



# Department of Surgery

UNIVERSITY OF WISCONSIN

SCHOOL OF MEDICINE AND PUBLIC HEALTH

## MARCH 2022 PUBLICATIONS

Congratulations to all department members whose research was published in March 2022! The following list is organized by division within the Department of Surgery.

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### ACUTE CARE AND REGIONAL GENERAL SURGERY

#### **Ex vivo human and porcine skin effectively model *C. auris* colonization, differentiating robust and poor fungal colonizers.**

Eix EF, Johnson CJ, Wartman KM, Kernien JF, Meudt JJ, Shanmuganayagam D, Gibson ALF, Nett JE.

J Infect Dis. 2022 Mar 10;jiac094.

[PubMed ID: [35267041](#)]

#### **Screening in Trauma for Opioid Misuse Prevention (STOMP): Results from a prospective cohort of victims of traumatic injury.**

Brown RT, Deyo B, Nicholas C, Baltus A, Hetzel S, Tilhou A, Quanbeck A, Glass J, O'Rourke A, Agarwal S.

Drug Alcohol Depend. 2022 Mar 1;232:109286.

[PubMed ID: [35101814](#)]

#### **Variations in clot phenotype following injury: The MA-R ratio and fragile clots.**

Harrington J, Zarzaur BL, Fox EE, Wade CE, Holcomb JB, Savage SA.

J Trauma Acute Care Surg. 2022 Mar 1;92(3):504-510.

[PubMed ID: [35196304](#)]

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### CARDIOTHORACIC SURGERY

#### **Commentary: Obstruction or No Obstruction? That Is the Question. Is CT the Answer We've Been Searching for?**

Allen CC, Anagnostopoulos PV.

Semin Thorac Cardiovasc Surg. 2022 Mar 21:S1043-0679(22)00065-X.

[PubMed ID: [35331897](#)]

#### **Evolving Characteristics of Heart Transplantation Donors and Recipients: JACC Focus Seminar.**

DeFilippis EM, Khush KK, Farr MA, Fiedler A, Kilic A, Givertz MM.

J Am Coll Cardiol. 2022 Mar 22;79(11):1108-1123.

[PubMed ID: [35300823](#)]

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## COLORECTAL SURGERY

### **Do immune inflammatory markers correlate with anal dysplasia and anal cancer risk in patients living with HIV?**

Stem J, Yang Q, Carchman E, Striker R, Sanger CB.  
Int J Colorectal Dis. 2022 Mar 25. Online ahead of print.  
[PubMed ID: [35332364](#)]

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## ENDOCRINE SURGERY

### **Evaluating Discrimination of ACS-NSQIP Surgical Risk Calculator in Thyroidectomy Patients.**

Hsiao V, Elfenbein DM, Pitt SC, Long KL, Sippel RS, Schneider DF.  
J Surg Res. 2022 Mar;271:137-144.  
[PubMed ID: [34896939](#)]

### **Surgery Acting Internship Individual Learning Plans: Fostering Mentorship in the COVID-19 Era.**

L'Huillier JC, Larson SL, Awe AM, Cook DS, Elfenbein DM.  
J Surg Educ. 2022 Mar 7:S1931-7204(22)00052-6.  
[PubMed ID: [35337762](#)]

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## MINIMALLY INVASIVE SURGERY

### **The 2020 Pandemics: Lessons Learned in Academic Surgery and Beyond.**

Gonzalez L, Pawlik TM, Kibbe MR, Williams B, Vicente D, O'Leary MP, Velopulos CG, Funk LM.  
J Surg Res. 2022 Mar 18:S0022-4804(22)00073-7.  
[PubMed ID: [35314073](#)]

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## OTOLARYNGOLOGY-HEAD & NECK SURGERY

### **Adult Onset Bilateral Cochlear Nerve Atrophy and Cochlear Implantation: A Case Report and Review of the Literature.**

Leonhard L, Brewer K, Roche J.  
Ann Otol Rhinol Laryngol. 2022 Mar;131(3):322-325.  
[PubMed ID: [34041922](#)]

### **Pembrolizumab Induced Acute Persistent Airway Disease in a Patient with Recurrent Respiratory Papillomatosis (RRP).**

Marcus K, Lee DJ, Wilson JS, Smith RJH, Puricelli M.  
Ann Otol Rhinol Laryngol. 2022 Mar;131(3):331-336.  
[PubMed ID: [34056952](#)]

### **Predictors of Voice Therapy Initiation: A Cross-Sectional Cohort Study.**

Pasternak K, Diaz J, Thibeault SL.  
J Voice. 2022 Mar;36(2):194-202.  
[PubMed ID: [32561211](#)]

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## **SURGICAL ONCOLOGY**

### **Comparing Veterans Affairs and Private Sector Perioperative Outcomes After Noncardiac Surgery.**

George EL, Massarweh NN, Youk A, Reitz KM, Shinall MC Jr, Chen R, Trickey AW, Varley PR, Johanning J, Shireman PK, Arya S, Hall DE.

JAMA Surg. 2022 Mar 1;157(3):231-239.

[PubMed ID: [34964818](#)]

### **Development stage of novel digital health interventions for postoperative monitoring: protocol of a systematic review.**

McLean KA, Knight SR, Diehl TM, Zafar SN, Bouamrane M, Harrison EM.

BMJ Surg Interv Health Technol. 2022 Mar 4;4(1):e000104.

[PubMed ID: [35321073](#)]

### **Peripheral nerve blocks with liposomal bupivacaine are associated with increased opioid use compared to thoracic epidural in patients with an epigastric incision.**

Aiken TJ, Padilla E, Lemaster D, Ronnekleiv-Kelly S, Weber S, Minter RM, Ethier S, Abbott DE.

J Surg Oncol. 2022 Mar;125(3):387-391.

[PubMed ID: [34617592](#)]

### **Reply: Comparing analgesic efficacy of peripheral nerve blocks with thoracic epidural block after major abdominal cancer surgery: Study design is important.**

Aiken TJ, Abbott DE.

J Surg Oncol. 2022 Mar;125(3):550.

[PubMed ID: [35023165](#)]

### **Surgical treatment of gastric adenocarcinoma: Are we achieving textbook oncologic outcomes for our patients?**

Spolverato G, Paro A, Capelli G, Dalmacy D, Poultides GA, Fields RC, Weber SM, Votanopoulos KI, He J, Maithel SK, Pucciarelli S, Pawlik TM.

J Surg Oncol. 2022 Mar;125(4):621-630.

[PubMed ID: [34964983](#)]

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## **TRANSPLANTATION**

### **Coagulopathy and hemostasis management in patients undergoing liver transplantation: Defining a dynamic spectrum across phases of care.**

Pillai AA, Kriss M, Al-Adra DP, Chadha RM, Cushing MM, Farsad K, Fortune BE, Hess AS, Lewandowski R, Nadim MK, Nydam T, Sharma P, Karvellas CJ, Intagliata N.

Liver Transpl. 2022 Mar 7. Epub ahead of print.

[PubMed ID: [35253365](#)]

### **De Novo Malignancies after Kidney Transplantation.**

Al-Adra D, Al-Qaoud T, Fowler K, Wong G.

Clin J Am Soc Nephrol. 2022 Mar;17(3):434-443.

[PubMed ID: [33782034](#)]

**Effect of Mycophenolate Mofetil Dosing on Antibody Response to SARS-CoV-2 Vaccination in Heart and Lung Transplant Recipients.**

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

Transplantation. 2022 Mar 3. Epub ahead of print.

[PubMed ID: [35250006](#)]

**Factors affecting sensitization following kidney allograft failure.**

Garg N, Viney K, Burger J, Hidalgo L, Parajuli S, Aziz F, Mohamed MA, Djamali A, Mandelbrot DA.

Clin Transplant. 2022 Mar;36(3):e14558.

[PubMed ID: [34923658](#)]

**Humoral and Cellular Immune Response to a Third Dose of SARS-CoV-2 Vaccine in Kidney Transplant Recipients Taking Belatacept.**

Mitchell J, Kim J, Alejo JL, Chiang TP, Karaba AH, Blankson JN, Aytenfisu TY, Chang A, Abedon AT, Avery RK, Tobian AA, Massie AB, Levan ML, Warren DS, Garonzik-Wang JM, Segev DL, Werbel WA.

Transplantation. 2022 Mar 14. Epub ahead of print.

[PubMed ID: [35289776](#)]

**RNA sequencing analysis of hepatocellular carcinoma identified oxidative phosphorylation as a major pathologic feature.**

Liu Y, Al-Adra DP, Lan R, Jung G, Li H, Yeh MM, Liu YZ.

HepatoL Commun. 2022 Mar 28. Epub ahead of print.

[PubMed ID: [35344307](#)]

**Robust engraftment of fetal nonhuman primate CD34-positive cells in immune-deficient mice.**

Little CJ, Haynes WJ, Huang L, Daffada CM, Wolfe KB, Perrin E, Simpson JA, Kropp Schmidt JA, Hinkle HM, Keding LT, Behrens RT, Evans DT, Kaufman DB, Thomson JA, Golos TG, Brown ME.

J Leukoc Biol. 2022 Mar 30. Epub ahead of print.

[PubMed ID: [35352381](#)]

**Single-cell RNA sequencing distinguishes dendritic cell subsets in the rat, allowing advanced characterization of the effects of FMS-like tyrosine kinase 3 ligand.**

Carlson KN, Verhagen JC, Jennings H, Verhoven B, McMorrow S, Pavan-Guimaraes J, Chlebeck P, Al-Adra DP.

Scand J Immunol. 2022 Mar 14:e13159. Epub ahead of print.

[PubMed ID: [35285040](#)]

**The effect of perioperative packed red blood cells transfusion on patient outcomes after liver transplant for hepatocellular carcinoma.**

Muaddi H, Abreu P, Ivanics T, Claasen M, Yoon P, Gorgen A, Al-Adra D, Badenoch A, McCluskey S, Ghanekar A, Reichman T, Sapisochin G.

HPB (Oxford). 2022 Mar;24(3):370-378.

[PubMed ID: [34325968](#)]

**Utility of protocol pancreas biopsies for de novo donor-specific antibodies.**

Parajuli S, Mandelbrot D, Odorico J.

Transplant Direct. 2022 Feb 11;8(3):e1287.

[PubMed ID: [35187214](#)]

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## VASCULAR SURGERY

### **Surgeon use of shared decision-making for older adults considering major surgery: A secondary analysis of a randomized clinical trial.**

Baggett ND, Schulz K, Buffington A, Marka N, Hanlon BM, Zimmermann C, Tucholka J, Fox D, Clapp JT, Arnold RM, Schwarze ML.

JAMA Surg. 2022 Mar 23:e220290. Epub ahead of print.

[PubMed ID: [35319737](#)]

### **Top ten tips palliative care clinicians should know about solid organ transplantation.**

Murakami N, Baggett ND, Schwarze ML, Ladin K, Courtwright AM, Goldberg HJ, Nolley EP, Jain N, Landzberg M, Wentlandt K, Lai JC, Shinall MC, Ufere NN, Jones CA, Lakin JR.

J Palliat Med. 2022 Mar 11. doi: 10.1089/jpm.2022.0013. Epub ahead of print.

[PubMed ID: [35275707](#)]