



## Department of Surgery

UNIVERSITY OF WISCONSIN

SCHOOL OF MEDICINE AND PUBLIC HEALTH

# NOVEMBER 2023 PUBLICATIONS

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

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### **CROSS-DIVISION COLLABORATIONS**

#### **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. 2023 Nov 30:S0039-6060(23)00810-3. Epub ahead of print.

[PubMed ID: [38040596](#)]

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

#### **Angioembolization for isolated severe blunt splenic injuries with hemodynamic instability: A propensity score matched analysis.**

Aoki M, Matsumoto S, Abe T, Zarzaur BL, Matsushima K.

World J Surg. 2023 Nov;47(11):2644-2650. Epub 2023 Sep 7.

[PubMed ID: [37679608](#)]

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#### **Efficacy and safety of whole blood transfusion in non-trauma patients.**

Smith AA, Alkhatib R, Braverman M, Shahan CP, Axtman B, Nicholson S, Greebon L, Eastridge B, Jonas RB, Stewart R, Schaefer R, Foster M, Jenkins D.

Am Surg. 2023 Nov;89(11):4934-4936. Epub 2021 Sep 30.

[PubMed ID: [34592111](#)]

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#### **The things we carry: The scope and impact of second victim syndrome.**

Nosanov L, Elseth AJ, Maxwell J, Alimi YR, Giri O, Millar JK, Cannada L, Sulciner ML, Weaver JL; AWS Publications Committee.

Am J Surg. 2023 Nov;226(5):726-728. Epub 2023 Jul 3.

[PubMed ID: [37451938](#)]

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#### **To leave or not to leave: American Association for the Surgery of Trauma (AAST) panel discussion on personal, parental, and family leave.**

Kheirbek T, Hashmi DL, Bankhead BK, Holena DN, Winfield RD, Zarzaur BL, Hartwell J, Stassen NA, Foster SM.

Trauma Surg Acute Care Open. 2023 Nov 14;8(1):e001104.

[PubMed ID: [38020861](#)]

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## **CARDIOTHORACIC SURGERY**

### **Hybrid palliation versus nonhybrid management for a multi-institutional cohort of infants with critical left heart obstruction.**

Argo MB, Barron DJ, Bondarenko I, Eckhauser A, Gruber PJ, Lambert LM, Paramananthan T, Rahman M, Winlaw DS, Yerebakan C, Alsoufi B, DeCampi WM, Honjo O, Kirklin JK, Prospero C, Ramakrishnan K, St Louis JD, Turek JW, O'Brien JE Jr, Pizarro C, Anagnostopoulos PV, Blackstone EH, Jacobs ML, Jegatheeswaran A, Karamlou T, Stephens EH, Polimenakos AC, Haw MP, McCrindle BW.

J Thorac Cardiovasc Surg. 2023 Nov;166(5):1300-1313.e2. Epub 2023 May 8.

[PubMed ID: [37164059](#)]

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## **ENDOCRINE SURGERY**

### **Assessing a structured mental fitness program for academic acute care surgeons: A pilot study.**

Bhat SG, Nagaraj M, Balentine C, Hogan T, Meier J, Prince H, Abdelfattah K, Zeh H, Levi B.

J Surg Res. 2023 Nov 11;295:9-18. Epub ahead of print.

[PubMed ID: [37956507](#)]

### **Can we improve the quality of quality improvement?**

Balentine C.

JAMA Surg. 2023 Nov 1;158(11):1184.

[PubMed ID: [37610763](#)]

### **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. 2023 Nov 14. Epub ahead of print.

[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](#)]

### **Risk factors for the failure of non-operative management among patients admitted for colonic diverticulitis.**

Guerra ME, Chiu AS, Chilakamarthy S, Jean R, Brandt WS, Ruangvoravat L, Davis KA.

Am Surg. 2023 Nov;89(11):4552-4558. Epub 2022 Aug 19.

[PubMed ID: [35986004](#)]

### **Validated predictive model for treatment and prognosis of adrenocortical carcinoma.**

Zuber SM, Kuchta K, Holoubek SA, Khokar A, Moo-Young T, Prinz RA, Winchester DJ.

Surgery. 2023 Nov 10:S0039-6060(23)00618-9. Epub ahead of print.

[PubMed ID: [37953139](#)]

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## **MINIMALLY INVASIVE SURGERY**

### **A review and assessment of open access surgery journals.**

Cotter RR, Funk LM, Wong SL.

J Surg Res. 2023 Nov;291:742-748. Epub 2023 Jun 7.

[PubMed ID: [37291005](#)]

### **A review of implementation intentions as a tool to benefit high-need patients and healthcare systems: U.S. veterans affairs as an exemplar.**

Wright CE, Sheeran P, Voils CI, Blalock DV.

Patient Educ Couns. 2023 Nov;116:107937. Epub 2023 Aug 9.

[PubMed ID: [37595504](#)]

### **Identifying young adults at high risk for weight gain using machine learning.**

Murtha JA, Birstler J, Stalter L, Jawara D, Hanlon BM, Hanrahan LP, Churpek MM, Funk LM.

J Surg Res. 2023 Nov;291:7-16. Epub 2023 Jun 15.

[PubMed ID: [37329635](#)]

### **Moving from scores to solutions: Lessons learned from the social vulnerability index and disparities in surgical outcomes.**

Jawara D, Funk LM.

Am J Surg. 2023 Nov 17:S0002-9610(23)00617-7. Epub ahead of print.

[PubMed ID: [38008649](#)]

### **Patient and provider perceptions about communication after bariatric surgery: A qualitative analysis.**

Lam CS, Alagoz E, Jawara D, Murtha JA, Breuer CR, Pati B, Eierman L, Farrar-Edwards D, Voils CI, Funk LM.

J Surg Res. 2023 Nov;291:58-66. Epub 2023 Jun 20.

[PubMed ID: [37348437](#)]

### **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. 2023 Nov 9:8901171231213160. Epub ahead of print.

[PubMed ID: [37943986](#)]

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## **OTOLARYNGOLOGY-HEAD & NECK SURGERY**

### **Age-related sex differences in tongue strength and muscle morphometry in a rat model.**

Rohl AH, Connor NP, Russell JA.

Arch Oral Biol. 2023 Nov;155:105779. Epub 2023 Aug 1.

[PubMed ID: [37556980](#)]

### **Are children with cleft palate at increased risk for laryngeal pathology?**

Fujiki RB, Thibeault SL.

Cleft Palate Craniofac J. 2023 Nov;60(11):1385-1394. Epub 2022 Aug 1.

[PubMed ID: [35912443](#)]

### **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](#)]

**Long-term follow-up of 64 patients with idiopathic subglottic stenosis: Treatment pathways, outcomes, and impact of serial intralesional steroid injections.**

Schoeff S, Hoffman MR, Zhang Y, Yang Q, Dailey SH.

Ann Otol Rhinol Laryngol. 2023 Nov;132(11):1341-1348. Epub 2023 Feb 24.

[PubMed ID: [36840325](#)]

**Marrow-Derived Autologous Stromal Cells for the Restoration of Salivary Hypofunction (MARSH): A pilot, first-in-human study of interferon gamma-stimulated marrow mesenchymal stromal cells for treatment of radiation-induced xerostomia.**

Blitzer GC, Glazer T, Burr A, Gustafson S, Ganz O, Meyers R, McDowell KA, Nickel KP, Mattison RJ, Weiss M, Chappell R, Rogus-Pulia NM, Galipeau J, Kimple RJ.

Cytotherapy. 2023 Nov;25(11):1139-1144. Epub 2023 Aug 15.

[PubMed ID: [37589639](#)]

**Tongue and laryngeal exercises improve tongue strength and vocal function outcomes in a Pink1<sup>-/-</sup> rat model of early Parkinson disease.**

Broadfoot CK, Hoffmeister JD, Lechner SA, Krasko MN, Lambert E, Russell JA, Szot JC, Glass TJ, Connor NP, Kelm-Nelson CA, Ciucci MR.

Behav Brain Res. 2023 Nov 20;460:114754. Epub ahead of print.

[PubMed ID: [37981125](#)]

**Ultrasonic vocalization phenotypes in the Ts65Dn and Dp(16)1Yey mouse models of Down syndrome.**

Glass TJ, Lenell C, Fisher EH, Yang Q, Connor NP.

Physiol Behav. 2023 Nov 1;271:114323. Epub 2023 Aug 11.

[PubMed ID: [37573959](#)]

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## **PEDIATRIC SURGERY**

**A role for genitourinary reconstruction in locally advanced bilateral Wilm's tumor.**

Carey AZ, Le H, Farhat WA, Bhatia V.

Urology. 2023 Nov;181:141-143. Epub 2023 Aug 7.

[PubMed ID: [37557921](#)]

**Diagnostic performance of magnetic resonance imaging for pediatric ovarian neoplasms: A multi-institutional review.**

Bergus KC, Knaus ME, Onwuka AJ, Afrazi A, Breech L, Corkum KS, Dillon PA, Ehrlich PF, Fallat ME, Fraser JD, Gadepalli SK, Grabowski JE, Hertweck SP, Kabre R, Lal DR, Landman MP, Leys CM, Mak GZ, Markel TA, Merchant N, Overman RE, Rademacher BL, Raiji MT, Rymeski B, Sato TT, Wright T, Aldrink JH, Hewitt GD, Minneci PC, Deans KJ; Midwest Pediatric Surgery Consortium.

J Pediatr Adolesc Gynecol. 2023 Nov 25:S1083-3188(23)00446-1. Epub ahead of print.

[PubMed ID: [38008283](#)]

**Introduction of pediatric laparoscopic inguinal hernia repair in Guatemala.**

Cóbar JP, Nichol PF.

BMC Surg. 2023 Nov 27;23(1):361.

[PubMed ID: [38012603](#)]

**Relationship between the COVID-19 pandemic and structural inequalities within the pediatric trauma population.**

Georgeades C, Collings AT, Farazi M, Bergner C, Fallat ME, Minneci PC, Speck KE, Van Arendonk KJ, Deans KJ, Falcone RA Jr, Foley DS, Fraser JD, Gadepalli SK, Keller MS, Kotagal M, Landman MP, Leys CM, Markel TA, Rubalcava NS, St Peter SD, Sato TT, Flynn-O'Brien KT; Midwest Pediatric Surgery Consortium (MWPSC).  
Inj Epidemiol. 2023 Nov 28;10(Suppl 1):62.  
[PubMed ID: [38017506](#)]

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## **PLASTIC SURGERY**

### **Blue-blood pig thorax model increases residents' confidence in internal mammary dissection.**

Gunderson KA, Zeng W, Nkana ZH, Matabele Wood KL, Lyon SM, Albano NJ, Poore SO.  
J Reconstr Microsurg. 2023 Nov;39(9):734-742. Epub 2023 Mar 17.  
[PubMed ID: [36931312](#)]

### **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. 2023 Nov 24;88:493-499. Epub ahead of print.  
[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. 2023 Nov 22;88:360-368. Epub ahead of print.  
[PubMed ID: [38061259](#)]

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## **SURGICAL ONCOLOGY**

### **ATA risk stratification in papillary thyroid microcarcinoma has low positive predictive value when identifying recurrence.**

Tran A, Weigel RJ, Beck AC.  
Am J Surg. 2023 Nov 2;S0002-9610(23)00587-1. Epub ahead of print.  
[PubMed ID: [37968147](#)]

### **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, Leiphakpam 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](#)]

### **Neighborhood-level socioeconomic disadvantage predicts outcomes in cytoreductive surgery and hyperthermic intraperitoneal chemotherapy for peritoneal malignancy.**

Winicki NM, Radomski SN, Florissi IS, Cloyd JM, Gutta G, Grotz TE, Scally CP, Fournier KF, Dineen SP, Powers BD, Veerapong J, Baumgartner JM, Clarke CN, Kothari AN, Maduekwe UN, Patel SH, Wilson GC, Schwartz P, Varley PR, Raoof M, Lee B, Malik I, Johnston FM, Greer JB.  
Ann Surg Oncol. 2023 Nov;30(12):7840-7847. Epub 2023 Aug 24.  
[PubMed ID: [37620532](#)]

### **Transforming the future of surgeon-scientists.**

Ladner DP, Goldstein AM, Billiar TR, Cameron AM, Carpizo DR, Chu DI, Coopersmith CM, DeMatteo RP, Feng SH, 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. 2023 Nov 2. Epub ahead of print.  
[PubMed ID: [37916404](#)]

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## **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. 2023 Nov 22;ji2300588. Epub ahead of print.  
[PubMed ID: [37991420](#)]

### **Liver transplantation.**

Lucey MR, Furuya KN, Foley DP.  
N Engl J Med. 2023 Nov 16;389(20):1888-1900.  
[PubMed ID: [37966287](#)]

### **Normothermic machine perfusion of donor livers for transplantation in the United States: A randomized controlled trial.**

Chapman WC, Barbas AS, D'Alessandro AM, Vianna R, Kubal CA, Abt P, Sonnenday C, Barth R, Alvarez-Casas J, Yersiz H, Eckhoff D, Cannon R, Genyk Y, Sher L, Singer A, Feng S, Roll G, Cohen A, Doyle MB, Sudan DL, Al-Adra D, Khan A, Subramanian V, Abraham N, Olthoff K, Tekin A, Berg L, Coussios C, Morris C, Randle L, Friend P, Knechtle SJ.  
Ann Surg. 2023 Nov 1;278(5):e912-e921. Epub 2023 Jun 26.  
[PubMed ID: [37389552](#)]

### **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. 2023 Nov 30;piad108. Epub ahead of print.  
[PubMed ID: [38035755](#)]

### **Preserved 2-y liver transplant outcomes following simultaneous thoracoabdominal DCD organ procurement despite effects on liver utilization rate.**

Wisel SA, Steggerda JA, Thiessen C, Roll GR, Chen Q, Thomas J, Kaur B, Catarino P, Chikwe J, Kim IK.  
Transplant Direct. 2023 Oct 20;9(11):e1528.  
[PubMed ID: [37876918](#)]

### **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. 2023 Nov 17:e15197. Epub ahead of print.  
[PubMed ID: [37975526](#)]

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## **VASCULAR SURGERY**

**Development and validation of a novel endovascular thrombectomy device to treat deep vein thrombosis: A preclinical study in a swine model.**

Yamanouchi D.

Surg Today. 2023 Nov 8. Epub ahead of print.

[PubMed ID: [37938389](#)]

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## **OTHER**

**Discussion-based interprofessional education: A positive step toward promoting shared understanding between surgical residents and nurses.**

Krecko LK, Stalter LN, Pavuluri Quamme SR, Steege LM, Zelenski AB, Greenberg CC, Jung S.  
J Interprof Care. 2023 Nov 2;37(6):974-989. Epub 2023 May 10.

[PubMed ID: [37161400](#)]

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