM, Carpizo DR, Chu DI, Coopersmith CM, DeMatteo RP, Feng S, Gallagher KA, Gillanders WE, Lal BK, Lipshutz GS, Liu A, Maier RV, Mittendorf EA, Morris AM, Sicklick JK, Velazquez OC, Whitson BA, Wilke LG, Yoon SS, Zeiger MA, Farmer DL, Hwang ES; ASA Task Force for Research Sustainability.

Ann Surg. 2024 Feb 1;279(2):231-239. Epub 2023 Nov 2.

[PubMed ID: [37916404](#)]

TRANSPLANTATION

Anti-spike antibody durability after SARS-CoV-2 vaccination in adolescent solid organ transplant recipients.

McAteer J, Kalluri DD, Abedon RR, Qin CX, Auerbach SR, Charnaya O, Danziger-Isakov LA, Ebel NH, Feldman AG, Hsu EK, Mohammad S, Perito ER, Thomas AM, Chiang TPY, Garonzik-Wang JM, Segev DL, Werbel WA, Mogul DB.

Pediatr Transplant. 2024 Feb;28(1):e14671.

[PubMed ID: [38317335](#)]

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](#)]

Omicron infections in vaccinated pediatric solid organ transplant recipients.

McAteer J, Kalluri DD, Abedon RR, Qin CX, Auerbach SR, Charnaya O, Danziger-Isakov LA, Ebel NH, Feldman AG, Hsu EK, Mohammad S, Perito ER, Thomas AM, Chiang TPY, Garonzik-Wang JM, Segev DL, Werbel WA, Mogul DB.

J Pediatric Infect Dis Soc. 2024 Feb 26;13(2):152-154.

[PubMed ID: [38035755](#)]

Persistent SARS-CoV-2 infection: Significance and implications.

Machkovech HM, Hahn AM, Garonzik Wang J, Grubaugh ND, Halfmann PJ, Johnson MC, Lemieux JE, O'Connor DH, Piantadosi A, Wei W, Friedrich TC.

Lancet Infect Dis. 2024 Feb 7:S1473-3099(23)00815-0. Epub ahead of print.

[PubMed ID: [38340735](#)]

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

Embedding an education intervention about shared decision making into an RCT: Ensuring competency and fidelity.

Zelenski AB, Haug K, Bushaw KJ, Buffington A, Bradley T, Kwekkeboom KL, Stalter L, Hanlon BM, Wakeen MJ, Jhagroo RA, Maursetter LJ, Johnson SK, Campbell TC, Schwarze ML.
PEC Innov. 2024 Feb 2;4:100260.
[PubMed ID: [38347862](#)]

"The equipoise ruler:" A national survey on surgeon judgment about the value of surgery.
Zychowski KL, Stalter LN, Erb BM, Hanlon BM, Bushaw KJ, Buffington A, Bradley T, Arnold RM, Clapp J, Kruser JM, Schwarze ML.
Ann Surg. 2024 Feb 8. Epub ahead of print.
[PubMed ID: [38328985](#)]

OTHER

Well-being and burnout in surgical residency training: Understanding drivers is essential for targeting interventions.
Layne D, Jung S.
Am J Surg. 2024 Feb;228:43-44. Epub 2023 Dec 7.
[PubMed ID: [38114395](#)]
