

Coffey M, Marino M, Lyren A, Purcell D, Hoffman JM, **Brilli R**, Muething S, Hyman D, Saysana M, Sharek PJ. Association Between Hospital-Acquired Harm Outcomes and Membership in a National Patient Safety Collaborative. *JAMA Pediatr.* 2022 Sep 1;176(9):924-932. doi: 10.1001/jamapediatrics.2022.2493. PMID: 35877132; PMCID: PMC9315995.

Hamill ME, Hernandez MC, Bailey KR, Cutherell CL, Zielinski MD, Jenkins DH, **Naylor DF**, Matos MA, Collier BR, Schiller HJ. Legal Firearm Sales at State Level and Rates of Violent Crime, Property Crime, and Homicides. *J Surg Res.* 2023 Jan;281:143-154. doi: 10.1016/j.jss.2022.08.004. Epub 2022 Sep 22. PMID: 36155271.

Smith HAB, **Besunder JB**, Betters KA, Johnson PN, Srinivasan V, **Stormorken A**, Farrington E, Golianu B, Godshall AJ, Acinelli L, Almgren C, Bailey CH, Boyd JM, Cisco MJ, Damian M, deAlmeida ML, Fehr J, Fenton KE, Gilliland F, Grant MJC, Howell J, Ruggles CA, Simone S, Su F, Sullivan JE, Tegtmeier K, Traube C, Williams S, Berkenbosch JW. 2022 Society of Critical Care Medicine Clinical Practice Guidelines on Prevention and Management of Pain, Agitation, Neuromuscular Blockade, and Delirium in Critically Ill Pediatric Patients With Consideration of the ICU Environment and Early Mobility. *Pediatr Crit Care Med.* 2022 Feb 1;23(2):e74-e110. doi: 10.1097/PCC.0000000000002873. PMID: 35119438.

DeCoy M, Page-Goertz C, Nofziger R, **Besunder J**, Raimer P, Gothard D, Brown M, Stewart R, Ruggles C, Breedlove K, Clark J. Hemodynamic profile effects of PM101 amiodarone formulation in patients with post-operative tachyarrhythmias. *Cardiol Young.* 2022 Sep 20:1-6. doi: 10.1017/S1047951122002888. Epub ahead of print. PMID: 36124626.

Gottula AL, Shaw CR, Milligan J, Chuko J, Lauria M, Swiencki A, **Bonomo J**, Ahmad S, Hinckley WR, **Gorder KL**. Impella in Transport: Physiology, Mechanics, Complications, and Transport Considerations. *Air Med J.* 2022 Jan-Feb;41(1):114-127. doi: 10.1016/j.amj.2021.10.003. Epub 2021 Nov 14. PMID: 35248330.

Mun KT, **Bonomo JB**, Liebeskind DS, Saver JL. Fragility Index Meta-Analysis of Randomized Controlled Trials Shows Highly Robust Evidential Strength for Benefit of <3 Hour Intravenous Alteplase. *Stroke.* 2022 Jun;53(6):2069-2074. doi: 10.1161/STROKEAHA.121.038153. Epub 2022 May 11. PMID: 35543129.

Gottula AL, Shaw CR, Gorder KL, Lane BH, Latessa J, Qi M, Koshoffer A, Al-Araji R, Young W, **Bonomo J**, Langabeer JR, Yannopoulos D, Henry TD, Hsu CH, Benoit JL. Eligibility of out-of-hospital cardiac arrest patients for extracorporeal cardiopulmonary resuscitation in the United States: A geographic information system model. *Resuscitation.* 2022 Sep 29;180:111-120. doi: 10.1016/j.resuscitation.2022.09.017. Epub ahead of print. PMID: 36183812.

Branson RD. Pandemic Surge, Well-Intended Responses, and Unintended Consequences. *Respir Care.* 2022 Feb;67(2):272-273. doi: 10.4187/respcare.09929. PMID: 35078901.

Chatburn RL, **Branson RD**. Shortages and Vulnerabilities of Hospital Oxygen Systems. *Respir Care.* 2022 Aug;67(8):1002-1010. doi: 10.4187/respcare.09853. Epub 2022 Jun 7. PMID: 35882443.

Kallet RH, **Branson RD**, Lipnick MS. Respiratory Drive, Dyspnea, and Silent Hypoxemia: A Physiological Review in the Context of COVID-19. *Respir Care.* 2022 Oct;67(10):1343-1360. doi: 10.4187/respcare.10075. Epub 2022 May 2. PMID: 35501129.

Gast S, Barroso J, Blanchard FA, Campbell AA, Carter SJ, Clark EV, Hilton R, **Branson R**, Greenberg S, Kleinpell R. Critical Care Nurses' Experiences of Caring for Patients With COVID-19: Results of a Thematic Analysis. *Am J Crit Care.* 2022 Jul 1;31(4):275-282. doi: 10.4037/ajcc2022784. PMID: 35425952.

Sawhney JS, Kasotakis G, Goldenberg A, Abramson S, Dodgion C, **Patel N**, Khan M, **Como JJ**. Management of rhabdomyolysis: A practice management guideline from the Eastern Association for the Surgery of Trauma. *Am J Surg.* 2022 Jul;224(1 Pt A):196-204. doi: 10.1016/j.amjsurg.2021.11.022. Epub 2021 Nov 22. PMID: 34836603.

Kaufman EJ, Zakrisson TL, Hoofnagle MH, Tatebe LC, Rattan R, Murphy PB, Smith RN, Joseph DK, Yeh DD, Haut ER, **Como JJ**, Christmas AB, Claridge JA, Stein DM, Jung HS. EAST evidence-based statement on "Stand Your Ground" laws. *J Trauma Acute Care Surg.* 2022 Sep 1;93(3):e123-e124. doi: 10.1097/TA.0000000000003682. Epub 2022 Jun 10. PMID: 35687805.

DeMario B, Robenstine J, Tseng ES, Douglass F, **Como JJ**, Claridge JA, Ho VP. "What Are My Injuries?" Health Literacy and Patient Comprehension of Trauma Care and Injuries. *J Surg Res.* 2021 Dec;268:105-111. doi: 10.1016/j.jss.2021.06.030. Epub 2021 Jul 20. PMID: 34298209.

Freeman JJ, Yorkgitis BK, Haines K, Koganti D, **Patel N**, Maine R, Chiu W, Tran TL, **Como JJ**, Kasotakis G. Vaccination after spleen embolization: A practice management guideline from the Eastern Association for the Surgery of Trauma. *Injury.* 2022 Nov;53(11):3569-3574. doi: 10.1016/j.injury.2022.08.006. Epub 2022 Aug 4. PMID: 36038390.

Mahoney EJ, Bugaev N, Appelbaum R, Goldenberg-Sandau A, Baltazar GA, Posluszny J, Dultz L, Kartiko S, Kasotakis G, **Como J**, Klein E. Management of the open abdomen: A systematic review with meta-analysis and practice management guideline from the Eastern Association for the Surgery of Trauma. *J Trauma Acute Care Surg.* 2022 Sep 1;93(3):e110-e118. doi: 10.1097/TA.0000000000003683. Epub 2022 May 12. PMID: 35546420.

Freeman JJ, Asfaw SH, Vatsaas CJ, Yorkgitis BK, Haines KL, Burns JB, Kim D, Loomis EA, Kerwin AJ, McDonald A, Agarwal S Jr, Fox N, Haut ER, Crandall ML, **Como JJ**, Kasotakis G. Antibiotic prophylaxis for tube thoracostomy placement in trauma: a practice management guideline from the Eastern Association for the Surgery of Trauma. *Trauma Surg Acute Care Open.* 2022 Oct 25;7(1):e000886. doi: 10.1136/tsaco-2022-000886. PMID: 36312819; PMCID: PMC9608538.

Sato R, Hasegawa D, Prasitlunkum N, Ueoka M, Nishida K, Takahashi K, Nasu M, **Dugar S**. Effect of IV High-Dose Vitamin C on Mortality in Patients With Sepsis: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. *Crit Care Med.* 2021 Dec 1;49(12):2121-2130. doi: 10.1097/CCM.0000000000005263. PMID: 34495877.

Dugar S, Khanna AK, **Duggal A**. Is Early Vasopressor Safe in Septic Shock? *Crit Care Med.* 2022 Jun 1;50(6):e599-e600. doi: 10.1097/CCM.0000000000005505. Epub 2022 May 19. PMID: 35612451.

Dugar S, Sato R, Zochios V, **Duggal A**, Vallabhajosyula S; Protecting the Right Ventricle Network (PRORVnet). Defining Right Ventricular Dysfunction in Acute Respiratory Distress Syndrome. *J Cardiothorac Vasc Anesth.* 2022 Feb;36(2):632-634. doi: 10.1053/j.jvca.2021.09.001. Epub 2021 Sep 16. PMID: 34583852.

Lanspa MJ, Fox SW, Sohn J, **Dugar S**, Klick JC, Diaz-Gomez J, Liu R, Panebianco N. Definitive Advantages of Point-of-Care Ultrasound: A Case Series. *CASE (Phila).* 2022 Aug 15;6(6):293-298. doi: 10.1016/j.case.2022.05.008. PMID: 36036052; PMCID: PMC9399626.

Dugar S, Fox S, Koratala A, Moghekar A, Mehta AC. Lung Ultrasonographic Signs in Pulmonary Disease - A Video Review. *J Intensive Care Med.* 2023 Feb;38(2):220-231. doi: 10.1177/08850666221120221. Epub 2022 Aug 11. PMID: 35950723.

Sato R, Hasegawa D, **Dugar S**. Do we have sufficient evidence to support the use of inotropes in patients with sepsis? *Intensive Care Med.* 2022 Feb;48(2):253-254. doi: 10.1007/s00134-021-06564-2. Epub 2021 Oct 26. PMID: 34704133.

Dugar S, Mehkri O, Li M, Hastings A, **Siuba MT**, Vashisht R, Thiruchelvam N, Wong J, Vorona S, **Duggal A**, Goligher EC. Validation of a Web-based Platform for Online Training in Point-of-Care Diaphragm Ultrasound. *ATS Sch.* 2022 Jan 4;3(1):13-19. doi: 10.34197/ats-scholar.2021-0057BR. PMID: 35633997; PMCID: PMC9131881.

Thind GS, Hussein A, Mishra V, Ramachandran V, Lohia M, Ennala S, Guduguntla N, **Dugar S**, Martin C 3rd, Moghekar A, Sadana DS, **Krishnan S**. Characteristics of Cumulative Annual Radiation Exposure in Young Intensive Care Unit Survivors. *J Patient Saf.* 2022 Sep 1;18(6):e985-e991. doi: 10.1097/PTS.0000000000001041. Epub 2022 May 28. PMID: 35617610.

Sato R, **Dugar S**, Han X, **Siuba MT**, **Mucha S**, Dettmer M, Wang X, Yataco AC, Choudhary C, Khanna AK, **Duggal A**. TIME FROM HOSPITAL ADMISSION TO ONSET OF SEPTIC SHOCK IS ASSOCIATED WITH HIGHER IN-HOSPITAL MORTALITY. *Shock.* 2022 Sep 1;58(3):211-216. doi: 10.1097/SHK.0000000000001973. Epub 2022 Aug 8. PMID: 35959788.

Sato R, **Duggal A**, **Sacha GL**, **Rudoni MA**, Yataco AC, Khanna AK, **Dugar S**. The Relationship Between Norepinephrine Equivalent Dose of Vasopressors Within 24 Hours From the Onset of Septic Shock and In-Hospital Mortality Rate. *Chest.* 2023 Jan;163(1):148-151. doi: 10.1016/j.chest.2022.07.018. Epub 2022 Jul 31. PMID: 35921884.

Attaway A, Welch N, Dasarathy D, Amaya-Hughley J, Bellar A, **Biehl M**, **Dugar S**, Engelen MPKJ, Zein J, Dasarathy S. Acute skeletal muscle loss in SARS-CoV-2 infection contributes to poor clinical outcomes in COVID-19 patients. *J Cachexia Sarcopenia Muscle.* 2022 Oct;13(5):2436-2446. doi: 10.1002/jcsm.13052. Epub 2022 Jul 19. PMID: 35851995; PMCID: PMC9350025.



Laudanski K, Scruth E, Winterbottom F, Rastrepo M, **Dugar S**, Herasevich V, Villanueva I, Armaignac DL, Scott BK. A Survey of Tele-Critical Care State and Needs in 2019 and 2020 Conducted among the Members of the Society of Critical Care Medicine. *Healthcare (Basel)*. 2022 Aug 1;10(8):1445. doi: 10.3390/healthcare10081445. PMID: 36011102; PMCID: PMC9408319.

Anand CL, **Dweik RA**. Physician Interactions With Industry: Striking the Right Balance. *J Natl Compr Canc Netw*. 2021 Dec 29;1-3. doi: 10.6004/jnccn.2021.7100. Epub ahead of print. PMID: 34965509.

Aggarwal M, Li M, Bhardwaj A, Wallace WD, Wang X, Carey WD, **Dweik RA**, Heresi GA, Tonelli AR. Predictors of survival in portopulmonary hypertension: a 20-year experience. *Eur J Gastroenterol Hepatol*. 2022 Apr 1;34(4):449-456. doi: 10.1097/MEG.0000000000002322. PMID: 34907982; PMCID: PMC8891035.

Montané BE, Fiore AM, Reznicek EC, Jain V, Jellis C, Rokadia H, Li M, Wang X, **Dweik R**, Loh E, Watkins AC, Haddad F, Amsallem M, Zamanian RT, Perez VJ, Heresi GA. Optimal Tricuspid Regurgitation Velocity to Screen for Pulmonary Hypertension in Tertiary Referral Centers. *Chest*. 2021 Dec;160(6):2209-2219. doi: 10.1016/j.chest.2021.06.046. Epub 2021 Jul 2. PMID: 34217680.

Khirfan G, Melillo CA, Al Abdi S, Lane JE, **Dweik RA**, Chatburn RL, Hatipoğlu U, Tonelli AR. Impact of Esophageal Pressure Measurement on Pulmonary Hypertension Diagnosis in Patients With Obesity. *Chest*. 2022 Sep;162(3):684-692. doi: 10.1016/j.chest.2022.04.002. Epub 2022 Apr 9. PMID: 35405108; PMCID: PMC9808718.

Goff DA, Alverdy J, **Gerlach AT**, Mayol J, Nwomeh B. Surgeons, Infectious Diseases, and Twitter Hit a Home Run for Antibiotic Stewardship. *Clin Infect Dis*. 2022 May 15;74(Suppl_3):S251-S256. doi: 10.1093/cid/ciac049. PMID: 35568474.

Atyia SA, **Gerlach AT**, **Smetana KS**, **Thompson MJ**, **May CC**. Evaluation of Dexmedetomidine's Effect on Temperature in Obese Critically Ill Patients. *J Pharm Pract*. 2022 Sep 2:8971900221125015. doi: 10.1177/08971900221125015. Epub ahead of print. PMID: 36056532.

Cucci MD, **Gerlach AT**, Mangira C, **Murphy CV**, Roberts JA, Udy AA, Dowling TC, Mullen CL. Performance of different body weights in the Cockcroft-Gault equation in critically ill patients with and without augmented renal clearance: A multicenter cohort. *Pharmacotherapy*. 2022 Nov 13. doi: 10.1002/phar.2743. Epub ahead of print. PMID: 36373197.

Hassett CE, Uysal SP, Butler R, Moore NZ, Cardim D, **Gomes JA**. Assessment of Cerebral Autoregulation Using Invasive and Noninvasive Methods of Intracranial Pressure Monitoring. *Neurocrit Care*. 2022 Sep 1. doi: 10.1007/s12028-022-01585-1. Epub ahead of print. PMID: 36050535.

Farag E, Liang C, Mascha EJ, Toth G, Argalious M, Manlapaz M, **Gomes J**, Ebrahim Z, Hussain MS. Oxygen Saturation and Postoperative Mortality in Patients With Acute Ischemic Stroke Treated by Endovascular Thrombectomy. *Anesth Analg*. 2022 Feb 1;134(2):369-379. doi: 10.1213/ANE.0000000000005763. PMID: 34609988.

Gomes JA, Milne G, Kallianpur A, Shriver L. Isofurans and Isoprostanes as Potential Markers of Delayed Cerebral Ischemia Following Aneurysmal Subarachnoid Hemorrhage: A Prospective Observational Study. *Neurocrit Care*. 2022 Feb;36(1):202-207. doi: 10.1007/s12028-021-01285-2. Epub 2021 Jul 20. PMID: 34286463.

Algora M, Mehmood T, Madison DL, AlAmeri J, Abuzakouk M, Tagamtam M, Acena L, Totaan G, Grabski G, Oumeziane N, Rajani P, Taylor L, **Guzman J**, AbdelWareth LO. Challenges in Establishing a Coronavirus Disease 2019 (COVID-19) Convalescent Plasma Donation Program in a Multicultural Environment. *Arch Pathol Lab Med*. 2021 Dec 1;145(12):1479-1484. doi: 10.5858/arpa.2021-0198-SA. PMID: 34407176.

Hobbs CV, Woodworth K, Young CC, Jackson AM, Newhams MM, Dapul H, Maamari M, **Hall MW**, Maddux AB, Singh AR, Schuster JE, Rowan CM, Fitzgerald JC, Irby K, Kong M, Mack EH, Staat MA, Cvijanovich NZ, Bembea MM, Coates BM, Halasa NB, Walker TC, McLaughlin GE, Babbitt CJ, Nofziger RA, Loftis LL, Bradford TT, Campbell AP, Patel MM, Randolph AG; Overcoming COVID-19 Investigators. Frequency, Characteristics and Complications of COVID-19 in Hospitalized Infants. *Pediatr Infect Dis J*. 2022 Mar 1;41(3):e81-e86. doi: 10.1097/INF.0000000000003435. PMID: 34955519; PMCID: PMC8828316.

Sribnick EA, Popovich PG, **Hall MW**. Central nervous system injury-induced immune suppression. *Neurosurg Focus*. 2022 Feb;52(2):E10. doi: 10.3171/2021.11.FOCUS21586. PMID: 35104790; PMCID: PMC8931741.

Mukherjee R, Tompkins CA, Ostberg NP, Joshi AU, Massis LM, Vijayan V, Gera K, Monack D, Cornell TT, **Hall MW**, Mochly-Rosen D, Haileselassie B. Drp1/Fis1-Dependent Pathologic Fission and Associated Damaged Extracellular



- Mitochondria Contribute to Macrophage Dysfunction in Endotoxin Tolerance. *Crit Care Med.* 2022 Jun 1;50(6):e504-e515. doi: 10.1097/CCM.0000000000005437. Epub 2022 Jan 24. PMID: 35067534; PMCID: PMC9133053.
- Olson SM, Newhams MM, Halasa NB, Feldstein LR, Novak T, Weiss SL, Coates BM, Schuster JE, Schwarz AJ, Maddux AB, **Hall MW**, Nofziger RA, Flori HR, Gertz SJ, Kong M, Sanders RC, Irby K, Hume JR, Cullimore ML, **Shein SL**, Thomas NJ, Stewart LS, Barnes JR, Patel MM, Randolph AG; Pediatric Intensive Care Influenza Investigators. Vaccine Effectiveness Against Life-Threatening Influenza Illness in US Children. *Clin Infect Dis.* 2022 Aug 25;75(2):230-238. doi: 10.1093/cid/ciab931. PMID: 35024795.
- Hobbs CV, Woodworth K, Young CC, Jackson AM, Newhams MM, Dapul H, Maamari M, **Hall MW**, Maddux AB, Singh AR, Schuster JE, Rowan CM, Fitzgerald JC, Irby K, Kong M, Mack EH, Staat MA, Cvijanovich NZ, Bembea MM, Coates BM, Halasa NB, Walker TC, McLaughlin GE, Babbitt CJ, Nofziger RA, Loftis LL, Bradford TT, Campbell AP, Patel MM, Randolph AG; Overcoming COVID-19 Investigators. Frequency, Characteristics and Complications of COVID-19 in Hospitalized Infants. *Pediatr Infect Dis J.* 2022 Mar 1;41(3):e81-e86. doi: 10.1097/INF.0000000000003435. PMID: 34955519; PMCID: PMC8828316.
- Sribnick EA, Popovich PG, **Hall MW**. Central nervous system injury-induced immune suppression. *Neurosurg Focus.* 2022 Feb;52(2):E10. doi: 10.3171/2021.11.FOCUS21586. PMID: 35104790; PMCID: PMC8931741.
- Mukherjee R, Tompkins CA, Ostberg NP, Joshi AU, Massis LM, Vijayan V, Gera K, Monack D, Cornell TT, **Hall MW**, Mochly-Rosen D, Haileselassie B. Drp1/Fis1-Dependent Pathologic Fission and Associated Damaged Extracellular Mitochondria Contribute to Macrophage Dysfunction in Endotoxin Tolerance. *Crit Care Med.* 2022 Jun 1;50(6):e504-e515. doi: 10.1097/CCM.0000000000005437. Epub 2022 Jan 24. PMID: 35067534; PMCID: PMC9133053.
- Olson SM, Newhams MM, Halasa NB, Feldstein LR, Novak T, Weiss SL, Coates BM, Schuster JE, Schwarz AJ, Maddux AB, **Hall MW**, Nofziger RA, Flori HR, Gertz SJ, Kong M, Sanders RC, Irby K, Hume JR, Cullimore ML, **Shein SL**, Thomas NJ, Stewart LS, Barnes JR, Patel MM, Randolph AG; Pediatric Intensive Care Influenza Investigators. Vaccine Effectiveness Against Life-Threatening Influenza Illness in US Children. *Clin Infect Dis.* 2022 Aug 25;75(2):230-238. doi: 10.1093/cid/ciab931. PMID: 35024795.
- Halasa NB, Spieker AJ, Young CC, Olson SM, Newhams MM, Amarin JZ, Moffitt KL, Nakamura MM, Levy ER, Soma VL, Talj R, Weiss SL, Fitzgerald JC, Mack EH, Maddux AB, Schuster JE, Coates BM, **Hall MW**, Schwartz SP, Schwarz AJ, Kong M, Spinella PC, Loftis LL, McLaughlin GE, Hobbs CV, Rowan CM, Bembea MM, Nofziger RA, Babbitt CJ, Bowens C, Flori HR, Gertz SJ, Zinter MS, Giuliano JS, Hume JR, Cvijanovich NZ, Singh AR, Crandall HA, Thomas NJ, Cullimore ML, Patel MM, Randolph AG; Pediatric Intensive Care Influenza; Overcoming COVID-19 Investigators. Life-Threatening Complications of Influenza versus COVID-19 in U.S. Children. *Clin Infect Dis.* 2022 Jun 19:ciac477. doi: 10.1093/cid/ciac477. Epub ahead of print. PMID: 35717646; PMCID: PMC9384330.
- Sribnick EA, Warner T, **Hall MW**. Traumatic brain injury and hemorrhage in a juvenile rat model of polytrauma leads to immunosuppression and splenic alterations. *J Neuroimmunol.* 2021 Dec 15;361:577723. doi: 10.1016/j.jneuroim.2021.577723. Epub 2021 Sep 23. PMID: 34619426.
- Hall MW**, Joshi I, Leal L, Ooi EE. Immune Immunomodulation in Coronavirus Disease 2019 (COVID-19): Strategic Considerations for Personalized Therapeutic Intervention. *Clin Infect Dis.* 2022 Jan 7;74(1):144-148. doi: 10.1093/cid/ciaa904. PMID: 32604407; PMCID: PMC7337699.
- Mertz C, Glowinski R, Cohen SH, Mertz S, Ye F, **Hall MW**, Peeples ME, King T, Wang H, Leber AL, Sanchez PJ, Ramilo O, Mejias A. Severe Acute Respiratory Syndrome Coronavirus 2 RNAemia and Clinical Outcomes in Children With Coronavirus Disease 2019. *J Infect Dis.* 2022 Jan 18;225(2):208-213. doi: 10.1093/infdis/jiab491. PMID: 34618885; PMCID: PMC8763956.
- Britto C, Mohorianu I, Yeung T, Cheung E, Novak T, **Hall MW**, Mourani PM, Weiss SL, Thomas NJ, Markovitz B, Randolph AG, Moffitt KL. Host Respiratory Transcriptome Signature Associated with Poor Outcome in Children with Influenza-Staphylococcus aureus Pneumonia. *J Infect Dis.* 2022 Sep 28;226(7):1286-1294. doi: 10.1093/infdis/jiac325. PMID: 35899844.
- Bline KE, Muszynski JA, Guess AJ, Menocha S, Moore-Clingenpeel MD, Popelka JK, Hensley JM, Steele LM, Goldthwaite IC, Jedreski KJ, **Hall MW**. Novel Identification of Myeloid-Derived Suppressor Cells in Children With Septic Shock. *Pediatr Crit Care Med.* 2022 Dec 1;23(12):e555-e563. doi: 10.1097/PCC.0000000000003071. Epub 2022 Sep 8. PMID: 36094492.



Udeh C, Perez-Protto S, Canfield CM, Sreedharan R, Factora F, Hata JS. Outcomes Associated with ICU Telemedicine and Other Risk Factors in a Multi-Hospital Critical Care System: A Retrospective, Cohort Study for 30-Day In-Hospital Mortality. *Telemed J E Health.* 2022 Oct;28(10):1395-1403. doi: 10.1089/tmj.2021.0465. Epub 2022 Mar 16. PMID: 35294855.

Milioglou L, Liao K, **Traeger J**, McKenzie C, Burrelli C, Khunayfir AKB, **Makii J**, Hoffer A. Reversal of factor Xa inhibitors associated intracranial haemorrhage at a tertiary medical centre. *Blood Coagul Fibrinolysis.* 2022 Jul 1;33(5):261-265. doi: 10.1097/MBC.0000000000001128. Epub 2022 Mar 7. PMID: 35153278.

Vasey B, Nagendran M, Campbell B, Clifton DA, Collins GS, Denaxas S, Denniston AK, Faes L, Geerts B, Ibrahim M, Liu X, Mateen BA, **Mathur P**, McCradden MD, Morgan L, Ordish J, Rogers C, Saria S, Ting DSW, Watkinson P, Weber W, Wheatstone P, McCulloch P; DECIDE-AI expert group. Reporting guideline for the early-stage clinical evaluation of decision support systems driven by artificial intelligence: DECIDE-AI. *Nat Med.* 2022 May;28(5):924-933. doi: 10.1038/s41591-022-01772-9. Epub 2022 May 18. Erratum in: *Nat Med.* 2022 Oct;28(10):2218. PMID: 35585198.

Maheshwari K, Cywinski JB, Papay F, Khanna AK, **Mathur P.** Artificial Intelligence for Perioperative Medicine: Perioperative Intelligence. *Anesth Analg.* 2022 Feb 24. doi: 10.1213/ANE.0000000000005952. Epub ahead of print. PMID: 35203086.

Orabi D, Naples R, Brundidge D, Snyder K, Gohar M, Agarwal D, Govindarajan S, Tu C, Fung K, Argaliou M, **Mathur P**, Asfaw SH. Postoperative Respiratory Failure After Elective Abdominal Surgery: A Case-Control Study. *J Surg Res.* 2022 Jun;274:160-168. doi: 10.1016/j.jss.2021.12.041. Epub 2022 Feb 15. PMID: 35180492.

Coffey MR, Bachman KC, Ho VP, Worrell SG, **Moorman ML**, Linden PA, Towe CW. Iatrogenic rib fractures and the associated risks of mortality. *Eur J Trauma Emerg Surg.* 2022 Feb;48(1):231-241. doi: 10.1007/s00068-020-01598-5. Epub 2021 Jan 26. PMID: 33496799; PMCID: PMC8310895.

Droegge CA, Ernst NE, Foertsch MJ, Bradshaw PG, Globke AE, **Gomaa D**, **Tsuei BJ**, **Mueller EW.** Assessment of Detectable Serum Tobramycin Concentrations in Patients Receiving Inhaled Tobramycin for Ventilator-Associated Pneumonia. *Respir Care.* 2021 Nov 23;resp.09412. doi: 10.4187/respcare.09412. Epub ahead of print. PMID: 34815325.

Philpott CD, Ernst NE, Makley AT, Wasky PR, **Mueller EW.** Case Report: Extended Duration Andexanet Alfa Infusion in a Surgical Trauma Patient. *J Pharm Pract.* 2022 Feb 28;8971900221078779. doi: 10.1177/08971900221078779. Epub ahead of print. PMID: 35227117.

Al-Shaer MH, Maguigan K, Ashton J, Venugopalan V, **Droegge ME**, Philpott CD, **Droegge CA**, Healy DP, **Mueller EW**, Peloquin CA. Applying Cefepime Population Pharmacokinetics to Critically Ill Patients Receiving Continuous Renal Replacement Therapy. *Antimicrob Agents Chemother.* 2022 Jan 18;66(1):e0161121. doi: 10.1128/AAC.01611-21. Epub 2021 Oct 18. PMID: 34662194; PMCID: PMC8765233.

Bradshaw PG, Keegan SP, **Droegge ME**, Dykes NJH, Ernst NE, Foertsch MJ, Makley AT, **Mueller EW**, Philpott CD, Srinivasan V, Winter JB, Goodman MD, **Droegge CA.** Reversal of apixaban and rivaroxaban with andexanet alfa prior to invasive or surgical procedures. *Pharmacotherapy.* 2022 Oct;42(10):780-791. doi: 10.1002/phar.2727. Epub 2022 Sep 23. PMID: 36073083; PMCID: PMC9826450.

Janowak CF, Becker BR, Philpott CD, Makley AT, **Mueller EW**, **Droegge CA**, **Droegge ME.** Retrospective Evaluation of Intrapleural Tissue Plasminogen Activator With or Without Dornase Alfa for the Treatment of Traumatic Retained Hemothorax: A 6-Year Experience. *Ann Pharmacother.* 2022 Feb 20;10600280221077383. doi: 10.1177/10600280221077383. Epub ahead of print. PMID: 35184602.

Murphy CV, Reed EE, Herman DD, **Magrum B**, Beatty JJ, Stevenson KB. Antimicrobial Stewardship in the ICU. *Semin Respir Crit Care Med.* 2022 Feb;43(1):131-140. doi: 10.1055/s-0041-1740977. Epub 2022 Feb 16. PMID: 35172363.

Gifford CS, McGahan BG, Miracle SD, Minnema AJ, **Murphy CV**, Vazquez DE, Weaver TE, Farhadi HF. Design and feasibility of a double-blind, randomized trial of peri-operative methylnaltrexone for postoperative ileus prevention after adult spinal arthrodesis. *Contemp Clin Trials.* 2022 Jan;112:106623. doi: 10.1016/j.cct.2021.106623. Epub 2021 Nov 17. PMID: 34798295.

Gifford CS, McGahan BG, Miracle SD, Minnema AJ, **Murphy CV**, Vazquez DE, Weaver TE, Farhadi HF. Perioperative subcutaneous methylnaltrexone does not enhance gastrointestinal recovery after posterior short-segment spinal



arthrodesis surgery: a randomized controlled trial. *Spine J.* 2022 Mar;22(3):444-453. doi: 10.1016/j.spinee.2021.08.004. Epub 2021 Aug 19. PMID: 34419626.

Kopanczyk R, Kumar N, **Papadimos T**. Post-Acute COVID-19 Syndrome for Anesthesiologists: A Narrative Review and a Pragmatic Approach to Clinical Care. *J Cardiothorac Vasc Anesth.* 2022 Aug;36(8 Pt A):2727-2737. doi: 10.1053/j.jvca.2021.09.051. Epub 2021 Oct 3. PMID: 34688543; PMCID: PMC8487462.

Spiliotaki E, Saranteas T, Moschovaki N, Panagouli K, Pistioli E, Kitsinelis V, Briasoulis P, **Papadimos T**. Inferior vena cava ultrasonography in the assessment of intravascular volume status and fluid responsiveness in the emergency department and intensive care unit: A critical analysis review. *J Clin Ultrasound.* 2022 Jun;50(5):733-744. doi: 10.1002/jcu.23194. Epub 2022 Mar 18. PMID: 35302241.

Saranteas T, Souvatzoglou R, Kostroglou A, Sioutis S, Christodoulaki K, Koulalis D, Soulioti E, **Papadimos T**, Mavrogenis AF. A Lumbar Paravertebral Space Ultrasound Lumbar Plexus Block Technique for Hip Fracture Surgery in the Elderly. *J Long Term Eff Med Implants.* 2022;32(3):65-71. doi: 10.1615/JLongTermEffMedImplants.2022042501. PMID: 35993990.

Pappada SM, **Papadimos TJ**, Khuder S, Mack ST, Beachy PZ, Casabianca AB. Contributing Factors to Operating Room Delays Identified from an Electronic Health Record: A Retrospective Study. *Anesthesiol Res Pract.* 2022 Sep 13;2022:8635454. doi: 10.1155/2022/8635454. PMID: 36147900; PMCID: PMC9489409.

Bao N, Shi K, Wu Y, He Y, Chen Z, Gao Y, Xia Y, **Papadimos TJ**, Wang Q, Zhou R. Dexmedetomidine prolongs the duration of local anesthetics when used as an adjuvant through both perineural and systemic mechanisms: a prospective randomized double-blinded trial. *BMC Anesthesiol.* 2022 Jun 7;22(1):176. doi: 10.1186/s12871-022-01716-3. PMID: 35672660; PMCID: PMC9172023.

Zhu L, Qureshi A, Awad M, Hausladen A, **Perez-Protto S**, **Latifi SQ**, **Lebovitz DJ**, Chavin K, Stamler JS, Reynolds JD. A Novel Method to Improve Perfusion of Ex Vivo Pumped Human Kidneys. *Ann Surg.* 2021 Dec 1;274(6):e610-e615. doi: 10.1097/SLA.0000000000003702. PMID: 31804390.

Feldman C, Sprung CL, Mentzelopoulos SD, Pohrt A, Hartog CS, Danbury C, Weiss M, Avidan A, Estella A, Joynt GM, Lautrette A, Geat E, Éló G, Søreide E, Lesieur O, Bocci MG, Mullick S, Robertsen A, Sreedharan R, Bülow HH, Maia PA, Martin-Delgado MC, Cosgrove JF, Blackwell N, **Perez-Protto S**, Richards GA; Ethicus-2 Study Group. Global Comparison of Communication of End-of-Life Decisions in the ICU. *Chest.* 2022 Nov;162(5):1074-1085. doi: 10.1016/j.chest.2022.05.007. Epub 2022 May 18. PMID: 35597285.

Canfield C, **Perez-Protto S**, **Siuba M**, **Hata S**, **Udeh C**. Beyond the Nuts and Bolts: Tele-Critical Care Patients, Workflows, and Activity Patterns. *Telemed J E Health.* 2022 Jan;28(1):73-83. doi: 10.1089/tmj.2020.0452. Epub 2021 Apr 5. PMID: 33819430.

Sacha GL, Lam SW, Wang L, **Duggal A**, **Reddy AJ**, Bauer SR. Association of Catecholamine Dose, Lactate, and Shock Duration at Vasopressin Initiation With Mortality in Patients With Septic Shock. *Crit Care Med.* 2022 Apr 1;50(4):614-623. doi: 10.1097/CCM.0000000000005317. PMID: 34582425.

Hanane T, Lane J, **Mireles-Cabodevila E**, **Reddy AJ**, Taliercio JJ, Vachharajani TJ. Safety of bedside placement of tunneled dialysis catheter in COVID-19 patients. *J Vasc Access.* 2022 Jan;23(1):145-148. doi: 10.1177/1129729820976269. Epub 2020 Dec 3. PMID: 33267654.

Bauer SR, **Sacha GL**, Lam SW, Wang L, **Reddy AJ**, **Duggal A**, **Vachharajani V**. Hemodynamic Response to Vasopressin Dosage of 0.03 Units/Min vs. 0.04 Units/Min in Patients With Septic Shock. *J Intensive Care Med.* 2022 Jan;37(1):92-99. doi: 10.1177/0885066620977181. Epub 2020 Nov 28. PMID: 33251906.

Bauer SR, **Sacha GL**, **Siuba MT**, Lam SW, **Reddy AJ**, **Duggal A**, **Vachharajani V**. Association of Arterial pH With Hemodynamic Response to Vasopressin in Patients With Septic Shock: An Observational Cohort Study. *Crit Care Explor.* 2022 Feb 8;4(2):e0634. doi: 10.1097/CCE.0000000000000634. PMID: 35156051; PMCID: PMC8826954.

Sorgi MW, Roach E, Bauer SR, **Bass S**, Militello M, Welch S, Lam S, **Reddy AJ**, **Torbic H**. Effectiveness and Safety of Twice Daily Versus Thrice Daily Subcutaneous Unfractionated Heparin for Venous Thromboembolism Prophylaxis at a Tertiary Medical Center. *J Pharm Pract.* 2022 Apr;35(2):190-196. doi: 10.1177/0897190020961210. Epub 2020 Oct 5. PMID: 33016183.



Taylor AD, **Chen A**, **Reddy AJ**, Lewandowski A, **Torbic H**. Retrospective evaluation of a delirium order set utilizing nonpharmacologic and pharmacologic interventions for the treatment of delirium in medical intensive care unit patients. *Am J Health Syst Pharm*. 2022 May 24;79(Suppl 2):S33-S42. doi: 10.1093/ajhp/zxac042. PMID: 35136926.

Nellis ME, Karam O, Valentine SL, Bateman ST, **Remy KE**, Lacroix J, Cholette JM, Bembea MM, Russell RT, Steiner ME, Goobie SM, Tucci M, Stricker PA, Stanworth SJ, Delaney M, Lieberman L, Muszynski JA, Bauer DF, Steffen K, Nishijima D, Ibla J, Emani S, Vogel AM, Haas T, Goel R, Crighton G, Delgado D, Demetres M, Parker RI; Pediatric Critical Care Transfusion and Anemia EXPertise Initiative—Control/Avoidance of Bleeding (TAXI-CAB), in collaboration with the Pediatric Critical Care Blood Research Network (BloodNet), and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. Executive Summary of Recommendations and Expert Consensus for Plasma and Platelet Transfusion Practice in Critically Ill Children: From the Transfusion and Anemia EXPertise Initiative—Control/Avoidance of Bleeding (TAXI-CAB). *Pediatr Crit Care Med*. 2022 Jan 1;23(1):34-51. doi: 10.1097/PCC.0000000000002851. PMID: 34989711; PMCID: PMC8820267.

Mazer MB, Bulut Y, Brodsky NN, Lam FW, Sturgill JL, Miles SM, **Shein SL**, Carroll CL, **Remy KE**; Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network and BLOODNET Immunology Section. Multisystem Inflammatory Syndrome in Children: Host Immunologic Responses. *Pediatr Crit Care Med*. 2022 Apr 1;23(4):315-320. doi: 10.1097/PCC.0000000000002897. Epub 2022 Jan 20. PMID: 35050932; PMCID: PMC9058188.

Turnbull IR, Fuchs A, **Remy KE**, Kelly MP, Frazier EP, Ghosh S, Chang SW, **Mazer MB**, Hess A, Leonard JM, Hoofnagle MH, Colonna M, Hotchkiss RS. Dysregulation of the leukocyte signaling landscape during acute COVID-19. *PLoS One*. 2022 Apr 14;17(4):e0264979. doi: 10.1371/journal.pone.0264979. PMID: 35421120; PMCID: PMC9009616.

Loftus TJ, Ungaro R, Dirain M, Efron PA, **Mazer MB**, **Remy KE**, Hotchkiss RS, Zhong L, Bacher R, Starostik P, Moldawer LL, Brakenridge SC. Overlapping but Disparate Inflammatory and Immunosuppressive Responses to SARS-CoV-2 and Bacterial Sepsis: An Immunological Time Course Analysis. *Front Immunol*. 2021 Dec 9;12:792448. doi: 10.3389/fimmu.2021.792448. PMID: 34956225; PMCID: PMC8696010.

Shah N, Arshad A, **Mazer MB**, Carroll CL, **Shein SL**, **Remy KE**. The use of machine learning and artificial intelligence within pediatric critical care. *Pediatr Res*. 2022 Nov 14;1–8. doi: 10.1038/s41390-022-02380-6. Epub ahead of print. PMID: 36376506; PMCID: PMC9660024.

Snooks K, Scanlon MC, **Remy KE**, **Shein SL**, Klein MJ, Zee-Cheng J, Rogerson CM, Rotta AT, Lin A, McCluskey CK, Carroll CL. Characteristics and Outcomes of Critically Ill Children With Multisystem Inflammatory Syndrome. *Pediatr Crit Care Med*. 2022 Nov 1;23(11):e530-e535. doi: 10.1097/PCC.0000000000003054. Epub 2022 Aug 22. PMID: 35994614; PMCID: PMC9624236.

Shein SL, Carroll CL, **Remy KE**, Rogerson CM, McCluskey CK, Lin A, Rotta AT. Epidemiology and Outcomes of SARS-CoV-2 Infection or Multisystem Inflammatory Syndrome in Children vs Influenza Among Critically Ill Children. *JAMA Netw Open*. 2022 Jun 1;5(6):e2217217. doi: 10.1001/jamanetworkopen.2022.17217. PMID: 35704321; PMCID: PMC9201678.

McCluskey CK, Zee-Cheng JE, Klein MJ, Scanlon MC, Rotta AT, **Remy KE**, Carroll CL, **Shein SL**. The Temporal Relationship Between Local School Closure and Increased Incidence of Pediatric Diabetic Ketoacidosis. *Front Pediatr*. 2022 Mar 11;10:812265. doi: 10.3389/fped.2022.812265. PMID: 35359897; PMCID: PMC8963207.

Rogerson CM, Lin A, Klein MJ, Zee-Cheng J, McCluskey CK, Scanlon MC, Rotta AT, **Remy KE**, **Shein SL**, Carroll CL. School Closures in the United States and Severe Respiratory Illnesses in Children: A Normalized Nationwide Sample. *Pediatr Crit Care Med*. 2022 Jul 1;23(7):535-543. doi: 10.1097/PCC.0000000000002967. Epub 2022 Apr 21. PMID: 35447632.

Dousa KM, Nguyen DC, Kurz SG, Taracila MA, Bethel CR, Schinabeck W, Kreiswirth BN, Brown ST, Boom WH, Hotchkiss RS, **Remy KE**, Jacono FJ, Daley CL, Holland SM, Miller AA, Bonomo RA. Inhibiting Mycobacterium abscessus Cell Wall Synthesis: Using a Novel Diazabicyclooctane β -Lactamase Inhibitor To Augment β -Lactam Action. *mBio*. 2022 Jan 25;13(1):e0352921. doi: 10.1128/mbio.03529-21. Epub ahead of print. PMID: 35073757; PMCID: PMC8787486.

Nellis ME, **Remy KE**, Lacroix J, Cholette JM, Bembea MM, Russell RT, Steiner ME, Goobie SM, Vogel AM, Crighton G, Valentine SL, Delaney M, Parker RI; Pediatric Critical Care Transfusion and Anemia EXPertise Initiative—Control/Avoidance of Bleeding (TAXI-CAB), in collaboration with the Pediatric Critical Care Blood Research Network (BloodNet), and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. Research Priorities for Plasma and Platelet Transfusion Strategies in Critically Ill Children: From the Transfusion and Anemia EXPertise



Initiative-Control/Avoidance of Bleeding. *Pediatr Crit Care Med*. 2022 Jan 1;23(13 Suppl 1 1S):e63-e73. doi: 10.1097/PCC.0000000000002859. PMID: 34989706; PMCID: PMC8769351.

Delaney M, Karam O, Lieberman L, Steffen K, Muszynski JA, Goel R, Bateman ST, Parker RI, Nellis ME, **Remy KE**; Pediatric Critical Care Transfusion and Anemia Expertise Initiative–Control/Avoidance of Bleeding (TAXI-CAB), in collaboration with the Pediatric Critical Care Blood Research Network (BloodNet), and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. What Laboratory Tests and Physiologic Triggers Should Guide the Decision to Administer a Platelet or Plasma Transfusion in Critically Ill Children and What Product Attributes Are Optimal to Guide Specific Product Selection? From the Transfusion and Anemia Expertise Initiative-Control/Avoidance of Bleeding. *Pediatr Crit Care Med*. 2022 Jan 1;23(13 Suppl 1 1S):e1-e13. doi: 10.1097/PCC.0000000000002854. PMID: 34989701; PMCID: PMC8769352.

Abbas Q, Holloway A, Caporal P, López-Barón E, Agulnik A, **Remy KE**, Appiah JA, Attebery J, Fink EL, Lee JH, Hooli S, Kisson N, Miller E, Murthy S, Muttalib F, Nielsen K, Puerto-Torres M, Rodrigues K, Sakaan F, Rodrigues AT, Tabor EA, von Saint Andre-von Arnim A, Wiens MO, Blackwelder W, He D, Kortz TB, Bhutta AT. Global PARITY: Study Design for a Multi-Centered, International Point Prevalence Study to Estimate the Burden of Pediatric Acute Critical Illness in Resource-Limited Settings. *Front Pediatr*. 2022 Jan 28;9:793326. doi: 10.3389/fped.2021.793326. PMID: 35155314; PMCID: PMC8835113.

Kortz TB, Nielsen KR, Mediratta RP, Reeves H, O'Brien NF, Lee JH, Attebery JE, Bhutta EG, Biewen C, Coronado Munoz A, deAlmeida ML, Fonseca Y, Hooli S, Johnson H, Kisson N, Leimanis-Laurens ML, McCarthy AM, Pineda C, **Remy KE**, Sanders SC, Takwoingi Y, Wiens MO, Bhutta AT. The Burden of Critical Illness in Hospitalized Children in Low- and Middle-Income Countries: Protocol for a Systematic Review and Meta-Analysis. *Front Pediatr*. 2022 Mar 16;10:756643. doi: 10.3389/fped.2022.756643. PMID: 35372149; PMCID: PMC8970052.

Jury D, **Shaw AD**. Utility of bedside ultrasound derived hepatic and renal parenchymal flow patterns to guide management of acute kidney injury. *Curr Opin Crit Care*. 2021 Dec 1;27(6):587-592. doi: 10.1097/MCC.0000000000000899. PMID: 34636777.

Ostermann M, **Shaw AD**, Joannidis M. Management of oliguria. *Intensive Care Med*. 2022 Oct 20. doi: 10.1007/s00134-022-06909-5. Epub ahead of print. PMID: 36266588.

Donaldson C, **Shaw AD**. Commentary: Venovenous extracorporeal membrane oxygenation: The surgeon's clew. *JTCVS Open*. 2021 Nov 1;8:104-105. doi: 10.1016/j.xjon.2021.10.053. PMID: 36004088; PMCID: PMC9390752.

Kashani K, Omer T, **Shaw AD**. The Intensivist's Perspective of Shock, Volume Management, and Hemodynamic Monitoring. *Clin J Am Soc Nephrol*. 2022 May;17(5):706-716. doi: 10.2215/CJN.14191021. Epub 2022 Apr 4. PMID: 35379765; PMCID: PMC9269574.

Shaw AD, Guinn NR, Brown JK, Arora RC, Lobdell KW, Grant MC, Gan TJ, Engelman DT; Perioperative Quality Initiative (POQI) and Enhanced Recovery after Surgery–Cardiac (ERAS→-Cardiac) investigators. Controversies in enhanced recovery after cardiac surgery. *Perioper Med (Lond)*. 2022 Apr 28;11(1):19. doi: 10.1186/s13741-022-00250-7. PMID: 35477446; PMCID: PMC9047268.

Shaw AD. Editorial: Introduction to Renal Section, Current Opinion in Critical Care, 2021. *Curr Opin Crit Care*. 2021 Dec 1;27(6):551-552. doi: 10.1097/MCC.0000000000000893. PMID: 34608878.

Mayerhöfer T, **Shaw AD**, Wiedermann CJ, Joannidis M. Fluids in the ICU: which is the right one? *Nephrol Dial Transplant*. 2022 Sep 28;gfac279. doi: 10.1093/ndt/gfac279. Epub ahead of print. PMID: 36170962.

Bain CR, Myles PS, Taylor R, Trahair H, Lee YP, Croft L, Peyton PJ, Painter T, Chan MTV, Wallace S, Corcoran T, **Shaw AD**, Paul E, Ziemann M, Bozaoglu K. Methylopic and transcriptomic characterization of postoperative systemic inflammatory dysregulation. *Transl Res*. 2022 Sep;247:79-98. doi: 10.1016/j.trsl.2022.04.004. Epub 2022 Apr 22. PMID: 35470009.

Raghunathan K, Kerr D, Xian Y, McCarthy G, Habib R, Nicoara A, Zhang S, Rankin JS, **Shaw AD**. Cerebral Oximetry During Adult Cardiac Surgery Is Associated With Improved Postoperative Outcomes. *J Cardiothorac Vasc Anesth*. 2022 Sep;36(9):3529-3542. doi: 10.1053/j.jvca.2022.04.022. Epub 2022 Apr 23. PMID: 35691854.

Peng K, McIlroy DR, Bollen BA, Billings FT 4th, Zarbock A, Popescu WM, Fox AA, Shore-Lesserson L, Zhou S, Geube MA, Ji F, Bhatia M, Schwann NM, **Shaw AD**, Liu H. Society of Cardiovascular Anesthesiologists Clinical Practice Update for Management of Acute Kidney Injury Associated With Cardiac Surgery. *Anesth Analg*. 2022 Oct 1;135(4):744-756. doi: 10.1213/ANE.0000000000006068. Epub 2022 May 12. PMID: 35544772.



- Chaudhry R, Wanderer JP, Mubashir T, Kork F, Morse J, Waseem R, Zaki JF, **Shaw AD**, Eltzschig HK, Liang Y. Incidence and Predictive Factors of Acute Kidney Injury After Off-pump Lung Transplantation. *J Cardiothorac Vasc Anesth.* 2022 Jan;36(1):93-99. doi: 10.1053/j.jvca.2021.09.021. Epub 2021 Sep 17. PMID: 34625351.
- Shaw AD**, Khanna AK, Smischney NJ, Shenoy AV, Boero IJ, Bershad M, Hwang S, Chen Q, Stapelfeldt WH. Intraoperative hypotension is associated with persistent acute kidney disease after noncardiac surgery: a multicentre cohort study. *Br J Anaesth.* 2022 Jul;129(1):13-21. doi: 10.1016/j.bja.2022.03.027. Epub 2022 May 18. PMID: 35595549.
- Roy S, Bruehl S, Feng X, Shotwell MS, Van De Ven T, **Shaw AD**, Kertai MD. Developing a risk stratification tool for predicting opioid-related respiratory depression after non-cardiac surgery: a retrospective study. *BMJ Open.* 2022 Sep 5;12(9):e064089. doi: 10.1136/bmjopen-2022-064089. PMID: 36219738; PMCID: PMC9445779.
- Shein SL**, Yehya N. Trials and Tribulations in Bronchiolitis. *J Pediatr.* 2022 May;244:8-10. doi: 10.1016/j.jpeds.2022.02.053. Epub 2022 Feb 28. PMID: 35240136.
- Shein SL**, Rotta AT. Long-term Neurocognitive Morbidity After a Single Episode of Respiratory Failure in Children. *JAMA.* 2022 Mar 1;327(9):823-825. doi: 10.1001/jama.2021.24279. PMID: 35230414.
- Mazer MB, Bulut Y, Brodsky NN, Lam FW, Sturgill JL, Miles SM, **Shein SL**, Carroll CL, Remy KE; Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network and BLOODNET Immunology Section. Multisystem Inflammatory Syndrome in Children: Host Immunologic Responses. *Pediatr Crit Care Med.* 2022 Apr 1;23(4):315-320. doi: 10.1097/PCC.0000000000002897. Epub 2022 Jan 20. PMID: 35050932; PMCID: PMC9058188.
- Clayton JA, Slain KN, **Shein SL**, Cheifetz IM. High flow nasal cannula in the pediatric intensive care unit. *Expert Rev Respir Med.* 2022 Apr;16(4):409-417. doi: 10.1080/17476348.2022.2049761. Epub 2022 Mar 7. PMID: 35240901.
- Olson SM, Newhams MM, Halasa NB, Feldstein LR, Novak T, Weiss SL, Coates BM, Schuster JE, Schwarz AJ, Maddux AB, Hall MW, Nofziger RA, Flori HR, Gertz SJ, Kong M, Sanders RC, Irby K, Hume JR, Cullimore ML, **Shein SL**, Thomas NJ, Stewart LS, Barnes JR, Patel MM, Randolph AG; Pediatric Intensive Care Influenza Investigators. Vaccine Effectiveness Against Life-Threatening Influenza Illness in US Children. *Clin Infect Dis.* 2022 Aug 25;75(2):230-238. doi: 10.1093/cid/ciab931. PMID: 35024795.
- Gonzalez-Dambruskas S, Vasquez-Hoyos P, Camporesi A, Cantillano EM, Dallefeld S, Dominguez-Rojas J, Francoeur C, Gurbanov A, Mazzillo-Vega L, **Shein SL**, Yock-Corrales A, Karsies T; Critical Coronavirus and Kids Epidemiological (CAKE) Study Investigators. Paediatric critical COVID-19 and mortality in a multinational prospective cohort. *Lancet Reg Health Am.* 2022 Aug;12:100272. doi: 10.1016/j.lana.2022.100272. Epub 2022 May 17. PMID: 35599855; PMCID: PMC9111167.
- Slain KN, Malay S, **Shein SL**. Hospital Charges Associated With Critical Bronchiolitis From 2009 to 2019. *Pediatr Crit Care Med.* 2022 Mar 1;23(3):171-180. doi: 10.1097/PCC.0000000000002878. Erratum in: *Pediatr Crit Care Med.* 2022 May 1;23(5):e267. PMID: 35020713.
- Biagas KV, Heneghan JA, Abu-Sultaneh S, Geneslaw AS, Maddux AB, Pinto NP, Murphy SA, **Shein SL**, Cronin MT. Scoping Review: Neurocognitive Outcome Assessments After Critical Illness in Children. *J Intensive Care Med.* 2022 Sep 7;8850666221121567. doi: 10.1177/08850666221121567. Epub ahead of print. PMID: 36069025.
- Mount MC, Ji X, Kattan MW, Slain KN, **Clayton JA**, Rotta AT, **Shein SL**. Derivation and Validation of the Critical Bronchiolitis Score for the PICU. *Pediatr Crit Care Med.* 2022 Jan 1;23(1):e45-e54. doi: 10.1097/PCC.0000000000002808. PMID: 34261942.
- Martinez Herrada AJ, Wien MA, **Shein SL**, Maher JK, Zee-Cheng JE, Rotta AT. A Novel Maneuver to Treat Refractory Atelectasis in Mechanically Ventilated Children. *J Pediatr Intensive Care.* 2020 Dec 18;11(2):159-167. doi: 10.1055/s-0040-1721508. PMID: 35734215; PMCID: PMC9208838.
- Maddux AB, Berbert L, Young CC, Feldstein LR, Zambrano LD, Kucukak S, Newhams MM, Miller K, FitzGerald MM, He J, Halasa NB, Cvijanovich NZ, Loftis LL, Walker TC, Schwartz SP, Gertz SJ, Tarquinio KM, Fitzgerald JC, Kong M, Schuster JE, Mack EH, Hobbs CV, Rowan CM, Staat MA, Zinter MS, Irby K, Crandall H, Flori H, Cullimore ML, Nofziger RA, **Shein SL**, Gaspers MG, Hume JR, Levy ER, Chen SR, Patel MM, Tenforde MW, Weller E, Campbell AP, Randolph AG; Overcoming COVID-19 Investigators. Health Impairments in Children and Adolescents After Hospitalization for Acute COVID-19 or MIS-C. *Pediatrics.* 2022 Sep 1;150(3):e2022057798. doi: 10.1542/peds.2022-057798. PMID: 35765138.
- Tarquinio KM, Karsies T, **Shein SL**, Beardsley A, Khemani R, Schwarz A, Smith L, Flori H, Karam O, Cao Q, Haider Z, Smirnova E, Serrano MG, Buck GA, Willson DF. Airway microbiome dynamics and relationship to ventilator-



- associated infection in intubated pediatric patients. *Pediatr Pulmonol.* 2022 Feb;57(2):508-518. doi: 10.1002/ppul.25769. Epub 2021 Dec 2. PMID: 34811963; PMCID: PMC8809006.
- Tang J, Novak T, Hecker J, Grubbs G, Zahra FT, Bellusci L, Pourhashemi S, Chou J, Moffitt K, Halasa NB, Schwartz SP, Walker TC, Tarquinio KM, Zinter MS, Staat MA, Gertz SJ, Cvijanovich NZ, Schuster JE, Loftis LL, Coates BM, Mack EH, Irby K, Fitzgerald JC, Rowan CM, Kong M, Flori HR, Maddux AB, **Shein SL**, Crandall H, Hume JR, Hobbs CV, Tremoulet AH, Shimizu C, Burns JC, Chen SR, Moon HK, Lange C, Randolph AG, Khurana S. Cross-reactive immunity against the SARS-CoV-2 Omicron variant is low in pediatric patients with prior COVID-19 or MIS-C. *Nat Commun.* 2022 May 27;13(1):2979. doi: 10.1038/s41467-022-30649-1. Erratum in: *Nat Commun.* 2022 Aug 12;13(1):4732. PMID: 35624101; PMCID: PMC9142524.
- Lee S, Zhang Y, Newhams M, Novak T, Thomas PG, Mourani PM, Hall MW, Loftis LL, Cvijanovich NZ, Tarquinio KM, Schwarz AJ, Weiss SL, Thomas NJ, Markovitz B, Cullimore ML, Sanders RC, Zinter MS, Sullivan JE, Halasa NB, Bembea MM, Giuliano JS, Typpo KV, Nofziger RA, **Shein SL**, Kong M, Coates BM, Weiss ST, Lange C, Su HC, Randolph AG; Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Pediatric Intensive Care Influenza (PICFlu) Investigators and the Trans-Omics for Precision Medicine (TOPMed) Investigators. DDX58 Is Associated With Susceptibility to Severe Influenza Virus Infection in Children and Adolescents. *J Infect Dis.* 2022 Nov 28;226(11):2030-2036. doi: 10.1093/infdis/jiac350. PMID: 35986912.
- Saju L, Rosenbaum D, Wilson-Costello D, Slain K, **Stormorken A**, **Shein SL**. Acute Neuro-Functional Morbidity Upon Discharge From the Pediatric Intensive Care Unit After Critical Bronchiolitis. *Hosp Pediatr.* 2022 Apr 1;12(4):353-358. doi: 10.1542/hpeds.2021-006166. PMID: 35314858.
- Shein SL**, Kneyber MCJ, Rotta AT. Commentary on High-Flow Nasal Cannula and Continuous Positive Airway Pressure Practices After the First-Line Support for Assistance in Breathing in Children Trials. *Pediatr Crit Care Med.* 2022 Dec 1;23(12):1076-1083. doi: 10.1097/PCC.0000000000003097. Epub 2022 Oct 17. PMID: 36250746.
- Shein SL**, Maddux AB, Klein MJ, Bhalla A, Briassoulis G, Dahmer MK, Emeriaud G, Flori HR, Gedeit R, Ilia S, Kneyber MCJ, Napolitano N, Ohshimo S, Pons-Ódena M, Rubin S, White BR, Yehya N, Khemani R, Smith L; V4 PARDIE Investigators and the PALISI Network. Epidemiology and Outcomes of Critically Ill Children at Risk for Pediatric Acute Respiratory Distress Syndrome: A Pediatric Acute Respiratory Distress Syndrome Incidence and Epidemiology Study. *Crit Care Med.* 2022 Mar 1;50(3):363-374. doi: 10.1097/CCM.0000000000005287. PMID: 34582416.
- Epstein R, Ohliger SJ, Cheifetz IM, Malay S, **Shein SL**. Trends in Time to Extubation for Pediatric Postoperative Cardiac Patients and Its Correlation With Changes in Clinical Outcomes: A Virtual PICU Database Study. *Pediatr Crit Care Med.* 2022 Jul 1;23(7):544-554. doi: 10.1097/PCC.0000000000002950. Epub 2022 Apr 18. PMID: 35435884.
- Maddux AB, Grunwell JR, Newhams MM, Chen SR, Olson SM, Halasa NB, Weiss SL, Coates BM, Schuster JE, Hall MW, Nofziger RA, Flori HR, Gertz SJ, Kong M, Sanders RC Jr, Irby K, Hume JR, Cullimore ML, **Shein SL**, Thomas NJ, Miller K, Patel M, Fitzpatrick AM, Phipatanakul W, Randolph AG; PALISI Pediatric Intensive Care Influenza Network Investigators. Association of Asthma With Treatments and Outcomes in Children With Critical Influenza. *J Allergy Clin Immunol Pract.* 2022 Nov 12:S2213-2198(22)01190-4. doi: 10.1016/j.jaip.2022.10.045. Epub ahead of print. PMID: 36379408.
- Onders RP, Elmo M, Young B, **Tinkoff G**. Observational study of early diaphragm pacing in cervical spinal cord injured patients to decrease mechanical ventilation during the COVID-19 pandemic. *Surgery.* 2022 Sep 7:S0039-6060(22)00693-6. doi: 10.1016/j.surg.2022.06.050. Epub ahead of print. PMID: 36266119; PMCID: PMC9448705.
- Neuhaus K, Hohlfelder B, Bollinger J, Haug M 3rd, **Torbic H**. Antibody-Mediated Rejection Management Following Lung Transplantation. *Ann Pharmacother.* 2022 Jan;56(1):60-64. doi: 10.1177/10600280211012410. Epub 2021 Apr 26. PMID: 33899550.
- Torbic H**, Hohlfelder B, **Krishnan S**, Tonelli AR. A Review of Pulmonary Arterial Hypertension Treatment in Extracorporeal Membrane Oxygenation: A Case Series of Adult Patients. *J Cardiovasc Pharmacol Ther.* 2022 Jan-Dec;27:10742484211069005. doi: 10.1177/10742484211069005. PMID: 35006031.
- Hanna DJ, **Torbic H**, Militello M, Strnad K, **Krishnan S**, Hohlfelder B. Evaluation of anticoagulation with bivalirudin for heparin-induced thrombocytopenia during extracorporeal membrane oxygenation. *Int J Artif Organs.* 2022 Aug;45(8):688-694. doi: 10.1177/03913988221106225. Epub 2022 Jun 16. PMID: 35708334.



Bhattacharyya A, Sheikhalishahi S, **Torbic H**, Yeung W, Wang T, Birst J, **Duggal A**, Celi LA, Osmani V. Delirium prediction in the ICU: designing a screening tool for preventive interventions. *JAMIA Open*. 2022 Jun 10;5(2):ooac048. doi: 10.1093/jamiaopen/ooac048. PMID: 35702626; PMCID: PMC9185728.

Nathwani JN, Baucom MR, Salvator A, Makley AT, **Tsuei BJ**, **Droege CA**, Goodman MD, Nomellini V. Evaluating the Utility of High Sensitivity Troponin in Blunt Cardiac Injury. *J Surg Res*. 2023 Jan;281:104-111. doi: 10.1016/j.jss.2022.08.030. Epub 2022 Sep 21. PMID: 36152398.

Singh A, Liang C, Mick SL, **Udeh C**. External Validation of the Cardiac Surgery Score in a Quaternary Hospital in the United States of America. *J Intensive Care Med*. 2022 Oct;37(10):1318-1327. doi: 10.1177/08850666211066820. Epub 2021 Dec 13. PMID: 34898329.

Patil NK, Bohannon JK, **Vachharajani V**, McCall CE. Editorial: The Roles of Mitochondria in Immunity. *Front Immunol*. 2022 May 16;13:914639. doi: 10.3389/fimmu.2022.914639. PMID: 35651600; PMCID: PMC9149419.

Gandhirajan A, Roychowdhury S, **Vachharajani V**. Sirtuins and Sepsis: Cross Talk between Redox and Epigenetic Pathways. *Antioxidants (Basel)*. 2021 Dec 21;11(1):3. doi: 10.3390/antiox11010003. PMID: 35052507; PMCID: PMC8772830.

McCall CE, Zhu X, Zabalawi M, Long D, Quinn MA, Yoza BK, Stacpoole PW, **Vachharajani V**. Sepsis, pyruvate, and mitochondria energy supply chain shortage. *J Leukoc Biol*. 2022 Dec;112(6):1509-1514. doi: 10.1002/JLB.3MR0322-692RR. Epub 2022 Jul 22. PMID: 35866365; PMCID: PMC9796618.

Bauer SR, **Sacha GL**, **Siuba MT**, Wang L, Wang X, Scheraga RG, **Vachharajani V**. Vasopressin Response and Clinical Trajectory in Septic Shock Patients. *J Intensive Care Med*. 2023 Mar;38(3):273-279. doi: 10.1177/08850666221118282. Epub 2022 Sep 4. PMID: 36062611.

Maslonka MA, Sheehan KN, Datar SV, **Vachharajani V**, Namen A. Pathophysiology and Management of Neurogenic Pulmonary Edema in Patients with Acute Severe Brain Injury. *South Med J*. 2022 Oct;115(10):784-789. doi: 10.14423/SMJ.0000000000001457. PMID: 36191916.

Westfall KM, Ramcharan RN, **Shulkosky MM**, **Wahl WL**, Hecht JP. The Effect of Antiplatelet Agents on Thromboelastography. *Am Surg*. 2022 Aug 30;31348221124327. doi: 10.1177/00031348221124327. Epub ahead of print. PMID: 36039607.

Tracy BM, Bergus KC, Hoover EJ, **Young AJ**, Sims CA, **Wahl WL**, Valdez CL. Fatal opioid overdoses geospatially cluster with level 1 trauma centers in Ohio. *Surgery*. 2022 Oct 14:S0039-6060(22)00695-X. doi: 10.1016/j.surg.2022.08.038. Epub ahead of print. PMID: 36253312.

Shulkosky MM, Han EJ, **Wahl WL**, Hecht JP. Effects of Early Chemoprophylaxis in Traumatic Brain Injury and Risk of Venous Thromboembolism. *Am Surg*. 2022 May 15;31348221102604. doi: 10.1177/00031348221102604. Epub ahead of print. PMID: 35575013.

O'Connell GC, Walsh KB, Smothers CG, Ruksakulpiwat S, Armentrout BL, **Winkelman C**, Milling TJ, Warach SJ, Barr TL. Use of deep artificial neural networks to identify stroke during triage via subtle changes in circulating cell counts. *BMC Neurol*. 2022 Jun 3;22(1):206. doi: 10.1186/s12883-022-02726-x. PMID: 35659609; PMCID: PMC9164330.

Anandamurthy B, Shaw A, Skubas NJ. Society of Cardiovascular Anesthesiologists Consensus Statement on Intraoperative Management of Extracorporeal Membrane Oxygenation: A New Instrument in the Perioperative Medicine Toolkit. *Anesth Analg*. 2021 Dec 1;133(6):1456-1458. doi: 10.1213/ANE.0000000000005792. PMID: 34784332.

Wallen TE, Singer KE, Makley AT, **Athota KP**, Janowak CF, Hanseman D, Salvator A, **Droege ME**, Strilka R, Droege CA, Goodman MD. Intercostal liposomal bupivacaine injection for rib fractures: A prospective randomized controlled trial. *J Trauma Acute Care Surg*. 2022 Feb 1;92(2):266-276. doi: 10.1097/TA.0000000000003462. PMID: 34789700.

DeVoe WB, Abourezk M, Goslin BJ, Saraswat N, Kiel B, **Bach JA**, Suh KI, Eriksson EA. Surgical stabilization of severe chest wall injury following cardiopulmonary resuscitation. *J Trauma Acute Care Surg*. 2022 Jan 1;92(1):98-102. doi: 10.1097/TA.0000000000003426. PMID: 34629459.

Saeed M, **Bass S**, Chaisson NF. Which ICU patients need stress ulcer prophylaxis? *Cleve Clin J Med*. 2022 Jul 1;89(7):363-367. doi: 10.3949/ccjm.89a.21085. PMID: 35777844.

Rizzo AN, Epstein DA, Salamon T, **Beery PR 2nd**. Gunshot Wound to the Right Superior Pulmonary Vein With Bullet Embolization to the Aortic Bifurcation: Emergent Surgical Repair. *Vasc Endovascular Surg*. 2023 Jan;57(1):75-78. doi: 10.1177/15385744221124295. Epub 2022 Sep 6. PMID: 36065845.



- Iyer MH, Kumar JE, Kumar N, Gorelik L, Hussain N, Stein E, **Bhatt AM**, Bhandary S, Essandoh MK, Flores AS. Transfusion-Related Acute Lung Injury During Liver Transplantation: A Scoping Review. *J Cardiothorac Vasc Anesth*. 2022 Aug;36(8 Pt A):2606-2615. doi: 10.1053/j.jvca.2021.04.033. Epub 2021 May 1. PMID: 34099375.
- Kopanczyk R, Bhatt A**, Kumar N, Henson CP. Persistent Hypoxemia in COVID-19 Patients on ECMO: Keep Your Eyes on the Prize. *J Cardiothorac Vasc Anesth*. 2022 Sep;36(9):3710-3711. doi: 10.1053/j.jvca.2022.04.011. Epub 2022 Apr 14. PMID: 35545455; PMCID: PMC9010012.
- Kopanczyk R**, Kumar N, Iyer MH, **Bhatt AM**. Right Ventricular Dysfunction in COVID-19 ECMO-A Red Herring or the Real Deal? *J Cardiothorac Vasc Anesth*. 2022 Mar;36(3):921-922. doi: 10.1053/j.jvca.2021.09.036. Epub 2021 Sep 26. PMID: 34674931; PMCID: PMC8467505.
- Kopanczyk R**, Al-Qudsi OH, Uribe A, Periel L, Fiorda-Diaz J, Abdel-Rasoul M, Kumar N, **Bhatt AM**. Right Ventricular Dysfunction in Patients with Coronavirus Disease 2019 Supported with Extracorporeal Membrane Oxygenation. *J Cardiothorac Vasc Anesth*. 2022 Feb;36(2):629-631. doi: 10.1053/j.jvca.2021.05.019. Epub 2021 May 18. PMID: 34116924; PMCID: PMC8129784.
- Essandoh M, Kumar N, Hussain N, Dalia AA, Wang D, Al-Qudsi O, Wilsak D, **Stahl D, Bhatt A**, Awad H, Sawyer TR, Iyer MH. Pulmonary artery pulsatility index as a predictor of right ventricular failure in left ventricular assist device recipients: A systematic review. *J Heart Lung Transplant*. 2022 Aug;41(8):1114-1123. doi: 10.1016/j.healun.2022.04.007. Epub 2022 Apr 30. PMID: 35644726.
- Dean EA, **Biehl M, Bash K**, Weleff J, Pozuelo L. Neuropsychiatric assessment and management of the ICU survivor. *Cleve Clin J Med*. 2021 Dec 2;88(12):669-679. doi: 10.3949/ccjm.88a.20169. PMID: 34857605.
- Danesh V, Boehm LM, Eaton TL, Arroliga AC, Mayer KP, Kesler SR, Bakhru RN, Baram M, Bellinghausen AL, **Biehl M**, Dangayach NS, Goldstein NM, Hoehn KS, Islam M, Jagpal S, Johnson AB, Jolley SE, Kloos JA, Mahoney EJ, Maley JH, Martin SF, McSparron JI, Mery M, Saft H, Santhosh L, Schwab K, Villalba D, Sevin CM, Montgomery AA. Characteristics of Post-ICU and Post-COVID Recovery Clinics in 29 U.S. Health Systems. *Crit Care Explor*. 2022 Mar 9;4(3):e0658. doi: 10.1097/CCE.0000000000000658. PMID: 35291316; PMCID: PMC8913088.
- Burns KEA, Moss M, Lorens E, Jose EKA, Martin CM, Viglianti EM, Fox-Robichaud A, Mathews KS, Akgun K, Jain S, Gershengorn H, Mehta S, Han JE, Martin GS, Liebler JM, Stapleton RD, Trachuk P, Vranas KC, Chua A, Herridge MS, Tsang JLY, **Biehl M**, Burnham EL, Chen JT, Attia EF, Mohamed A, Harkins MS, Soriano SM, Maddux A, West JC, Badke AR, Bagshaw SM, Binnie A, Carlos WG, Çoruh B, Crothers K, D'Aragon F, Denson JL, Drover JW, Eschun G, Geagea A, Griesdale D, Hadler R, Hancock J, Hasmatali J, Kaul B, Kerlin MP, Kohn R, Kutsogiannis DJ, Matson SM, Morris PE, Paunovic B, Peltan ID, Piquette D, Pirzadeh M, Pulchan K, Schnapp LM, Sessler CN, Smith H, Sy E, Thirugnanam S, McDonald RK, McPherson KA, Kraft M, Spiegel M, Dodek PM; Diversity-Related Research Committee of the Women in Critical Care (WICC) Interest Group of the American Thoracic Society. Wellness and Coping of Physicians Who Worked in ICUs During the Pandemic: A Multicenter Cross-Sectional North American Survey. *Crit Care Med*. 2022 Dec 1;50(12):1689-1700. doi: 10.1097/CCM.00000000000005674. Epub 2022 Oct 27. PMID: 36300945; PMCID: PMC9668381.
- Mayer KP, Palakshappa JA, Peltan ID, Andrew JS, Gundel SJ, Ringwood NJ, Mckeehan J, Hope AA, Rogers AJ, **Biehl M**, Hayden DL, Caldwell E, Mehkri O, Lynch DJ, Burham EL, Hough CL, Jolley SE; NHLBI PETAL Network. Functional, imaging, and respiratory evaluation (FIRE) of patients post-hospitalization for COVID-19: protocol for a pilot observational study. *Pilot Feasibility Stud*. 2022 Sep 19;8(1):212. doi: 10.1186/s40814-022-01151-8. PMID: 36123599; PMCID: PMC9483889.
- Tullington JE, **Blecker N**. Pelvic Trauma. 2022 Aug 8. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. PMID: 32310530.
- Tullington JE, **Blecker N**. Lower Genitourinary Trauma. 2022 May 15. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. PMID: 32491459.
- Brown LR**, Rentea RM. Temporary Abdominal Closure Techniques. 2022 Jul 25. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. PMID: 33232048.
- Ferre AC, Curtis J, Flippin JA, Claridge JA, Tseng ES, **Brown LR**, Ho VP. Do new trauma centers provide needed or redundant access? A nationwide analysis. *J Trauma Acute Care Surg*. 2022 Sep 1;93(3):347-352. doi: 10.1097/TA.00000000000003652. Epub 2022 May 30. PMID: 35647793; PMCID: PMC9615221.



Stanley SP, DeMario BS, Beel KT, Lee MS, Pettitt JC, **Brown LR**, Tseng ES, Ho VP. Home Medication Regimens Increase in Complexity After Admission for Fall in the Older Trauma Patient. *Am Surg*. 2022 Jul 16;31348221083958. doi: 10.1177/00031348221083958. Epub ahead of print. PMID: 35848087.

DeMario BS, Stanley SP, Truong EI, Ladhani HA, **Brown LR**, Ho VP, Kelly ML. Predictors for Withdrawal of Life-Sustaining Therapies in Patients With Traumatic Brain Injury: A Retrospective Trauma Quality Improvement Program Database Study. *Neurosurgery*. 2022 Aug 1;91(2):e45-e50. doi: 10.1227/neu.0000000000002020. Epub 2022 Apr 28. PMID: 35471648; PMCID: PMC9514740.

Lai CKN, Towe CW, **Patel NJ**, **Brown LR**, Claridge JA, Ho VP. Re-Admission in Patients with Necrotizing Soft Tissue Infections: Continuity of Care Matters. *Surg Infect (Larchmt)*. 2022 Dec;23(10):866-872. doi: 10.1089/sur.2022.243. Epub 2022 Nov 17. PMID: 36394462; PMCID: PMC9784599.

Migirov A, **Chahar P**, Maheshwari K. Postoperative delirium and neurocognitive disorders. *Curr Opin Crit Care*. 2021 Dec 1;27(6):686-693. doi: 10.1097/MCC.0000000000000882. PMID: 34545028.

Ruetzler K, Li K, Chhabada S, Maheshwari K, **Chahar P**, Khanna S, Schmidt MT, Yang D, Turan A, Sessler DI. Sugammadex Versus Neostigmine for Reversal of Residual Neuromuscular Blocks After Surgery: A Retrospective Cohort Analysis of Postoperative Side Effects. *Anesth Analg*. 2022 May 1;134(5):1043-1053. doi: 10.1213/ANE.0000000000005842. PMID: 35020636.

Factora F, Maheshwari K, Khanna S, **Chahar P**, Ritchey M, O'Hara J Jr, Mascha EJ, Mi J, Halvorson S, Turan A, Ruetzler K. Effect of a Rapid Response Team on the Incidence of In-Hospital Mortality. *Anesth Analg*. 2022 Sep 1;135(3):595-604. doi: 10.1213/ANE.0000000000006005. Epub 2022 Apr 4. PMID: 35977369.

Ruetzler K, Yalcin EK, **Chahar P**, Smilowitz NR, Factora F, Pu X, Ekrami E, Maheshwari K, Sessler DI, Turan A. Chest pain in patients recovering from noncardiac surgery: A retrospective analysis. *J Clin Anesth*. 2022 Nov;82:110932. doi: 10.1016/j.jclinane.2022.110932. Epub 2022 Jul 15. PMID: 35849897.

Kutlu Yalcin E, Kim D, Mao G, Rivas E, Markwei M, **Chahar P**, Keebler A, Cywinski JB, Kurz A, Turan A. Effect of intraoperative subhypnotic infusion of propofol on postoperative nausea and vomiting: A retrospective analysis. *J Clin Anesth*. 2022 Jun;78:110672. doi: 10.1016/j.jclinane.2022.110672. Epub 2022 Feb 10. PMID: 35151144.

Sacha GL, **Chen AY**, Palm NM, Wang X, Li M, **Duggal A**. Clinical Utilization of Stress Dose Hydrocortisone in Adult Patients With Septic Shock: A Retrospective Observational Study at a Large Academic Medical Center. *J Pharm Pract*. 2022 Feb 12;8971900211037589. doi: 10.1177/08971900211037589. Epub ahead of print. PMID: 35156439.

Christian CE, Kim SS, Tobias JD. Delirium in Pediatric Patients With Respiratory Insufficiency Requiring Noninvasive Ventilation. *J Clin Med Res*. 2022 Sep;14(9):357-363. doi: 10.14740/jocmr4805. Epub 2022 Sep 29. PMID: 36258841; PMCID: PMC9534187.

Clayton JA, Slain KN, **Shein SL**, Cheifetz IM. High flow nasal cannula in the pediatric intensive care unit. *Expert Rev Respir Med*. 2022 Apr;16(4):409-417. doi: 10.1080/17476348.2022.2049761. Epub 2022 Mar 7. PMID: 35240901.

Woods-Hill CZ, Colantuoni EA, Koontz DW, Voskertchian A, Xie A, Thurm C, Miller MR, Fackler JC, Milstone AM; Bright STAR Authorship Group; Agulnik A, Albert JE, Auth MJ, Bradley E, **Clayton JA**, Coffin SE, Dallefeld S, Ezetendu CP, Fainberg NA, Flaherty BF, Foster CB, Hauger SB, Hong SJ, Hysmith ND, Kirby AL, Kociolek LK, Larsen GY, Lin JC, Linam WM, Newland JG, Nolt D, Priebe GP, Sandora TJ, Schwenk HT, Smith CM, Steffen KM, Tadphale SD, Toltzis P, Wolf J, Zerr DM. Association of Diagnostic Stewardship for Blood Cultures in Critically Ill Children With Culture Rates, Antibiotic Use, and Patient Outcomes: Results of the Bright STAR Collaborative. *JAMA Pediatr*. 2022 Jul 1;176(7):690-698. doi: 10.1001/jamapediatrics.2022.1024. PMID: 35499841; PMCID: PMC9062771.

Pannu SR, **Crouser ED**. Is Anyone Safe From Sepsis? *Chest*. 2022 Jul;162(1):14-16. doi: 10.1016/j.chest.2022.01.040. PMID: 35809924.

Singha A, Kirkland M, Drake W, **Crouser ED**. The influence of age and sex in sarcoidosis. *Curr Opin Pulm Med*. 2022 Jul 1;28(4):307-313. doi: 10.1097/MCP.0000000000000882. PMID: 35749796.

Bhargava M, Liao SY, **Crouser ED**, Maier LA, Leach SM. The landscape of transcriptomic and proteomic studies in sarcoidosis. *ERJ Open Res*. 2022 Feb 28;8(1):00621-2021. doi: 10.1183/23120541.00621-2021. PMID: 35237683; PMCID: PMC8883173.

Volkman ER, Siegfried J, Lahm T, Ventetuolo CE, Mathai SC, Steen V, Herzog EL, Shansky R, Anguera MC, Danoff SK, Giles JT, Lee YC, Drake W, Maier LA, Lachowicz-Scroggins M, Park H, Banerjee K, Fessel J, Reineck L, Vuga L,



Crouser E, Feghali-Bostwick C. Impact of Sex and Gender on Autoimmune Lung Disease: Opportunities for Future Research: NHLBI Working Group Report. *Am J Respir Crit Care Med.* 2022 Oct 1;206(7):817-823. doi: 10.1164/rccm.202112-2746PP. PMID: 35549658; PMCID: PMC9799264.

Pannu SR, Haddad T, Exline M, Christman JW, Horowitz JC, Peters J, Brock G, Diaz P, **Crouser ED**. Rationale and design of a randomized controlled clinical trial; Titration of Oxygen Levels (TOOL) during mechanical ventilation. *Contemp Clin Trials.* 2022 Aug;119:106811. doi: 10.1016/j.cct.2022.106811. Epub 2022 May 31. PMID: 35660485.

Eisinger GJ, Osman W, Prather ER, Julian MW, Gavrilin MA, **Crouser ED**, Wewers MD. Inflammasome Activation in an In Vitro Sepsis Model Recapitulates Increased Monocyte Distribution Width Seen in Patients With Sepsis. *Crit Care Explor.* 2022 Feb 1;4(2):e0631. doi: 10.1097/CCE.0000000000000631. PMID: 35128458; PMCID: PMC8812705.

Pannu SR, Exline M, Klamer B, Brock G, **Crouser ED**, Christman JW, Diaz P. Early Titration of Oxygen During Mechanical Ventilation Reduces Hyperoxemia in a Pilot, Feasibility, Randomized Control Trial for Automated Titration of Oxygen Levels. *Crit Care Explor.* 2022 Jun 9;4(6):e0704. doi: 10.1097/CCE.0000000000000704. PMID: 35702350; PMCID: PMC9187203.

Groth CM, **Droege CA**, Connor KA, Kaukeinen K, Acquisto NM, Chui SHJ, **Cucci MD**, Dixit D, Flannery AH, Gustafson KA, Glass NE, Horng H, Heavner MS, Kinney J, Kruer RM, Peppard WJ, Sarangarm P, Sikora A, Viswesh V, Erstad BL. Multicenter Retrospective Review of Ketamine Use in the ICU. *Crit Care Explor.* 2022 Feb 10;4(2):e0633. doi: 10.1097/CCE.0000000000000633. PMID: 35187497; PMCID: PMC8843366.

Cucci MD, Chester KW, Hamilton LA. Concise Definitive Review for Reinitiation of Antidepressants, Antipsychotics, and Gabapentinoids in ICU Patients. *Crit Care Med.* 2022 Apr 1;50(4):665-673. doi: 10.1097/CCM.0000000000005415. PMID: 34982737.

Shoskes A, Hassett C, **Dani D**, Majeed A. Pearls & Oysters: Seronegative Eastern Equine Encephalitis in an Immunocompromised Stem Cell Transplant Recipient. *Neurology.* 2022 Nov 29;99(22):1004-1007. doi: 10.1212/WNL.0000000000201334. Epub 2022 Sep 13. PMID: 36100442.

Daphtary K, Baloglu O. Clinical Informatics and Quality Improvement in the Pediatric Intensive Care Unit. *Pediatr Clin North Am.* 2022 Jun;69(3):573-586. doi: 10.1016/j.pcl.2022.01.014. PMID: 35667762.

Davila VR. Outpatient surgery for the inpatient: an introduction to postacute care. *Curr Opin Anaesthesiol.* 2021 Dec 1;34(6):714-719. doi: 10.1097/ACO.0000000000001062. PMID: 34608054.

Davila V, Joshi GP. Looking Forward to Progress in Perioperative Care: Anesthetic Technique and Discharge Destination After Total Joint Replacement. *Anesth Analg.* 2021 Dec 1;133(6):1375-1378. doi: 10.1213/ANE.0000000000005226. PMID: 34784323.

Morocco V, **DeWitt J**, **Harding A**, Geiger J, Ayres S. Impact of continuous infusions of opioids on discharge opioid prescriptions. *J Opioid Manag.* 2022 May-Jun;18(3):223-228. doi: 10.5055/jom.2022.0713. PMID: 35666478.

Schaffer P, Chowdhury R, Jordan K, **DeWitt J**, Elliott J, Schroeder K. Outcomes of Continuous Renal Replacement Therapy in a Community Health System. *J Intensive Care Med.* 2022 Aug;37(8):1043-1048. doi: 10.1177/08850666211052871. Epub 2021 Nov 23. PMID: 34812078.

Chiu M, Goodman L, Palacios CH, **Dingeldein M**. Children in disasters. *Semin Pediatr Surg.* 2022 Oct;31(5):151219. doi: 10.1016/j.sempedsurg.2022.151219. Epub 2022 Oct 26. PMID: 36343413; PMCID: PMC9598041.

Melhado CG, Yorkgitis BK, Patel B, Remick K, Macias CG, **Dingeldein MW**, Gray L, Jensen AR. Establishing national stakeholder priorities for quality improvement in pediatric trauma care: Consensus results using a modified Delphi process. *J Trauma Acute Care Surg.* 2022 Oct 1;93(4):467-473. doi: 10.1097/TA.0000000000003731. Epub 2022 Jun 17. PMID: 35713930.

Singer KE, Philpott CD, Bercz AP, Phillips T, Salyer CE, Hanseman D, **Droege ME**, Goodman MD, Makley AT. Impact of a Multimodal Analgesia Protocol on Inpatient and Outpatient Opioid Use in Acute Trauma. *J Surg Res.* 2021 Dec;268:9-16. doi: 10.1016/j.jss.2021.05.052. Epub 2021 Jul 23. PMID: 34280664.

Tenforde MW, Self WH, Adams K, Gaglani M, Ginde AA, McNeal T, Ghamande S, Douin DJ, Talbot HK, Casey JD, Mohr NM, Zepeski A, Shapiro NI, Gibbs KW, Files DC, Hager DN, Shehu A, Prekker ME, Erickson HL, Exline MC, Gong MN, Mohamed A, Henning DJ, Steingrub JS, Peltan ID, Brown SM, Martin ET, Monto AS, Khan A, Hough CL, Busse LW, Ten Lohuis CC, **Duggal A**, Wilson JG, Gordon AJ, Qadir N, Chang SY, Mallow C, Rivas C, Babcock HM, Kwon JH, Halasa N, Chappell JD, Lauring AS, Grijalva CG, Rice TW, Jones ID, Stubblefield WB, Baughman A,



Womack KN, Rhoads JP, Lindsell CJ, Hart KW, Zhu Y, Olson SM, Kobayashi M, Verani JR, Patel MM; Influenza and Other Viruses in the Acutely Ill (IVY) Network. Association Between mRNA Vaccination and COVID-19 Hospitalization and Disease Severity. *JAMA*. 2021 Nov 23;326(20):2043-2054. doi: 10.1001/jama.2021.19499. PMID: 34734975; PMCID: PMC8569602.

Lauring AS, Tenforde MW, Chappell JD, Gaglani M, Ginde AA, McNeal T, Ghamande S, Douin DJ, Talbot HK, Casey JD, Mohr NM, Zepeski A, Shapiro NI, Gibbs KW, Files DC, Hager DN, Shehu A, Prekker ME, Erickson HL, Exline MC, Gong MN, Mohamed A, Johnson NJ, Srinivasan V, Steingrub JS, Peltan ID, Brown SM, Martin ET, Monto AS, Khan A, Hough CL, Busse LW, Ten Lohuis CC, **Duggal A**, Wilson JG, Gordon AJ, Qadir N, Chang SY, Mallow C, Rivas C, Babcock HM, Kwon JH, Halasa N, Grijalva CG, Rice TW, Stubblefield WB, Baughman A, Womack KN, Rhoads JP, Lindsell CJ, Hart KW, Zhu Y, Adams K, Schrag SJ, Olson SM, Kobayashi M, Verani JR, Patel MM, Self WH; Influenza and Other Viruses in the Acutely Ill (IVY) Network. Clinical severity of, and effectiveness of mRNA vaccines against, covid-19 from omicron, delta, and alpha SARS-CoV-2 variants in the United States: prospective observational study. *BMJ*. 2022 Mar 9;376:e069761. doi: 10.1136/bmj-2021-069761. PMID: 35264324; PMCID: PMC8905308.

Lauring AS, Tenforde MW, Chappell JD, Gaglani M, Ginde AA, McNeal T, Ghamande S, Douin DJ, Talbot HK, Casey JD, Mohr NM, Zepeski A, Shapiro NI, Gibbs KW, Files DC, Hager DN, Shehu A, Prekker ME, Erickson HL, Exline MC, Gong MN, Mohamed A, Johnson NJ, Srinivasan V, Steingrub JS, Peltan ID, Brown SM, Martin ET, Monto AS, Khan A, Hough CL, Busse LW, Ten Lohuis CC, **Duggal A**, Wilson JG, Gordon AJ, Qadir N, Chang SY, Mallow C, Rivas C, Babcock HM, Kwon JH, Halasa N, Grijalva CG, Rice TW, Stubblefield WB, Baughman A, Womack KN, Rhoads JP, Lindsell CJ, Hart KW, Zhu Y, Adams K, Schrag SJ, Olson SM, Kobayashi M, Verani JR, Patel MM, Self WH; Influenza and Other Viruses in the Acutely Ill (IVY) Network. Clinical Severity and mRNA Vaccine Effectiveness for Omicron, Delta, and Alpha SARS-CoV-2 Variants in the United States: A Prospective Observational Study. *medRxiv* [Preprint]. 2022 Feb 7:2022.02.06.22270558. doi: 10.1101/2022.02.06.22270558. Update in: *BMJ*. 2022 Mar 9;376:e069761. PMID: 35169811; PMCID: PMC8845432.

Tenforde MW, Patel MM, Ginde AA, Douin DJ, Talbot HK, Casey JD, Mohr NM, Zepeski A, Gaglani M, McNeal T, Ghamande S, Shapiro NI, Gibbs KW, Files DC, Hager DN, Shehu A, Prekker ME, Erickson HL, Exline MC, Gong MN, Mohamed A, Henning DJ, Steingrub JS, Peltan ID, Brown SM, Martin ET, Monto AS, Khan A, Hough CL, Busse LW, Ten Lohuis CC, **Duggal A**, Wilson JG, Gordon AJ, Qadir N, Chang SY, Mallow C, Gershengorn HB, Babcock HM, Kwon JH, Halasa N, Chappell JD, Lauring AS, Grijalva CG, Rice TW, Jones ID, Stubblefield WB, Baughman A, Womack KN, Lindsell CJ, Hart KW, Zhu Y, Olson SM, Stephenson M, Schrag SJ, Kobayashi M, Verani JR, Self WH; Influenza and Other Viruses in the Acutely Ill (IVY) Network. Effectiveness of Severe Acute Respiratory Syndrome Coronavirus 2 Messenger RNA Vaccines for Preventing Coronavirus Disease 2019 Hospitalizations in the United States. *Clin Infect Dis*. 2022 May 3;74(9):1515-1524. doi: 10.1093/cid/ciab687. PMID: 34358310; PMCID: PMC8436392.

Duggal A, Mathews KS. Impact of ICU strain on outcomes. *Curr Opin Crit Care*. 2022 Dec 1;28(6):667-673. doi: 10.1097/MCC.0000000000000993. Epub 2022 Oct 11. PMID: 36226707.

Tenforde MW, Self WH, Gaglani M, Ginde AA, Douin DJ, Talbot HK, Casey JD, Mohr NM, Zepeski A, McNeal T, Ghamande S, Gibbs KW, Files DC, Hager DN, Shehu A, Prekker ME, Frosch AE, Gong MN, Mohamed A, Johnson NJ, Srinivasan V, Steingrub JS, Peltan ID, Brown SM, Martin ET, Monto AS, Khan A, Hough CL, Busse LW, **Duggal A**, Wilson JG, Qadir N, Chang SY, Mallow C, Rivas C, Babcock HM, Kwon JH, Exline MC, Botros M, Lauring AS, Shapiro NI, Halasa N, Chappell JD, Grijalva CG, Rice TW, Jones ID, Stubblefield WB, Baughman A, Womack KN, Rhoads JP, Lindsell CJ, Hart KW, Zhu Y, Adams K, Surie D, McMorrow ML, Patel MM; IVY Network. Effectiveness of mRNA Vaccination in Preventing COVID-19-Associated Invasive Mechanical Ventilation and Death - United States, March 2021-January 2022. *MMWR Morb Mortal Wkly Rep*. 2022 Mar 25;71(12):459-465. doi: 10.15585/mmwr.mm7112e1. PMID: 35324878; PMCID: PMC8956334.

Tenforde MW, Patel MM, Gaglani M, Ginde AA, Douin DJ, Talbot HK, Casey JD, Mohr NM, Zepeski A, McNeal T, Ghamande S, Gibbs KW, Files DC, Hager DN, Shehu A, Prekker ME, Erickson HL, Gong MN, Mohamed A, Johnson NJ, Srinivasan V, Steingrub JS, Peltan ID, Brown SM, Martin ET, Monto AS, Khan A, Hough CL, Busse LW, **Duggal A**, Wilson JG, Qadir N, Chang SY, Mallow C, Rivas C, Babcock HM, Kwon JH, Exline MC, Botros M, Lauring AS, Shapiro NI, Halasa N, Chappell JD, Grijalva CG, Rice TW, Jones ID, Stubblefield WB, Baughman A, Womack KN, Rhoads JP, Lindsell CJ, Hart KW, Zhu Y, Naioti EA, Adams K, Lewis NM, Surie D, McMorrow ML, Self WH; IVY Network. Effectiveness of a Third Dose of Pfizer-BioNTech and Moderna Vaccines in Preventing COVID-19 Hospitalization Among Immunocompetent and Immunocompromised Adults - United States, August-December 2021.



MMWR Morb Mortal Wkly Rep. 2022 Jan 28;71(4):118-124. doi: 10.15585/mmwr.mm7104a2. PMID: 35085218; PMCID: PMC9351530.

Hatipoğlu U, Ghazala L, Li M, Wang X, **Duggal A**. Noninvasive ventilation in acute exacerbation of COPD: Homer is close to shore. *Can J Respir Ther*. 2021 Nov 29;57:160. doi: 10.29390/cjrt-2021-072. PMID: 34859138; PMCID: PMC8629373.

Thind GS, **Mireles-Cabodevila E**, Chatburn RL, **Duggal A**. Evaluation of Esophageal Pressures in Mechanically Ventilated Obese Patients. *Respir Care*. 2022 Feb;67(2):184-190. doi: 10.4187/respcare.08978. Epub 2021 Nov 30. PMID: 34848545.

Tenforde MW, Patel MM, Lewis NM, Adams K, Gaglani M, Steingrub JS, Shapiro NI, **Duggal A**, Prekker ME, Peltan ID, Hager DN, Gong MN, Exline MC, Ginde AA, Mohr NM, Mallow C, Martin ET, Talbot HK, Gibbs KW, Kwon JH, Chappell JD, Halasa N, Luring AS, Lindsell CJ, Swan SA, Hart KW, Womack KN, Baughman A, Grijalva CG, Self WH; Influenza and Other Viruses in the Acutely Ill Network. Vaccine effectiveness against influenza A(H3N2)-associated hospitalized illness, United States, 2022. *Clin Infect Dis*. 2022 Nov 3:ciac869. doi: 10.1093/cid/ciac869. Epub ahead of print. PMID: 36327388.

Vranas KC, Golden SE, Nugent S, Valley TS, Schutz A, **Duggal A**, Seitz KP, Chang SY, Slatore CG, Sullivan DR, Hough CL, Mathews KS. The Influence of the COVID-19 Pandemic on Intensivists' Well-Being: A Qualitative Study. *Chest*. 2022 Aug;162(2):331-345. doi: 10.1016/j.chest.2022.05.003. Epub 2022 May 11. PMID: 35568205; PMCID: PMC9093195.

Bhardwaj A, Alwakeel M, **Duggal A**, Abi Fadel F, Abella BS. Post resuscitation myocardial dysfunction and echocardiographic characteristics following COVID-19 cardiac arrest. *Resuscitation*. 2022 Apr;173:57-58. doi: 10.1016/j.resuscitation.2022.02.009. Epub 2022 Feb 15. PMID: 35176402; PMCID: PMC8843318.

Siuba MT, Duggal A. Body Position: A Question That Weighs Heavily on Lung Protection in Acute Respiratory Distress Syndrome. *Crit Care Med*. 2022 Nov 1;50(11):1675-1677. doi: 10.1097/CCM.0000000000005652. Epub 2022 Oct 13. PMID: 36227039.

Kwon JH, Tenforde MW, Gaglani M, Talbot HK, Ginde AA, McNeal T, Ghamande S, Douin DJ, Casey JD, Mohr NM, Zepeski A, Shapiro NI, Gibbs KW, Files DC, Hager DN, Shehu A, Prekker ME, Caspers SD, Exline MC, Botros M, Gong MN, Li A, Mohamed A, Johnson NJ, Srinivasan V, Steingrub JS, Peltan ID, Brown SM, Martin ET, Khan A, Hough CL, Busse LW, **Duggal A**, Wilson JG, Perez C, Chang SY, Mallow C, Rovinski R, Babcock HM, Luring AS, Felley L, Halasa N, Chappell JD, Grijalva CG, Rice TW, Womack KN, Lindsell CJ, Hart KW, Baughman A, Olson SM, Schrag S, Kobayashi M, Verani JR, Patel MM, Self WH. mRNA Vaccine Effectiveness Against Coronavirus Disease 2019 Hospitalization Among Solid Organ Transplant Recipients. *J Infect Dis*. 2022 Sep 13;226(5):797-807. doi: 10.1093/infdis/jiac118. PMID: 35385875; PMCID: PMC9047160.

Orsini EM, **Sacha GL**, Han X, Wang X, **Duggal A**, Rajendram P. Risk factors associated with development of coinfection in critically ill patients with COVID-19. *Acute Crit Care*. 2022 Aug;37(3):312-321. doi: 10.4266/acc.2022.00136. Epub 2022 Aug 29. PMID: 36102003; PMCID: PMC9475158.

Stephenson M, Olson SM, Self WH, Ginde AA, Mohr NM, Gaglani M, Shapiro NI, Gibbs KW, Hager DN, Prekker ME, Gong MN, Steingrub JS, Peltan ID, Martin ET, Reddy R, Busse LW, **Duggal A**, Wilson JG, Qadir N, Mallow C, Kwon JH, Exline MC, Chappell JD, Luring AS, Baughman A, Lindsell CJ, Hart KW, Lewis NM, Patel MM, Tenforde MW; IVY Network Investigators. Ascertainment of vaccination status by self-report versus source documentation: Impact on measuring COVID-19 vaccine effectiveness. *Influenza Other Respir Viruses*. 2022 Nov;16(6):1101-1111. doi: 10.1111/irv.13023. Epub 2022 Jul 11. PMID: 35818721; PMCID: PMC9350035.

Lewis NM, Naioti EA, Self WH, Ginde AA, Douin DJ, Keipp Talbot H, Casey JD, Mohr NM, Zepeski A, Gaglani M, Ghamande SA, McNeal TA, Shapiro NI, Gibbs KW, Clark Files D, Hager DN, Shehu A, Prekker ME, Erickson HL, Gong MN, Mohamed A, Henning DJ, Steingrub JS, Peltan ID, Brown SM, Martin ET, Hubel K, Hough CL, Busse LW, Ten Lohuis CC, **Duggal A**, Wilson JG, Gordon AJ, Qadir N, Chang SY, Mallow C, Rivas C, Babcock HM, Kwon JH, Exline MC, Halasa N, Chappell JD, Luring AS, Grijalva CG, Rice TW, Rhoads JP, Stubblefield WB, Baughman A, Womack KN, Lindsell CJ, Hart KW, Zhu Y, Schrag SJ, Kobayashi M, Verani JR, Patel MM, Tenforde MW; IVY Network Collaborators. Effectiveness of mRNA Vaccines Against COVID-19 Hospitalization by Age and Chronic Medical Conditions Burden Among Immunocompetent US Adults, March-August 2021. *J Infect Dis*. 2022 May 16;225(10):1694-1700. doi: 10.1093/infdis/jiab619. PMID: 34932114; PMCID: PMC9113447.



Lopez DC, Whelan G, Kojima L, Dore S, Lad S, Tucker D, Abramczyk E, Mehkri O, Han X, Wang X, Yepes-Rios AM, **Duggal A**. Critical Care Among Disadvantaged Minority Groups Made Equitable: Trends Throughout the COVID-19 Pandemic. *J Racial Ethn Health Disparities*. 2022 Feb 4:1–11. doi: 10.1007/s40615-022-01254-1. Epub ahead of print. PMID: 35119680; PMCID: PMC8815384.

Bowdish ME, Barkauskas CE, Overbey JR, Gottlieb RL, Osman K, **Duggal A**, Marks ME, Hupf J, Fernandes E, Leshnowar BG, Golob JL, Iribarne A, Rassias AJ, Moquete EG, O'Sullivan K, Chang HL, Williams JB, Parnia S, Patel NC, Desai ND, Vekstein AM, Hollister BA, Possemato T, Romero C, Hou PC, Burke E, Hayes J, Grossman F, Itescu S, Gillinov M, Pagani FD, O'Gara PT, Mack MJ, Smith PK, Bagiella E, Moskowitz AJ, Gelijns AC. A Randomized Trial of Mesenchymal Stromal Cells for Moderate to Severe ARDS From COVID-19. *Am J Respir Crit Care Med*. 2022 Sep 13. doi: 10.1164/rccm.202201-0157OC. Epub ahead of print. PMID: 36099435.

Siuba MT, Bhardwaj A, Kirincich J, **Perez O**, Flanagan P, Lane J, Toth D, Paul D, Lehr C, **Duggal A**, Tonelli AR. Does veno-arterial carbon dioxide gradient provide an adequate estimation of cardiac index in pulmonary hypertension? *Eur Heart J Acute Cardiovasc Care*. 2022 Oct 27:zuac139. doi: 10.1093/ehjacc/zuac139. Epub ahead of print. PMID: 36301185.

Siuba MT, Sadana D, Gadre S, Bruckman D, **Duggal A**. Acute respiratory distress syndrome readmissions: A nationwide cross-sectional analysis of epidemiology and costs of care. *PLoS One*. 2022 Jan 25;17(1):e0263000. doi: 10.1371/journal.pone.0263000. PMID: 35077505; PMCID: PMC8789165.

Shoskes A, Huang M, Gedansky A, Hassett C, Buletko AB, **Duggal A**, Uchino K, Cho SM. MRI of Cerebrovascular Injury Associated With COVID-19 and Non-COVID-19 Acute Respiratory Distress Syndrome: A Matched Case-Control Study. *Crit Care Med*. 2022 Nov 1;50(11):1638-1643. doi: 10.1097/CCM.0000000000005658. Epub 2022 Sep 12. PMID: 36094464; PMCID: PMC9555598.

Dettmer M, **Morrison J**, Bari V, **Krishnan S**, Wang X, Li M, **Duggal A**, Adams G, **Hite D**. Factors Associated With Mortality Among Patients Managed for Large Volume Hemorrhage in a Medical Intensive Care Unit. *Shock*. 2022 Mar 1;57(3):392-396. doi: 10.1097/SHK.0000000000001913. PMID: 35081077.

Tenforde MW, Self WH, Zhu Y, Naioti EA, Gaglani M, Ginde AA, Jensen K, Talbot HK, Casey JD, Mohr NM, Zepeski A, McNeal T, Ghamande S, Gibbs KW, Files DC, Hager DN, Shehu A, Prekker ME, Erickson HL, Gong MN, Mohamed A, Johnson NJ, Srinivasan V, Steingrub JS, Peltan ID, Brown SM, Martin ET, Monto AS, Khan A, Hough CL, Busse LW, Ten Lohuis C, **Duggal A**, Wilson JG, Qadir N, Chang SY, Mallow C, Rivas C, Babcock HM, Kwon JH, Exline MC, Botros MM, Lauring AS, Shapiro NI, Halasa N, Chappell JD, Grijalva CG, Rice TW, Jones ID, Stubblefield WB, Baughman A, Womack KN, Rhoads JP, Lindsell CJ, Hart KW, Turbyfill C, Olson S, Murray N, Adams K, Patel MM; Influenza and Other Viruses in the Acutely Ill (IVY) Network. Protection of mRNA vaccines against hospitalized COVID-19 in adults over the first year following authorization in the United States. *Clin Infect Dis*. 2022 May 17:ciac381. doi: 10.1093/cid/ciac381. Epub ahead of print. PMID: 35580849; PMCID: PMC9129194.

Turbyfill C, Adams K, Tenforde MW, Murray NL, Gaglani M, Ginde AA, McNeal T, Ghamande S, Douin DJ, Keipp Talbot H, Casey JD, Mohr NM, Zepeski A, Shapiro NI, Gibbs KW, Clark Files D, Hager DN, Shehu A, Prekker ME, Frosch AE, Exline MC, Gong MN, Mohamed A, Johnson NJ, Srinivasan V, Steingrub JS, Peltan ID, Brown SM, Martin ET, Lauring AS, Khan A, Busse LW, Ten Lohuis CC, **Duggal A**, Wilson JG, June Gordon A, Qadir N, Chang SY, Mallow C, Rivas C, Kwon JH, Halasa N, Chappell JD, Grijalva CG, Rice TW, Stubblefield WB, Baughman A, Rhoads JP, Lindsell CJ, Hart KW, McMorro M, Surie D, Self WH, Patel MM. Comparison of test-negative and syndrome-negative controls in SARS-CoV-2 vaccine effectiveness evaluations for preventing COVID-19 hospitalizations in the United States. *Vaccine*. 2022 Nov 15;40(48):6979-6986. doi: 10.1016/j.vaccine.2022.10.034. Epub 2022 Oct 24. PMID: 36374708; PMCID: PMC9595377.

Adams K, Rhoads JP, Surie D, Gaglani M, Ginde AA, McNeal T, Ghamande S, Huynh D, Talbot HK, Casey JD, Mohr NM, Zepeski A, Shapiro NI, Gibbs KW, Files DC, Hicks M, Hager DN, Ali H, Prekker ME, Frosch AE, Exline MC, Gong MN, Mohamed A, Johnson NJ, Srinivasan V, Steingrub JS, Peltan ID, Brown SM, Martin ET, Monto AS, Lauring AS, Khan A, Hough CL, Busse LW, Ten Lohuis CC, **Duggal A**, Wilson JG, Gordon AJ, Qadir N, Chang SY, Mallow C, Rivas C, Babcock HM, Kwon JH, Chappell JD, Halasa N, Grijalva CG, Rice TW, Stubblefield WB, Baughman A, Lindsell CJ, Hart KW, Lester SN, Thornburg NJ, Park S, McMorro ML, Patel MM, Tenforde MW, Self WH. Vaccine Effectiveness of Primary Series and Booster Doses against Omicron Variant COVID-19-Associated Hospitalization in



the United States. medRxiv [Preprint]. 2022 Jun 14:2022.06.09.22276228. doi: 10.1101/2022.06.09.22276228. Update in: BMJ. 2022 Oct 11;379:e072065. PMID: 35734090; PMCID: PMC9216731.

Duggal A, Kast R, Van Ark E, Bulgarelli L, **Siuba MT**, Osborn J, Rey DA, Zampieri FG, Cavalcanti AB, Maia I, Paisani DM, Laranjeira LN, Serpa Neto A, Deliberato RO. Identification of acute respiratory distress syndrome subphenotypes de novo using routine clinical data: a retrospective analysis of ARDS clinical trials. *BMJ Open*. 2022 Jan 6;12(1):e053297. doi: 10.1136/bmjopen-2021-053297. PMID: 34992112; PMCID: PMC8739395.

Surie D, Bonnell L, Adams K, Gaglani M, Ginde AA, Douin DJ, Talbot HK, Casey JD, Mohr NM, Zepeski A, McNeal T, Ghamande S, Gibbs KW, Files DC, Hager DN, Shehu A, Frosch AP, Erickson HL, Gong MN, Mohamed A, Johnson NJ, Srinivasan V, Steingrub JS, Peltan ID, Brown SM, Martin ET, Khan A, Bender WS, **Duggal A**, Wilson JG, Qadir N, Chang SY, Mallow C, Rivas C, Kwon JH, Exline MC, Lauring AS, Shapiro NI, Halasa N, Chappell JD, Grijalva CG, Rice TW, Stubblefield WB, Baughman A, Womack KN, Hart KW, Swan SA, Zhu Y, DeCuir J, Tenforde MW, Patel MM, McMorro ML, Self WH; IVY Network. Effectiveness of Monovalent mRNA Vaccines Against COVID-19-Associated Hospitalization Among Immunocompetent Adults During BA.1/BA.2 and BA.4/BA.5 Predominant Periods of SARS-CoV-2 Omicron Variant in the United States - IVY Network, 18 States, December 26, 2021-August 31, 2022. *MMWR Morb Mortal Wkly Rep*. 2022 Oct 21;71(42):1327-1334. doi: 10.15585/mmwr.mm7142a3. PMID: 36264830; PMCID: PMC9590291.

Lewis NM, Self WH, Gaglani M, Ginde AA, Douin DJ, Keipp Talbot H, Casey JD, Mohr NM, Zepeski A, Ghamande SA, McNeal TA, Shapiro NI, Gibbs KW, Files DC, Hager DN, Shehu A, Prekker ME, Erickson HL, Gong MN, Mohamed A, Johnson NJ, Srinivasan V, Steingrub JS, Peltan ID, Brown SM, Martin ET, Monto AS, Khan A, Busse LW, Lohuis CCT, **Duggal A**, Wilson JG, Gordon AJ, Qadir N, Chang SY, Mallow C, Rivas C, Babcock HM, Kwon JH, Exline MC, Lauring AS, Halasa N, Chappell JD, Grijalva CG, Rice TW, Rhoads JP, Jones ID, Stubblefield WB, Baughman A, Womack KN, Lindsell CJ, Hart KW, Zhu Y, Adams K, Patel MM, Tenforde MW; IVY Network Collaborators. Effectiveness of the Ad26.COV2.S (Johnson & Johnson) Coronavirus Disease 2019 (COVID-19) Vaccine for Preventing COVID-19 Hospitalizations and Progression to High Disease Severity in the United States. *Clin Infect Dis*. 2022 Oct 3;75(Supplement_2):S159-S166. doi: 10.1093/cid/ciac439. PMID: 35675695; PMCID: PMC9214149.

Adams K, Rhoads JP, Surie D, Gaglani M, Ginde AA, McNeal T, Talbot HK, Casey JD, Zepeski A, Shapiro NI, Gibbs KW, Files DC, Hager DN, Frosch AE, Exline MC, Mohamed A, Johnson NJ, Steingrub JS, Peltan ID, Brown SM, Martin ET, Lauring AS, Khan A, Busse LW, **Duggal A**, Wilson JG, Chang SY, Mallow C, Kwon JH, Chappell JD, Halasa N, Grijalva CG, Lindsell CJ, Lester SN, Thornburg NJ, Park S, McMorro ML, Patel MM, Tenforde MW, Self WH; Influenza and other Viruses in the AcuteLY ill (IVY) Network. Vaccine effectiveness of primary series and booster doses against covid-19 associated hospital admissions in the United States: living test negative design study. *BMJ*. 2022 Oct 11;379:e072065. doi: 10.1136/bmj-2022-072065. PMID: 36220174; PMCID: PMC9551237.

Rydz AC, **Elefritz JL**, Conroy M, Disney KA, Miller CJ, Porter K, **Doepker BA**. EARLY INITIATION OF VASOPRESSIN REDUCES ORGAN FAILURE AND MORTALITY IN SEPTIC SHOCK. *Shock*. 2022 Oct 1;58(4):269-274. doi: 10.1097/SHK.0000000000001978. Epub 2022 Aug 16. PMID: 36018257.

Counts JP, **Elefritz JL**, Reed EE, Palettas M, Aosse C, Beatty JJ. Risk Factors Associated with Suboptimal Tobramycin Levels in the Medical Intensive Care Unit. *Eur J Drug Metab Pharmacokinet*. 2022 Mar;47(2):271-278. doi: 10.1007/s13318-021-00749-2. Epub 2022 Jan 14. PMID: 35029839.

Cape KM, Jones LG, Weber ML, **Elefritz JL**. Implementation of a Protocol for Peripheral Intravenous Norepinephrine: Does It Save Central Line Insertion, Is It Safe? *J Pharm Pract*. 2022 Jun;35(3):347-351. doi: 10.1177/0897190020977712. Epub 2020 Dec 3. PMID: 33267711.

Johns J, Wahlrab L, **Elefritz JL**. Acutely ill hematology/oncology patients with central-line associated bloodstream infections and the impact of timing of catheter removal on outcomes. *Am J Infect Control*. 2022 Jul;50(7):749-754. doi: 10.1016/j.ajic.2021.10.038. Epub 2021 Nov 12. PMID: 34774897.

John K, Cape K, Goodman L, **Elefritz J**. Impact of the Injectable Opioid Drug Shortage on Analgesia and Sedation Management in the Medical Intensive Care Unit: A Retrospective Cohort Study. *Hosp Pharm*. 2022 Feb;57(1):160-166. doi: 10.1177/0018578721999805. Epub 2021 Mar 5. PMID: 35521025; PMCID: PMC9065538.

Ntiamoah P, **Fawaz A**, Mehta AC, Gildea TR. Tracheobronchial Smooth Muscle Atrophy and Separation. *Am J Respir Crit Care Med*. 2022 Oct 1;206(7):e73. doi: 10.1164/rccm.202202-0258IM. PMID: 35767022.

ICU-RESUS and Eunice Kennedy Shriver National Institute of Child Health; Human Development Collaborative Pediatric Critical Care Research Network Investigator Groups; Sutton RM, Wolfe HA, Reeder RW, Ahmed T, Bishop R,



Bochkoris M, Burns C, Diddle JW, Federman M, **Fernandez R**, Franzon D, Frazier AH, Friess SH, Graham K, Hehir D, Horvat CM, Huard LL, Landis WP, Maa T, Manga A, Morgan RW, Nadkarni VM, Naim MY, Palmer CA, Schneiter C, Sharron MP, Siems A, Srivastava N, Tabbutt S, Tilford B, Viteri S, Berg RA, Bell MJ, Carcillo JA, Carpenter TC, Dean JM, Fink EL, Hall M, McQuillen PS, Meert KL, Mourani PM, Notterman D, Pollack MM, Sapru A, Wessel D, **Yates AR**, Zuppa AF. Effect of Physiologic Point-of-Care Cardiopulmonary Resuscitation Training on Survival With Favorable Neurologic Outcome in Cardiac Arrest in Pediatric ICUs: A Randomized Clinical Trial. *JAMA*. 2022 Mar 8;327(10):934-945. doi: 10.1001/jama.2022.1738. PMID: 35258533; PMCID: PMC8905390.

Bigelow AM, Ball MK, Galantowicz M, **Fernandez RP**, **Gauntt J**, Texter KM. Management of Hypertrophic Cardiomyopathy in a Newborn with Dextro-Transposition of the Great Arteries. *Pediatr Cardiol*. 2022 Apr;43(4):926-929. doi: 10.1007/s00246-022-02874-4. Epub 2022 Mar 21. PMID: 35307751.

Morgan RW, Wolfe HA, Reeder RW, Alvey JS, Frazier AH, Friess SH, Maa T, McQuillen PS, Meert KL, Nadkarni VM, Sharron MP, Siems A, **Yates AR**, Ahmed T, Bell MJ, Bishop R, Bochkoris M, Burns C, Carcillo JA, Carpenter TC, Dean JM, Diddle JW, Federman M, **Fernandez R**, Fink EL, Franzon D, Hall M, Hehir D, Horvat CM, Huard LL, Manga A, Mourani PM, Naim MY, Notterman D, Pollack MM, Sapru A, Schneiter C, Srivastava N, Tabbutt S, Tilford B, Viteri S, Wessel D, Zuppa AF, Berg RA, Sutton RM. The Temporal Association of the COVID-19 Pandemic and Pediatric Cardiopulmonary Resuscitation Quality and Outcomes. *Pediatr Crit Care Med*. 2022 Nov 1;23(11):908-918. doi: 10.1097/PCC.0000000000003073. Epub 2022 Sep 2. PMID: 36053072; PMCID: PMC9624237.

Vaysburg DM, Sisak S, **Frasier LL**. Surgeons' dilemma: Balancing the risks and benefits of audio-video recording. *Surgery*. 2022 Sep;172(3):1031-1032. doi: 10.1016/j.surg.2022.06.001. Epub 2022 Jul 14. PMID: 35842311.

Vaysburg DM, Delman AM, Turner KM, Salvator A, **Frasier LL**. Laparoscopic Appendectomy and Cholecystectomy Timing Predicts Hand-Offs but Not Miscounts. *J Surg Res*. 2022 Dec;280:55-62. doi: 10.1016/j.jss.2022.06.016. Epub 2022 Aug 10. PMID: 35963015.

Brown DJ, **Frasier L**, Robinson FE, Cheney M, Davis WT, Salvator A, Andresen M, Proctor M, Earnest R, Pritts T, Strilka R. Relevance of Deployment Experience and Clinical Practice Characteristics on Military Critical Care Air Transport Team Readiness: A Study of Simulation Construct Validity. *Mil Med*. 2022 May 27;usac142. doi: 10.1093/milmed/usac142. Epub ahead of print. PMID: 35639920.

Gauntt J, Brandt S, Dolan K, Manley J, Tyner R, Beauseau W, Simsic JM. Sustaining Improvements in CLABSI Reduction in a Pediatric Cardiac Intensive Care Unit. *Pediatr Qual Saf*. 2022 Jun 23;7(4):e575. doi: 10.1097/pq9.0000000000000575. PMID: 35765568; PMCID: PMC9225588.

Kang L, **Geube A**. Bladder Trauma. 2022 May 23. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. PMID: 32491798.

Zingg SW, **Gomaa D**, Blakeman TC, Rodriquez D, Salvator A, Goodman MD, Janowak CF. Oxygenation and Respiratory System Compliance Associated With Pulmonary Contusion. *Respir Care*. 2022 Sep;67(9):1100-1108. doi: 10.4187/respcare.09913. Epub 2022 Jun 21. PMID: 35728821.

Gorder K, Henry TD. Coding the COVID patient: Is it futile? *Catheter Cardiovasc Interv*. 2022 Jan 1;99(1):9-10. doi: 10.1002/ccd.30035. PMID: 34994512; PMCID: PMC9015605.

Gorder K, Young W, Kapur NK, Henry TD, Garcia S, Guddeti RR, Smith TD. Mechanical Circulatory Support in COVID-19. *Cardiol Clin*. 2022 Aug;40(3):329-335. doi: 10.1016/j.ccl.2022.03.003. Epub 2022 Mar 25. PMID: 35851456; PMCID: PMC8947976.

Gottula AL, Shaw CR, **Gorder KL**, Lane BH, Latessa J, Qi M, Koshoffer A, Al-Araji R, Young W, Bonomo J, Langabeer JR, Yannopoulos D, Henry TD, Hsu CH, Benoit JL. Eligibility of out-of-hospital cardiac arrest patients for extracorporeal cardiopulmonary resuscitation in the United States: A geographic information system model. *Resuscitation*. 2022 Sep 29;180:111-120. doi: 10.1016/j.resuscitation.2022.09.017. Epub ahead of print. PMID: 36183812.

Harrington J, Duncan G, D'Angelo K, Gable BD. Multidisciplinary Simulation Improves Resident Confidence for Pregnant Patients Requiring Surgical Intervention. *Cureus*. 2022 Mar 24;14(3):e23454. doi: 10.7759/cureus.23454. PMID: 35494927; PMCID: PMC9038506.

McCormick TS, **Hejal RB**, Leal LO, Ghannoum MA. GM-CSF: Orchestrating the Pulmonary Response to Infection. *Front Pharmacol*. 2022 Jan 17;12:735443. doi: 10.3389/fphar.2021.735443. PMID: 35111042; PMCID: PMC8803133.



- Katal S, Eibschutz LS, Radmard AR, Naderpour Z, Gupta A, **Hejal R**, Gholamrezanezhad A. Black Fungus and beyond: COVID-19 associated infections. *Clin Imaging*. 2022 Oct;90:97-109. doi: 10.1016/j.clinimag.2022.07.005. Epub 2022 Jul 23. PMID: 36007282; PMCID: PMC9308173.
- Hill JH**, Kuhlman J 3rd, LaRiccia A, Ngo A 3rd, Hyland SJ, Spalding MC. Nonsteroidal Anti-inflammatory Drugs Are Not Associated With Increased Bleeding in Blunt Solid Organ Injury. *J Trauma Nurs*. 2022 Sep-Oct 01;29(5):235-239. doi: 10.1097/JTN.0000000000000670. PMID: 36095269.
- Sawalha K, Kamdar HA, Gullo T, Okere S, Hamed M, **Hinduja A**, Hussein O. Cardiovascular Predictors of Intracerebral Hematoma Expansion. *J Stroke Cerebrovasc Dis*. 2022 Jul;31(7):106527. doi: 10.1016/j.jstrokecerebrovasdis.2022.106527. Epub 2022 May 3. PMID: 35523053.
- Cereda CW, Bianco G, Mlynash M, Yuen N, Qureshi AY, **Hinduja A**, Dehkharghani S, Goldman-Yassen AE, Hsieh KL, Giurgiutiu DV, Gibson D, Carrera E, Alemseged F, Faizy TD, Fiehler J, Pileggi M, Campbell B, Albers GW, Heit JJ. Perfusion Imaging Predicts Favorable Outcomes after Basilar Artery Thrombectomy. *Ann Neurol*. 2022 Jan;91(1):23-32. doi: 10.1002/ana.26272. Epub 2021 Dec 3. PMID: 34786756.
- Hinduja A**, Gokun Y, Ibekwe E, Senay B, Elmer J. Risk factors for development of cerebral edema following cardiac arrest. *Resuscitation*. 2022 Dec;181:297-303. doi: 10.1016/j.resuscitation.2022.10.013. Epub 2022 Oct 22. PMID: 36280215.
- Kamdar HA, Gianchandani S, Strohm T, Yadav K, Chou CZ, Reed L, Norton K, **Hinduja A**. Collaborative Integration of Palliative Care in Critically Ill Stroke Patients in the Neurocritical Care Unit: A Single Center Pilot Study. *J Stroke Cerebrovasc Dis*. 2022 Aug;31(8):106586. doi: 10.1016/j.jstrokecerebrovasdis.2022.106586. Epub 2022 Jun 3. PMID: 35667164.
- Qiao X, Kashiouris MG, L'Heureux M, Fisher BJ, Leichtle SW, Truwit JD, Nanchal R, **Hite RD**, Morris PE, Martin GS, Sevransky J, Fowler AA. Biological Effects of Intravenous Vitamin C on Neutrophil Extracellular Traps and the Endothelial Glycocalyx in Patients with Sepsis-Induced ARDS. *Nutrients*. 2022 Oct 21;14(20):4415. doi: 10.3390/nu14204415. PMID: 36297099; PMCID: PMC9610384.
- Harpenau TL, Bhatti SN, **Hoffman BM**, Kirsch WB. Impact of extended emergency department stay on antibiotic re-dosing delays and outcomes in sepsis. *Am J Emerg Med*. 2022 May;55:32-37. doi: 10.1016/j.ajem.2022.02.028. Epub 2022 Feb 24. PMID: 35255455.
- Dunham CM, **Huang GS**, Chance EA, Hileman BM. Trauma center risk conditions for blood alcohol-positive and alcohol misuse patients: a retrospective study. *Int J Burns Trauma*. 2022 Aug 15;12(4):149-160. PMID: 36160674; PMCID: PMC9490155.
- Van Aartsen D, Thakur M, Cadnum JL, Alhmidi H, **John AR**, Donskey CJ. Use of cauliflower mosaic virus DNA markers to assess the potential for pathogen transmission from physicians' white coats. *Am J Infect Control*. 2022 Feb;50(2):220-222. doi: 10.1016/j.ajic.2021.10.016. Epub 2021 Oct 24. PMID: 34706223.
- Jose A, Shah SA, Anwar N, **Jones CR**, McCormack FX, Sherman KE, Elwing JM. Predictors of outcomes following liver transplant in hepatopulmonary syndrome: An OPTN database analysis. *Respir Med*. 2021 Dec;190:106683. doi: 10.1016/j.rmed.2021.106683. Epub 2021 Nov 11. PMID: 34784562; PMCID: PMC8671258.
- Jose A, Shah SA, Anwar N, **Jones CR**, Sherman KE, Elwing JM. Pulmonary Vascular Resistance Predicts Mortality and Graft Failure in Transplantation Patients With Portopulmonary Hypertension. *Liver Transpl*. 2021 Dec;27(12):1811-1823. doi: 10.1002/lt.26091. Epub 2021 Jun 29. PMID: 33964116; PMCID: PMC8573056.
- Grossoehme DH, Shaner V, Friebert S, Brown M, Steiner S, **Khandelwal A**, Eickmeyer SW, Teo E, Brown C, **Lou R**. Palliative Care and Burn Care: Empirically-Derived Referral Criteria. *J Burn Care Res*. 2022 May 27;irac073. doi: 10.1093/jbcr/irac073. Epub ahead of print. Erratum in: *J Burn Care Res*. 2022 Oct 19;: PMID: 35639874.
- Khandelwal A**, Lapolla B, Bair T, Grinstead F, Hislop M, Greene C, Bigham MT. Enhanced disinfection with hybrid hydrogen peroxide fogging in a critical care setting. *BMC Infect Dis*. 2022 Sep 29;22(1):758. doi: 10.1186/s12879-022-07704-9. PMID: 36175863; PMCID: PMC9520114.
- Krause C, Kwon E, Luo-Owen X, McArthur K, Cochran-Yu M, Swentek L, Burruss S, Turay D, Grigorian A, Nahmias J, Butt A, Gutierrez A, LaRiccia A, **Kincaid M**, Fiorentino MN, Glass N, Toscano S, Ley E, Lombardo SR, Guillaumondegui OD, Bardes JM, DeLa'O C, Wydo SM, Leneweaver K, Duletzke NT, Nunez J, Moradian S, Posluszny J, Naar L, Kaafarani H, Kemmer H, Lieser MJ, Dorricott A, Chang G, Nemeth Z, Mukherjee K. Dexmedetomidine and paralytic exposure after damage control laparotomy: risk factors for delirium? Results from the EAST SLEEP-TIME



multicenter trial. *Eur J Trauma Emerg Surg.* 2022 Jun;48(3):2097-2105. doi: 10.1007/s00068-021-01813-x. Epub 2021 Nov 22. PMID: 34807273.

Kwon E, Krause C, Luo-Owen X, McArthur K, Cochran-Yu M, Swentek L, Burruss S, Turay D, Krasnoff C, Grigorian A, Nahmias J, Butt A, Gutierrez A, LaRiccia A, **Kincaid M**, Fiorentino M, Glass N, Toscano S, Ley EJ, Lombardo S, Guillamondegui O, Bardes JM, DeLa'O C, Wydo S, Leneweaver K, Duletzke N, Nunez J, Moradian S, Posluszny J, Naar L, Kaafarani H, Kemmer H, Lieser M, Hanson I, Chang G, Bilaniuk JW, Nemeth Z, Mukherjee K. Time is domain: factors affecting primary fascial closure after trauma and non-trauma damage control laparotomy (data from the EAST SLEEP-TIME multicenter registry). *Eur J Trauma Emerg Surg.* 2022 Jun;48(3):2107-2116. doi: 10.1007/s00068-021-01814-w. Epub 2021 Nov 29. PMID: 34845499.

Kopanczyk R, Grieger R, Bozinovski J. Late Presentation of Hypotension After Cardiac Surgery. *Chest.* 2022 Nov;162(5):e273-e275. doi: 10.1016/j.chest.2021.10.053. PMID: 36344137.

Bhardwaj A, Kirincich J, Rampersad P, Soltesz E, **Krishnan S**. Fulminant myocarditis in COVID-19 and favorable outcomes with VA-ECMO. *Resuscitation.* 2022 Jun;175:75-76. doi: 10.1016/j.resuscitation.2022.04.021. Epub 2022 Apr 25. PMID: 35483495; PMCID: PMC9040462.

Hanks J, Unai S, Bribriescio A, Insler S, Yu E, Banzon J, **Mireles-Cabodevila E**, Adi A, Elgharably H, Yun J, **Krishnan S**. Successful treatment of pulmonary mucormycosis (*Lichtheimia* spp.) in a post-partum patient with COVID-19 ARDS requiring extra-corporeal membrane oxygenation using salvage therapy. *Perfusion.* 2022 Aug 17:2676591221111031. doi: 10.1177/02676591221111031. Epub ahead of print. PMID: 35979585; PMCID: PMC9389274.

Flippin JA, DeMario BS, Adomshick VJ, Stanley SP, Truong EI, Hendrickson S, Kalina MA Jr, **Lasinski AM**, Ho VP. Post-Trauma Discharge Instructions: Are We Dropping the Ball? *Am Surg.* 2022 Sep 9:31348221111515. doi: 10.1177/00031348221111515. Epub ahead of print. PMID: 36083613.

Ferre AC, Ho VP, **Lasinski A**, Claridge JA. Content and Accessibility of Surgical Critical Care Fellowship Websites in the United States. *Am Surg.* 2022 Feb 3:31348221074233. doi: 10.1177/00031348221074233. Epub ahead of print. PMID: 35113674.

Baloglu O, **Latifi SQ**, Nazha A. What is machine learning? *Arch Dis Child Educ Pract Ed.* 2022 Oct;107(5):386-388. doi: 10.1136/archdischild-2020-319415. Epub 2021 Feb 8. PMID: 33558304.

Townsend ML, Sadat-Hossieny S, **Latifi SQ**, Boyle G, Phillips A. Temporary Venovenous ECMO for Acute Respiratory Illness in Pediatric Berlin Heart Patient. *World J Pediatr Congenit Heart Surg.* 2022 Jul;13(4):510-511. doi: 10.1177/21501351211062823. Epub 2021 Dec 28. PMID: 34962179.

Ezetendu C, Baloglu O, Othman HF, Nandakumar V, **Latifi S**, Aly H. Stroke in pediatric ECMO patients: analysis of the National Inpatient Sample (NIS) database. *Pediatr Res.* 2022 Sep;92(3):754-761. doi: 10.1038/s41390-022-02088-7. Epub 2022 May 3. PMID: 35505077.

DonaireGarcia A, Dacheppally R, Hanna W, **Latifi SQ**, Agarwal HS. Inhaled nitric oxide therapy for severe hypoxemia in hyperinflated mechanically ventilated bronchiolitis patient. *Respir Med Case Rep.* 2022 Apr 1;37:101643. doi: 10.1016/j.rmcr.2022.101643. PMID: 35402153; PMCID: PMC8987375.

Taber-Hight E, Paramesh A, Neidlinger N, **Lebovitz DJ**, Souter M, Taber T. The Impact of Organ Procurement Injury on Transplant Organ Availability. *Transplant Proc.* 2022 Oct;54(8):2075-2081. doi: 10.1016/j.transproceed.2022.06.008. Epub 2022 Nov 7. PMID: 36357226.

Ghumman GM, Fatima H, Johnston TL, **Leis R**, Khatri V. Gemcitabine-Induced Thrombotic Microangiopathy Managed Conservatively in a Patient of Breast Cancer. *Cureus.* 2022 Aug 26;14(8):e28433. doi: 10.7759/cureus.28433. PMID: 36176826; PMCID: PMC9509686.

Gillis HC, **Lin A**, Jackson K, Stewart C. Postpyloric feeding tube placement at the bedside: Complication rate and impact on length of stay. *Nutr Clin Pract.* 2021 Dec;36(6):1290-1295. doi: 10.1002/ncp.10732. Epub 2021 Jul 10. PMID: 34245472.

Fink EL, Robertson CL, Wainwright MS, Roa JD, **Lovett ME**, Stulce C, Yacoub M, Potera RM, Zivick E, Holloway A, Nagpal A, Wellnitz K, Czech T, Even KM, Brunow de Carvalho W, Rodriguez IS, Schwartz SP, Walker TC, Campos-Miño S, Dervan LA, Geneslaw AS, Sewell TB, Pryce P, Silver WG, Lin JE, Vargas WS, Topjian A, Alcamo AM, McGuire JL, Domínguez Rojas JA, Muñoz JT, Hong SJ, Muller WJ, Doerfler M, Williams CN, Drury K, Bhagat D, Nelson A, Price D, Dapul H, Santos L, Kahoud R, Francoeur C, Appavu B, Williams KP, Agner SC, Walson KH, Rasmussen L, Janas A, Ferrazzano P, Farias-Moeller R, Snooks KC, Chang CH, Yun J, Schober ME; Global Consortium



Study of Neurologic Dysfunction in COVID-19 (GCS-NeuroCOVID) Investigators. Prevalence and Risk Factors of Neurologic Manifestations in Hospitalized Children Diagnosed with Acute SARS-CoV-2 or MIS-C. *Pediatr Neurol*. 2022 Mar;128:33-44. doi: 10.1016/j.pediatrneurol.2021.12.010. Epub 2021 Dec 28. PMID: 35066369; PMCID: PMC8713420.

Lovett ME, O'Brien NF. Transcranial Doppler Ultrasound, a Review for the Pediatric Intensivist. *Children (Basel)*. 2022 May 16;9(5):727. doi: 10.3390/children9050727. PMID: 35626904; PMCID: PMC9171581.

Erklauer JC, Thomas AX, Hong SJ, Appavu BL, Carpenter JL, Chiriboga-Salazar NR, Ferrazzano PA, Goldstein Z, Griffith JL, Williams KP, Kirschen MP, Lidsky K, **Lovett ME**, McLaughlin B, Munoz Pareja JC, Murphy S, O'Donnell W, Riviello JJ, Schober ME, Topjian AA, Wainwright MS, Simon DW, Pediatric Neurocritical Care Research Group. A Virtual Community of Practice: An International Educational Series in Pediatric Neurocritical Care. *Children (Basel)*. 2022 Jul 20;9(7):1086. doi: 10.3390/children9071086. PMID: 35884070; PMCID: PMC9316633.

Kirschen MP, LaRovere K, Balakrishnan B, Erklauer J, Francoeur C, Ganesan SL, Jayakar A, **Lovett M**, Luchette M, Press CA, Wolf M, Ferrazzano P, Wainwright MS, Appavu B; Pediatric Neurocritical Care Research Group (PNCRG). A Survey of Neuromonitoring Practices in North American Pediatric Intensive Care Units. *Pediatr Neurol*. 2022 Jan;126:125-130. doi: 10.1016/j.pediatrneurol.2021.11.002. Epub 2021 Nov 12. PMID: 34864306; PMCID: PMC9135309.

Williams CN, Hall TA, Francoeur C, Kurz J, Rasmussen L, Hartman ME, O'meara AI, Ferguson NM, Fink EL, Walker T, Drury K, Carpenter JL, Erklauer J, Press C, Wainwright MS, **Lovett M**, Dapul H, Murphy S, Risen S, Guerriero RM, Woodruff A, Williams KP; PEDIATRIC NEUROCRITICAL CARE RESEARCH GROUP (PNCRG).. Continuing Care For Critically Ill Children Beyond Hospital Discharge: Current State of Follow-up. *Hosp Pediatr*. 2022 Apr 1;12(4):359-393. doi: 10.1542/hpeds.2021-006464. PMID: 35314865; PMCID: PMC9182716.

Lovett ME, Daniel M, Keesari R, MacDonald J, Rodriguez V, Muszynski J, Sribnick EA, O'Brien NF, Ayad O. Catheter-associated deep vein thrombosis in children with severe traumatic brain injury: A single-center experience. *Pediatr Blood Cancer*. 2023 Jan;70(1):e30044. doi: 10.1002/pbc.30044. Epub 2022 Oct 17. PMID: 36250988.

Brenneman R, Mostafavifar L, **Magrum B**, Eiferman D, McLaughlin E, Brower K. Comparing Opioid Usage in Non-Intensive Care Unit Trauma Patients After Implementing Multimodal Analgesia Order Sets. *J Surg Res*. 2022 Sep;277:76-83. doi: 10.1016/j.jss.2022.03.015. Epub 2022 Apr 22. PMID: 35468404.

Maholtz DE, **Riley CL**. Screening for Social Needs in Critically Ill Patients: Addressing More Than Health Conditions. *Pediatr Crit Care Med*. 2022 Nov 1;23(11):e541-e542. doi: 10.1097/PCC.0000000000003067. Epub 2022 Nov 3. PMID: 36326466.

Neubauer S, DelloStritto DJ, Capal N, Hotrum A, Henn L, **Marchand T**. Venovenous extracorporeal membrane oxygenation experience in a community level I trauma center. *Perfusion*. 2022 Mar 2;2676591211059743. doi: 10.1177/02676591211059743. Epub ahead of print. PMID: 35236185.

Marchand TD, Dunham CM, Chance EA, Hileman BM. Trauma center admission risk conditions and the probability for developing alcohol withdrawal syndrome: A retrospective study. *Injury*. 2023 Jan;54(1):198-206. doi: 10.1016/j.injury.2022.08.072. Epub 2022 Sep 3. PMID: 36096958.

Bhatt AB, Lantin-Hermoso MR, Daniels CJ, Jaquiss R, Landis BJ, **Marino BS**, Rathod RH, Vincent RN, Keller BB, Villafane J. Isolated Coarctation of the Aorta: Current Concepts and Perspectives. *Front Cardiovasc Med*. 2022 May 25;9:817866. doi: 10.3389/fcvm.2022.817866. PMID: 35694677; PMCID: PMC9174545.

Ortinou CM, Smyser CD, Arthur L, Gordon EE, Heydarian HC, Wolovits J, Nedrelov J, **Marino BS**, Levy VY. Optimizing Neurodevelopmental Outcomes in Neonates With Congenital Heart Disease. *Pediatrics*. 2022 Nov 1;150(Suppl 2):e2022056415L. doi: 10.1542/peds.2022-056415L. PMID: 36317967.

Amdani S, **Marino BS**, Rossano J, Lopez R, Schold JD, Tang WHW. Burden of Pediatric Heart Failure in the United States. *J Am Coll Cardiol*. 2022 May 17;79(19):1917-1928. doi: 10.1016/j.jacc.2022.03.336. PMID: 35550689.

Mercer-Rosa L, Fogel MA, Wei ZA, Trusty PM, Tree M, Tang E, Restrepo M, Whitehead KK, Cassidy A, Paridon SM, Yoganathan A, **Marino BS**. Fontan Geometry and Hemodynamics Are Associated With Quality of Life in Adolescents and Young Adults. *Ann Thorac Surg*. 2022 Sep;114(3):841-847. doi: 10.1016/j.athoracsur.2022.01.017. Epub 2022 Feb 1. PMID: 35120878; PMCID: PMC9528566.



- O'Halloran CP, Robinson JD, Watanabe K, Zumpf KB, Petito LC, **Marino BS**, Johnson JT. Magnetic Resonance Imaging in Pediatric Myocarditis: Trends and Associations With Cost and Outcome. *JACC Cardiovasc Imaging*. 2022 Jul;15(7):1230-1238. doi: 10.1016/j.jcmg.2022.03.023. Epub 2022 May 11. PMID: 35798399.
- Horak RV, Bai S, **Marino BS**, Werho DK, Rhodes LA, Costello JM, Cabrera AG, Cooper DS, Tan Y, Tabbutt S, Krawczeski CD. Workforce demographics and unit structure in paediatric cardiac critical care in the United States. *Cardiol Young*. 2022 Oct;32(10):1628-1632. doi: 10.1017/S1047951121004753. Epub 2021 Dec 3. PMID: 34857058.
- Lisanti AJ, Golfenshtein N, **Marino BS**, Huang L, Hanlon AL, Lozano AJ, Curley MAQ, Medoff-Cooper B. Quality of Life of Mothers of Infants Subjected to Neonatal Cardiac Surgery: The Importance of Psychosocial Factors. *World J Pediatr Congenit Heart Surg*. 2022 May;13(3):324-331. doi: 10.1177/21501351221088832. PMID: 35446209; PMCID: PMC9286064.
- Sadat-Hossieny S, Karamlou T, **Marino BS**, Gossett JG, Schumacher K, Patel A, Worley S, Alsaied T, Amdani S. Contemporary Provider Management Practices and Attitudes Toward Referral for Advanced Heart Failure Therapies in Fontan Patients Across North America. *J Card Fail*. 2022 Apr;28(4):576-587. doi: 10.1016/j.cardfail.2021.10.016. Epub 2021 Dec 9. PMID: 34991953.
- Smetana KS**, Counts J, Sodhi A, May CC. Review of Target-Specific Anticoagulation Reversal Agents. *Crit Care Nurs Q*. 2022 Apr-Jun 01;45(2):180-188. doi: 10.1097/CNQ.0000000000000400. PMID: 35212657.
- May CC**, Atyia SA, Hafford AJ, **Smetana KS**. Clinical Advanced Pharmacy Practice Experience Rotations During COVID-19: Evaluation of a Transition to Virtual Learning. *J Pharm Pract*. 2022 Apr 6:8971900221087116. doi: 10.1177/08971900221087116. Epub ahead of print. PMID: 35387511; PMCID: PMC9001055.
- May CC**, Harris EA, Hannawi Y, **Smetana KS**. Evaluation of energy intake compared with indirect calorimetry requirements in critically ill patients with acute brain injury. *JPEN J Parenter Enteral Nutr*. 2022 Jul;46(5):1176-1182. doi: 10.1002/jpen.2282. Epub 2021 Nov 9. PMID: 34665471.
- May CC**, Cua S, **Smetana KS**, Powers CJ. Supraprophylactic Anti-Factor Xa Levels Are Associated with Major Bleeding in Neurosurgery Patients Receiving Prophylactic Enoxaparin. *World Neurosurg*. 2022 Jan;157:e357-e363. doi: 10.1016/j.wneu.2021.10.087. Epub 2021 Oct 14. PMID: 34655821.
- Seth A, Mittal E, Luan J, Kolla S, **Mazer MB**, Joshi H, Gupta R, Rathi P, Wang Z, Morrissey JJ, Ernst JD, Portal-Celhay C, Morley SC, Philips JA, Singamaneni S. High-resolution imaging of protein secretion at the single-cell level using plasmon-enhanced FluoroDOT assay. *Cell Rep Methods*. 2022 Aug 5;2(8):100267. doi: 10.1016/j.crmeth.2022.100267. PMID: 36046626; PMCID: PMC9421537.
- Krishnan K, **Miller AK**, Reiter K, Bonner-Jackson A. Neurocognitive Profiles in Patients With Persisting Cognitive Symptoms Associated With COVID-19. *Arch Clin Neuropsychol*. 2022 May 16;37(4):729-737. doi: 10.1093/arclin/acac004. PMID: 35136912; PMCID: PMC8903427.
- Ibarra-Estrada MÁ, **Mireles-Cabodevila E**, García-Salas Y, López-Pulgarín JA, Chávez-Peña Q, García-Salcido R, Mijangos-Méndez JC, Aguirre-Avalos G. The authors reply. *Crit Care Med*. 2022 Apr 1;50(4):e411-e412. doi: 10.1097/CCM.0000000000005458. PMID: 35139040; PMCID: PMC8923274.
- Ibarra-Estrada M, **Mireles-Cabodevila E**, García-Salas Y, Sandoval-Plascencia L, Ortiz-Macías IX, Mijangos-Méndez JC, López-Pulgarín JA, Chávez-Peña Q, Aguirre-Avalos G. The authors reply. *Crit Care Med*. 2022 Nov 1;50(11):e794-e795. doi: 10.1097/CCM.0000000000005649. Epub 2022 Oct 13. PMID: 36227047; PMCID: PMC9555551.
- Ibarra-Estrada MÁ, García-Salas Y, **Mireles-Cabodevila E**, López-Pulgarín JA, Chávez-Peña Q, García-Salcido R, Mijangos-Méndez JC, Aguirre-Avalos G. Use of Airway Pressure Release Ventilation in Patients With Acute Respiratory Failure Due to COVID-19: Results of a Single-Center Randomized Controlled Trial. *Crit Care Med*. 2022 Apr 1;50(4):586-594. doi: 10.1097/CCM.0000000000005312. PMID: 34593706; PMCID: PMC8923279.
- Mireles-Cabodevila E**, Abreu MG. Classification and Quantification of Patient-Ventilator Interactions: We Need Consensus! *Respir Care*. 2022 May;67(5):620-623. doi: 10.4187/respcare.10114. PMID: 35473853.
- Ibarra-Estrada M, **Mireles-Cabodevila E**, García-Salas Y, Sandoval-Plascencia L, Hernández-Lugo D, Mijangos-Méndez JC, López-Pulgarín JA, Chávez-Peña Q, Aguirre-Avalos G. The authors reply. *Crit Care Med*. 2022 Dec 1;50(12):e814-e816. doi: 10.1097/CCM.0000000000005697. Epub 2022 Nov 17. PMID: 36394411; PMCID: PMC9668364.



Wong AI, Kim H, Charpignon ML, Carvalho L, Monares-Zepeda E, Madushani RWMA, Adhikari L, Kindle RD, Kutner M, Celi LA, Lough ME, **Mireles-Cabodevila E**. A Method to Explore Variations of Ventilator-Associated Event Surveillance Definitions in Large Critical Care Databases in the United States. *Crit Care Explor*. 2022 Nov 15;4(11):e0790. doi: 10.1097/CCE.0000000000000790. PMID: 36406886; PMCID: PMC9668560.

Self WH, Wheeler AP, Stewart TG, Schragger H, Mallada J, Thomas CB, Cataldo VD, O'Neal HR Jr, Shapiro NI, Higgins C, Ginde AA, Chauhan L, Johnson NJ, Henning DJ, Jaiswal SJ, Mammen MJ, Harris ES, **Pannu SR**, Laguio-Vila M, El Atrouni W, de Wit M, Hoda D, Cohn CS, McWilliams C, Shanholtz C, Jones AE, Raval JS, **Mucha S**, Ipe TS, Qiao X, Schrantz SJ, Shenoy A, Fremont RD, Brady EJ, Carnahan RH, Chappell JD, Crowe JE Jr, Denison MR, Gilchuk P, Stevens LJ, Sutton RE, Thomsen I, Yoder SM, Bistran-Hall AJ, Casey JD, Lindsell CJ, Wang L, Pulley JM, Rhoads JP, Bernard GR, Rice TW; Passive Immunity Trial for Our Nation (PassITON) Investigators. Neutralizing COVID-19 Convalescent Plasma in Adults Hospitalized With COVID-19: A Blinded, Randomized, Placebo-Controlled Trial. *Chest*. 2022 Nov;162(5):982-994. doi: 10.1016/j.chest.2022.06.029. Epub 2022 Jul 1. PMID: 35780813; PMCID: PMC9247217.

Newell B, Wirick N, Rigelsky F, Migal K. Implementation of a Pharmacist Monitoring Process for Patients on QTc Prolonging Antibiotics: A Pilot Study. *Hosp Pharm*. 2021 Dec;56(6):772-776. doi: 10.1177/0018578720965429. Epub 2020 Oct 20. PMID: 34732937; PMCID: PMC8559040.

Chima J, Mullaguri N, Fan T, George P, **Newey CR**. Cyproheptadine in the treatment of reversible cerebral vasoconstriction syndrome. *Acta Neurol Belg*. 2021 Dec;121(6):1871-1874. doi: 10.1007/s13760-020-01487-z. Epub 2020 Sep 8. PMID: 32895901.

Elliott B, **Newey C**, Alcorn K, McCoy L. Confusion in a 22-year-old woman, and diagnostic uncertainty. *Cleve Clin J Med*. 2022 Oct 3;89(10):589-595. doi: 10.3949/ccjm.89a.20176. PMID: 36192021.

Punia V, Ellison L, Bena J, Chandan P, Sivaraju A, George P, **Newey CR**, Hantus S. Acute epileptiform abnormalities are the primary predictors of post-stroke epilepsy: a matched, case-control study. *Ann Clin Transl Neurol*. 2022 Apr;9(4):558-563. doi: 10.1002/acn3.51534. Epub 2022 Mar 3. PMID: 35243824; PMCID: PMC8994977.

Punia V, Burgess R, **Newey CR**, Hantus S. Seizure Risk in Patients Undergoing 30-Day Readmission After Continuous EEG Monitoring. *J Clin Neurophysiol*. 2022 Mar 1;39(3):216-221. doi: 10.1097/WNP.0000000000000759. PMID: 32732497.

Amin M, **Newey C**, Punia V, Hantus S, Nazha A. Personalized model to predict seizures based on dynamic and static continuous EEG monitoring data. *Epilepsy Behav*. 2022 Oct;135:108906. doi: 10.1016/j.yebeh.2022.108906. Epub 2022 Sep 9. PMID: 36095873.

Van Skike CE, Baer DG, Spalding MC, **Radomski M**. Complete and Partial Resuscitative Endovascular Balloon Occlusion of the Aorta for Hemorrhagic Shock. *J Vis Exp*. 2022 May 19;(183). doi: 10.3791/63767. PMID: 35661097.

Mallat J, **Rahman N**, Hamed F, Hernandez G, Fischer MO. Pathophysiology, mechanisms, and managements of tissue hypoxia. *Anaesth Crit Care Pain Med*. 2022 Aug;41(4):101087. doi: 10.1016/j.accpm.2022.101087. Epub 2022 Apr 21. PMID: 35462083.

Abidi E, El Nekidy WS, Alefishat E, **Rahman N**, Petroianu GA, El-Lababidi R, Mallat J. Tocilizumab and COVID-19: Timing of Administration and Efficacy. *Front Pharmacol*. 2022 Feb 18;13:825749. doi: 10.3389/fphar.2022.825749. PMID: 35250575; PMCID: PMC8894855.

El Nekidy WS, Shatnawei A, Abdelsalam MM, Hassan M, Dajani RZ, Salem N, St John TJL, **Rahman N**, Hamed F, Mallat J. Hypertriglyceridemia in Critically Ill Patients With SARS-CoV-2 Infection. *Ann Pharmacother*. 2022 Jun;56(6):637-644. doi: 10.1177/10600280211038302. Epub 2021 Sep 1. PMID: 34470517.

Mallat J, Fischer MO, Granier M, Vinsonneau C, Jonard M, Mahjoub Y, Baghdadi FA, Préau S, Poher F, Rebet O, Bouhemad B, Lemyze M, Marzouk M, Besnier E, Hamed F, **Rahman N**, Abou-Arab O, Guinot PG. Passive leg raising-induced changes in pulse pressure variation to assess fluid responsiveness in mechanically ventilated patients: a multicentre prospective observational study. *Br J Anaesth*. 2022 Sep;129(3):308-316. doi: 10.1016/j.bja.2022.04.031. Epub 2022 Jul 14. PMID: 35842352.

Chapleau RR, **Regn DD**. Integrating the precision, sleep, and aerospace medicine fields: a systematic review of the genetic predisposition for obstructive sleep apnea in military aviation. *Sleep Breath*. 2022 Jun;26(2):505-512. doi: 10.1007/s11325-021-02427-8. Epub 2021 Jul 7. PMID: 34231084.



Chapleau RR, **Regn DD**, de Castro MJ. Surveying the Genomic Landscape Supporting the Development of Precision Military Aerospace Medicine. *Aerosp Med Hum Perform.* 2022 Feb 1;93(2):89-93. doi: 10.3357/AMHP.5929.2022. PMID: 35105425.

Riley C, Roy B. Riley and Roy Respond. *Am J Public Health.* 2022 Oct;112(10):e2-e3. doi: 10.2105/AJPH.2022.307007. PMID: 36103700; PMCID: PMC9480464.

Riley C, Roy B, Lam V, Lawson K, Nakano L, Sun J, Contreras E, Hamar B, Herrin J. Can a collective-impact initiative improve well-being in three US communities? Findings from a prospective repeated cross-sectional study. *BMJ Open.* 2021 Dec 22;11(12):e048378. doi: 10.1136/bmjopen-2020-048378. PMID: 34937711; PMCID: PMC8704973.

Trinidad S, Brokamp C, Sahay R, Moody S, Gardner D, Parsons AA, **Riley C**, Sofer N, Beck AF, Falcone RA, Kotagal M. Children from disadvantaged neighborhoods experience disproportionate injury from interpersonal violence. *J Pediatr Surg.* 2022 Jun 9:S0022-3468(22)00384-0. doi: 10.1016/j.jpedsurg.2022.05.023. Epub ahead of print. PMID: 35787891.

Trinidad S, Vancil A, Brokamp C, Moody S, Gardner D, Parsons AA, **Riley C**, Sahay R, Sofer N, Beck AF, Falcone RA Jr, Kotagal M. Relationships between socioeconomic deprivation and pediatric firearm-related injury at the neighborhood level. *J Trauma Acute Care Surg.* 2022 Sep 1;93(3):283-290. doi: 10.1097/TA.0000000000003679. Epub 2022 May 12. PMID: 35546249.

Riley C, Herrin J, Lam V, Parsons AA, Kaplan GA, Liu D, Witters D, Krumholz HM, Roy B. Trends and Variation in the Gap Between Current and Anticipated Life Satisfaction in the United States, 2008-2020. *Am J Public Health.* 2022 Mar;112(3):509-517. doi: 10.2105/AJPH.2021.306589. PMID: 35196041; PMCID: PMC8887183.

Straszewski T, Ross CA, **Riley C**, Roy B, Stiefel MC. Testing the added value of self-reported health and well-being in understanding healthcare utilization and costs. *Qual Life Res.* 2022 Nov;31(11):3189-3199. doi: 10.1007/s11136-022-03168-1. Epub 2022 Jun 23. PMID: 35737207.

Caraballo C, Mahajan S, Valero-Elizondo J, Massey D, Lu Y, Roy B, **Riley C**, Annapureddy AR, Murugiah K, Elumn J, Nasir K, Nunez-Smith M, Forman HP, Jackson CL, Herrin J, Krumholz HM. Evaluation of Temporal Trends in Racial and Ethnic Disparities in Sleep Duration Among US Adults, 2004-2018. *JAMA Netw Open.* 2022 Apr 1;5(4):e226385. doi: 10.1001/jamanetworkopen.2022.6385. PMID: 35389500; PMCID: PMC8990329.

Caraballo C, Ndumele CD, Roy B, Lu Y, **Riley C**, Herrin J, Krumholz HM. Trends in Racial and Ethnic Disparities in Barriers to Timely Medical Care Among Adults in the US, 1999 to 2018. *JAMA Health Forum.* 2022 Oct 7;3(10):e223856. doi: 10.1001/jamahealthforum.2022.3856. PMID: 36306118; PMCID: PMC9617175.

Forrester JD, Bukur M, Dvorak JE, Faliks B, Hindin D, Kartiko S, Kheirbek T, Lin L, Manasa M, Martin TJ, Miskimins R, Patel B, Pieracci FM, **Ritter KA**, Schubl SD, Tung J, Huston JM. Surgical Infection Society: Chest Wall Injury Society Recommendations for Antibiotic Use during Surgical Stabilization of Traumatic Rib or Sternal Fractures to Reduce Risk of Implant Infection. *Surg Infect (Larchmt).* 2022 May;23(4):321-331. doi: 10.1089/sur.2022.025. PMID: 35522129.

Robertson JO, Erzurum SC, Asosingh K. Pathological Roles for Endothelial Colony-Forming Cells in Neonatal and Adult Lung Disease. *Am J Respir Cell Mol Biol.* 2023 Jan;68(1):13-22. doi: 10.1165/rcmb.2022-0318PS. PMID: 36215049; PMCID: PMC9817912.

DiFiore JW, **Robertson JO**, Chhabada S, DeRoss AL, Hossain MS, Rincon-Cruz L, Sung W. Next day discharge after the Nuss procedure using intercostal nerve cryoablation, intercostal nerve blocks, and a perioperative ERAS pain protocol. *J Pediatr Surg.* 2022 Feb;57(2):213-218. doi: 10.1016/j.jpedsurg.2021.10.034. Epub 2021 Oct 30. PMID: 34823843.

Caputo R, **Rozycki A**, McClain M, Sobhanie MM, Coe K, Colburn N, Wardlow L. Clinical Outcomes with Ertapenem for Pneumonia in Obese versus Nonobese Patients. *Antimicrob Agents Chemother.* 2022 Jan 18;66(1):e0132521. doi: 10.1128/AAC.01325-21. Epub 2021 Oct 25. PMID: 34694873; PMCID: PMC8765228.

Ammar MA, Ammar AA, Wieruszewski PM, Bissell BD, T Long M, Albert L, Khanna AK, **Sacha GL**. Timing of vasoactive agents and corticosteroid initiation in septic shock. *Ann Intensive Care.* 2022 May 30;12(1):47. doi: 10.1186/s13613-022-01021-9. PMID: 35644899; PMCID: PMC9148864.

Sacha GL, Wang L, Bauer SR. The authors reply. *Crit Care Med.* 2022 Oct 1;50(10):e776-e777. doi: 10.1097/CCM.0000000000005643. Epub 2022 Sep 12. PMID: 36106978.

Sacha GL, Kiser TH, Wright GC, Vandivier RW, Moss M, Burnham EL, Ho PM, Reynolds PM, Bauer SR. Association Between Vasopressin Rebranding and Utilization in Patients With Septic Shock. *Crit Care Med.* 2022 Apr 1;50(4):644-654. doi: 10.1097/CCM.0000000000005305. PMID: 34605778.



- Quinn NJ, **Sacha GL**, Wanek MR, Yerke J, Srinivas P, Hohlfelder B. Determinants of Vancomycin Trough Concentration in Patients Receiving Continuous Venovenous Hemodialysis. *Ann Pharmacother.* 2022 Oct;56(10):1133-1138. doi: 10.1177/10600280211073370. Epub 2022 Feb 8. PMID: 35130750.
- Walk CT, **Semon GR**. Novel repair of costal margin rupture with preoperative 3D planning. *Trauma Surg Acute Care Open.* 2022 Sep 29;7(1):e001001. doi: 10.1136/tsaco-2022-001001. PMID: 36199430; PMCID: PMC9528719.
- Samuels JM, Carmichael H, McIntyre R Jr, Urban S, Ballow S, Dirks RC, Spalding MC, LaRiccica A, Farrell MS, Stein DM, Truitt MS, Grossman Verner HM, Mentzer CJ, Mack TJ, Ball CG, Mukherjee K, Mladenov G, Haase DJ, Abdou H, Schroepel TJ, Rodriguez J, Nahmias J, Tay E, Bala M, Keric N, Crigger M, Dhillon NK, Ley EJ, Egodage T, Williamson J, Cardenas TC, Eugene V, Patel K, Costello K, Bonne S, Elgammal FS, Dorlac W, Pederson C, Burlew CC, Werner NL, Haan JM, Lightwine K, **Semon G**, Spoor K, Velopulos C, Harmon LA. An Observation-First Strategy For Liver Injuries With 'Blush' On CT Is Safe And Effective. *J Trauma Acute Care Surg.* 2022 Sep 23. doi: 10.1097/TA.0000000000003786. Epub ahead of print. PMID: 36149844.
- Walk CT, Ross A, Kranker L, Whitmill M, Ballester M, Parikh PP, **Semon G**, Ekeh AP. The Oregon District Shooting: Reviewing the Pre-Hospital Protocols and the Role of the Resident During a Multiple Casualty Event. *Am Surg.* 2022 Jul 8:31348221114044. doi: 10.1177/00031348221114044. Epub ahead of print. PMID: 35802891.
- Prins JTH, Van Lieshout EMM, Ali-Osman F, Bauman ZM, Caragounis EC, Choi J, Christie DB 3rd, Cole PA, DeVoe WB, Doben AR, Eriksson EA, Forrester JD, Fraser DR, Gontarz B, Hardman C, Hyatt DG, Kaye AJ, Ko HJ, Leasia KN, Leon S, Marasco SF, McNickle AG, Nowack T, Ogunleye TD, Priya P, Richman AP, Schlanser V, **Semon GR**, Su YH, Verhofstad MHJ, Whitis J, Pieracci FM, Wijffels MME. Surgical stabilization versus nonoperative treatment for flail and non-flail rib fracture patterns in patients with traumatic brain injury. *Eur J Trauma Emerg Surg.* 2022 Aug;48(4):3327-3338. doi: 10.1007/s00068-022-01906-1. Epub 2022 Feb 22. PMID: 35192003; PMCID: PMC9360098.
- Robbins J, El Hassan I, **Siebenburgen C**. Evaluation and Treatment of GI Bleeding in a 51-Year-Old Man. *Gastroenterology.* 2022 Dec;163(6):1498-1501. doi: 10.1053/j.gastro.2022.06.030. Epub 2022 Jun 16. PMID: 35718224.
- Blevins AJ, Repas SJ, Alexander BM, **Siebenburgen C**. Blunt traumatic coronary artery dissection: A case study. *Trauma Case Rep.* 2021 Dec 23;37:100594. doi: 10.1016/j.tcr.2021.100594. PMID: 35028357; PMCID: PMC8739455.
- Gorji L, Narayanan R, **Siebenburgen C**. Blunt cerebrovascular injury of cervical and petrous ICA with stroke: A case study. *Trauma Case Rep.* 2022 Mar 21;39:100637. doi: 10.1016/j.tcr.2022.100637. PMID: 35360003; PMCID: PMC8961236.
- Gragossian A, **Siuba MT**. Acute Respiratory Distress Syndrome. *Emerg Med Clin North Am.* 2022 Aug;40(3):459-472. doi: 10.1016/j.emc.2022.05.002. Epub 2022 May 10. PMID: 35953211; PMCID: PMC9085508.
- Rech MA, Gurnani PK, Peppard WJ, **Smetana KS**, Van Berkel MA, Hammond DA, Flannery AH. Pharmacist Avoidance or Reductions in Medical Costs in CRITically Ill Adults: PHARM-CRIT Study. *Crit Care Explor.* 2021 Dec 10;3(12):e0594. doi: 10.1097/CCE.0000000000000594. PMID: 34913039; PMCID: PMC8668016.
- Mainali S, Darsie ME, **Smetana KS**. Machine Learning in Action: Stroke Diagnosis and Outcome Prediction. *Front Neurol.* 2021 Dec 6;12:734345. doi: 10.3389/fneur.2021.734345. PMID: 34938254; PMCID: PMC8685212.
- Hammonds WM, Keating EA, Smetana ME, **Smetana KS**, Bond MM. Safety and Efficacy of Urea for Hyponatremia. *Hosp Pharm.* 2022 Jun;57(3):365-369. doi: 10.1177/00185787211037548. Epub 2021 Aug 5. PMID: 35615479; PMCID: PMC9125116.
- McManus J, Ferreira J, Jones GM, **Smetana KS**, Smith Condeni M, Berger K, Witenko C, Smotherman C, Gautam S, Pizzi MA, Erdman MJ. Effect of desmopressin acetate on acute spontaneous intracranial hemorrhage in patients on antiplatelet therapy. *J Neurol Sci.* 2022 Mar 15;434:120142. doi: 10.1016/j.jns.2022.120142. Epub 2022 Jan 6. PMID: 35081458.
- Hanna ME, Marco CA, Seitz N, Repas SJ, Harrington M, House DL, Le TN, **Sorensen D**. Access to primary care among emergency department patients. *Am J Emerg Med.* 2022 Oct;60:204-206. doi: 10.1016/j.ajem.2022.06.047. Epub 2022 Jun 30. PMID: 35840461.
- Davis WT, Medellin KL, Cutright JE, Arana AA, Strilka R, **Sorensen D**, Maddry JK, Savell SC, Ng PC. Hemodynamic events during en route critical care for patients with traumatic brain injury. *J Trauma Acute Care Surg.* 2022 Aug 1;93(2S Suppl 1):S41-S48. doi: 10.1097/TA.0000000000003654. Epub 2022 Apr 21. PMID: 35444151.



- Davis WT, Ng PC, Medellin KL, Cutright JE, Araña AA, Strilka RJ, **Sorensen DM**, Maddry JK. Association of Hypocalcemia With Mortality of Combat Casualties With Brain Injury and Polytrauma Transported by Critical Care Air Transport Teams. *Mil Med.* 2022 Feb 17;usac029. doi: 10.1093/milmed/usac029. Epub ahead of print. PMID: 35253064.
- Ahuja S, **Speicher D**, Toltzis P. 50 Years Ago in *TheJournalofPediatrics*: Adding Precision to Hemorrhage Control. *J Pediatr.* 2022 Feb;241:202. doi: 10.1016/j.jpeds.2021.11.028. PMID: 35067284.
- Garrett A, **Stahl DL**. Anesthesia Breathing Systems. 2022 Oct 5. In: *StatPearls* [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. PMID: 34662017.
- Stahl DL**, Matthews LJ. Caring for Parturients with Substance Use Disorders. *Anesthesiol Clin.* 2021 Dec;39(4):761-777. doi: 10.1016/j.anclin.2021.08.006. PMID: 34776108.
- Ma'ayeh M, Mashburn S, Graves S, Costantine MM, **Stahl DL**, Rood KM. Peripheral and uterine blood viscoelastic testing parameters during postpartum hemorrhage. *J Perinat Med.* 2021 Nov 26;50(1):110-112. doi: 10.1515/jpm-2021-0294. PMID: 34837489.
- Eid J, **Stahl D**, Costantine MM, Rood KM. Oxygen saturation in pregnant individuals with COVID-19: time for re-appraisal? *Am J Obstet Gynecol.* 2022 Jun;226(6):813-816. doi: 10.1016/j.ajog.2021.12.023. Epub 2021 Dec 16. PMID: 34922921; PMCID: PMC8675122.
- Eid J, **Stahl D**, Rood KM. Challenges in maintaining oxygen saturation in pregnant individuals residing in low- and middle-income countries: a response. *Am J Obstet Gynecol.* 2022 Oct 27:S0002-9378(22)00823-7. doi: 10.1016/j.ajog.2022.10.018. Epub ahead of print. PMID: 36309309; PMCID: PMC9605780.
- Owusu-Bediako K, Pfaff K, Tram NK, **Stahl DL**, Tobias JD, Nafiu OO, Mpody C. Association of Severe Obesity and Chronic Obstructive Pulmonary Disease With Pneumonia Following Non-Cardiac Surgery. *J Clin Med Res.* 2022 Jun;14(6):237-243. doi: 10.14740/jocmr4741. Epub 2022 Jun 27. PMID: 35836727; PMCID: PMC9275437.
- de Castro REV, Rodríguez-Rubio M, de Magalhães-Barbosa MC, Prata-Barbosa A, Holbrook J, Kamat P, **Stormorken A**. A review of key strategies to address the shortage of analgesics and sedatives in pediatric intensive care. *Front Pediatr.* 2022 Aug 30;10:895541. doi: 10.3389/fped.2022.895541. PMID: 36110118; PMCID: PMC9468272.
- McCloskey CG, Dimza CT, **Stull MJ**. Peer coaching increases emergency medicine faculty ability to perform and teach awake fiberoptic intubation. *AEM Educ Train.* 2021 Dec 2;5(4):e10705. doi: 10.1002/aet2.10705. PMID: 34901687; PMCID: PMC8637870.
- Ijaz H, **Stull M**, McDonough E, Paulsen R, Hill J. A behaviorally anchored assessment tool for bedside teaching in the emergency department. *AEM Educ Train.* 2022 Aug 11;6(4):e10789. doi: 10.1002/aet2.10789. PMID: 35979341; PMCID: PMC9366581.
- Bjornstad EC, Cutter G, Guru P, Menon S, Aldana I, House S, M Tofil N, St Hill CA, **Tarabichi Y**, Banner-Goodspeed VM, Christie AB, Mohan SK, Sanghavi D, Mosier JM, Vadgaonkar G, Walkey AJ, Kashyap R, Kumar VK, Bansal V, Boman K, Sharma M, Bogojevic M, Deo N, Retford L, Gajic O, Gist KM; SCCM Discovery VIRUS Investigators Group. SARS-CoV-2 infection increases risk of acute kidney injury in a bimodal age distribution. *BMC Nephrol.* 2022 Feb 11;23(1):63. doi: 10.1186/s12882-022-02681-2. PMID: 35144572; PMCID: PMC8831033.
- Alkilany R, **Tarabichi Y**, Hong R. Telemedicine Visits During COVID-19 Improved Clinic Show Rates. *ACR Open Rheumatol.* 2022 Feb;4(2):136-141. doi: 10.1002/acr2.11372. Epub 2021 Nov 17. PMID: 34786877; PMCID: PMC8653077.
- Raeisi-Giglou P, Jabri A, Shahreri Z, Sallam S, Alhuneafat L, Al-Abdoh A, Mhanna M, Kumar A, Abu Omar Y, Yousaf A, **Tarabichi Y**, Siraj A, Margolius D, Kondapaneni M. Disparities in the Prescription of Statins in the Primary Care Setting: A Retrospective Observational Study. *Curr Probl Cardiol.* 2022 Nov;47(11):101329. doi: 10.1016/j.cpcardiol.2022.101329. Epub 2022 Jul 20. PMID: 35870548.
- Hossain R, Ayub S, **Tarabichi Y**. Monocyte distribution width adds prognostic value in detection of COVID-19 respiratory failure. *Int J Lab Hematol.* 2022 Apr;44(2):e64-e66. doi: 10.1111/ijlh.13712. Epub 2021 Sep 29. PMID: 34590430; PMCID: PMC8652943.
- Hossain R, Zhao F, Michenkova M, Kaelber D, **Tarabichi Y**. Trends in racial disparities of emergency department utilization for asthma in coronavirus disease 2019. *Ann Allergy Asthma Immunol.* 2022 Jan;128(1):95-97. doi: 10.1016/j.anai.2021.10.010. Epub 2021 Oct 12. PMID: 34653604; PMCID: PMC8506577.



- Tarabichi Y**, Thornton JD. Re: Inaccuracies in electronic health records smoking data and a potential approach to address resulting underestimation in determining lung cancer screening eligibility. *J Am Med Inform Assoc.* 2022 Aug 16;29(9):1654. doi: 10.1093/jamia/ocac118. PMID: 35822414; PMCID: PMC9382384.
- Wang C, Siff J, Greco PJ, **Warren E**, Thornton JD, **Tarabichi Y**. The Impact of an Electronic Health Record Intervention on Spirometry Completion in Patients with Chronic Obstructive Pulmonary Disease. *COPD.* 2022;19(1):142-148. doi: 10.1080/15412555.2022.2049736. PMID: 35392743; PMCID: PMC9202241.
- Lal A, Garces JPD, Bansal V, Tekin A, Zec S, Khanna AK, Warner MA, Christie AB, Cartin-Ceba R, Banner-Goodspeed VM, Armaignac DL, Cheruku SR, Raju U, **Tarabichi Y**, Denson JL, Kumar V, Walkey A, Boman K, Deo N, Kashyap R, Gajic O; from the Society of Critical Care Medicine Discovery Viral Infection, Respiratory Illness Universal Study (VIRUS): COVID-19 Registry Investigator Group. Pre-hospital Aspirin Use and Patient Outcomes in COVID-19: Results from the International Viral Infection and Respiratory Illness Universal Study (VIRUS). *Arch Bronconeumol.* 2022 Nov;58(11):746-753. doi: 10.1016/j.arbres.2022.07.017. Epub 2022 Sep 8. PMID: 36153214; PMCID: PMC9451929.
- Butt MU, Okumus N, Jabri A, Thomas C, **Tarabichi Y**, Karim S. Early Versus Late Catheter Ablation of Atrial Fibrillation and Risk of Permanent Pacemaker Implantation in Patients With Underlying Sinus Node Dysfunction. *J Am Heart Assoc.* 2022 Sep 6;11(17):e023333. doi: 10.1161/JAHA.121.023333. Epub 2022 Sep 3. PMID: 35535620; PMCID: PMC9496447.
- Cervantes-Arslanian AM, Venkata C, Anand P, Burns JD, Ong CJ, LeMahieu AM, Schulte PJ, Singh TD, Rabinstein AA, Deo N, Bansal V, Boman K, Domecq Garces JP, Lee Armaignac D, Christie AB, Melamed RR, **Tarabichi Y**, Cheruku SR, Khanna AK, Denson JL, Banner-Goodspeed VM, Anderson HL 3rd, Gajic O, Kumar VK, Walkey A, Kashyap R. Neurologic Manifestations of Severe Acute Respiratory Syndrome Coronavirus 2 Infection in Hospitalized Patients During the First Year of the COVID-19 Pandemic. *Crit Care Explor.* 2022 Apr 25;4(4):e0686. doi: 10.1097/CCE.0000000000000686. PMID: 35492258; PMCID: PMC9042584.
- Bogojevic M, Bansal V, Pattan V, Singh R, Tekin A, Sharma M, La Nou AT, LeMahieu AM, Hanson AC, Schulte PJ, Deo N, Qamar S, Zec S, Valencia Morales DJ, Perkins N, Kaufman M, Denson JL, Melamed R, Banner-Goodspeed VM, Christie AB, **Tarabichi Y**, Heavner S, Kumar VK, Walkey AJ, Gajic O, Bhagra S, Kashyap R, Lal A, Domecq JP; Society of Critical Care Medicine (SCCM) Discovery Viral Infection and Respiratory Illness Universal Study (VIRUS): COVID-19 Registry Investigator Group. Association of hypothyroidism with outcomes in hospitalized adults with COVID-19: Results from the International SCCM Discovery Viral Infection and Respiratory Illness Universal Study (VIRUS): COVID-19 Registry. *Clin Endocrinol (Oxf).* 2022 Feb 18;10.1111/cen.14699. doi: 10.1111/cen.14699. Epub ahead of print. PMID: 35180316; PMCID: PMC9111656.
- Tarabichi Y**, Cheng A, Bar-Shain D, McCrate BM, Reese LH, Emerman C, Siff J, Wang C, Kaelber DC, Watts B, Hecker MT. Improving Timeliness of Antibiotic Administration Using a Provider and Pharmacist Facing Sepsis Early Warning System in the Emergency Department Setting: A Randomized Controlled Quality Improvement Initiative. *Crit Care Med.* 2022 Mar 1;50(3):418-427. doi: 10.1097/CCM.0000000000005267. PMID: 34415866.
- Taylor EC**, Fitzpatrick CE, Thompson SE, Justice SB. Acute Traumatic Spinal Cord Injury. *Adv Emerg Nurs J.* 2022 Oct-Dec 01;44(4):272-280. doi: 10.1097/TME.0000000000000428. PMID: 36269807.
- Gill P, Patel A, **Van Hook JW**. Uterine Atony. 2022 Jul 5. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. PMID: 29630290.
- Gill P, Lende MN, **Van Hook JW**. Twin Births. 2022 Oct 13. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. PMID: 29630252.
- Gill P, Tamirisa AP, **Van Hook JW**. Acute Eclampsia. 2022 Aug 9. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. PMID: 29083632.
- Gill P, Lende MN, **Van Hook JW**. Induction of Labor. 2022 May 11. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. PMID: 29083625.
- Gill P, Henning JM, Van Hook JW. Abnormal Labor. 2022 May 11. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. PMID: 29083834.
- Gill P, Henning JM, **Van Hook JW**, Haddad LM. Abnormal Labor (Nursing). 2022 May 11. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. PMID: 33760560.



Zoorob D, Richardson K, Gaishauer K, Hinkel B, Moussa HN, **Hook JV**, Maxwell RA. Do medical student mental stress and burnout vary with virtual versus in-person residency interviews. *Future Sci OA*. 2021 Oct 22;7(10):FSO752. doi: 10.2144/fsoa-2021-0046. PMID: 34840809; PMCID: PMC8609980.

Dubin R, **Veith JM**, Grippi MA, McPeake J, Harhay MO, Mikkelsen ME. Functional Outcomes, Goals, and Goal Attainment among Chronically Critically Ill Long-Term Acute Care Hospital Patients. *Ann Am Thorac Soc*. 2021 Dec;18(12):2041-2048. doi: 10.1513/AnnalsATS.202011-1412OC. PMID: 33984248; PMCID: PMC8641806.

Walusimbi M, Dossa AY, Faryar K, Markert RJ, McCarthy MC. Upper Extremity Deep Venous Thrombosis Risk Factors, Associated Morbidity and Mortality in Trauma Patients. *World J Surg*. 2022 Mar;46(3):561-567. doi: 10.1007/s00268-021-06383-y. Epub 2022 Jan 3. PMID: 34981151.

Joseph B, Saljuqi AT, Amos JD, Teichman A, **Whitmill ML**, Anand T, Hosseinpour H, Burruss SK, Dunn JA, Najafi K, Godat LN, Ennis TM, Shoultz TH, Egodage T, Bongiovanni T, Hazelton JP, Colling KP, Costantini TW, Stein DM, Schroepfel TJ, Nahmias J; AAST Frailty MIT Study Group. Prospective validation and application of the Trauma-Specific Frailty Index: Results of an American Association for the Surgery of Trauma multi-institutional observational trial. *J Trauma Acute Care Surg*. 2023 Jan 1;94(1):36-44. doi: 10.1097/TA.0000000000003817. Epub 2022 Oct 17. PMID: 36279368.

Czaja MP, Kraus CK, Phyo S, Olivieri P, Mederos DR, Puente I, Mohammed S, Berkeley RP, Slattery D, Gildea TH, Hardman C, Palmer B, **Whitmill ML**, Aluyen U, Pinnow JM, Young A, Eastin CD, Kester NM, Works KR, Pfeffer AN, Keller AW, Tobias A, Li B, Yorkgitis B, Saadat S, Langdorf MI. Injury Characteristics, Outcomes, and Health Care Services Use Associated With Nonfatal Injuries Sustained in Mass Shootings in the US, 2012-2019. *JAMA Netw Open*. 2022 May 2;5(5):e2213737. doi: 10.1001/jamanetworkopen.2022.13737. PMID: 35622366; PMCID: PMC9142871.

Yates AR, Berger JT, Reeder RW, Banks R, Mourani PM, Berg RA, Carcillo JA, Carpenter T, Hall MW, Meert KL, McQuillen PS, Pollack MM, Sapru A, Notterman DA, Holubkov R, Dean JM, Wessel DL; Eunice Kennedy Shriver National Institute of Child Health and Human Development Collaborative Pediatric Critical Care Research Network. Characterization of Inhaled Nitric Oxide Use for Cardiac Indications in Pediatric Patients. *Pediatr Crit Care Med*. 2022 Apr 1;23(4):245-254. doi: 10.1097/PCC.0000000000002917. Epub 2022 Feb 23. PMID: 35200229; PMCID: PMC9058189.

Cloyd C, Wysocki EL, Johnson H, Miller JC, Davis J, Galantowicz M, **Yates AR**. Post-operative Anticoagulation Strategy Following Comprehensive Stage 2 Procedure for Single Ventricle Physiology. *Pediatr Cardiol*. 2022 Oct;43(7):1517-1521. doi: 10.1007/s00246-022-02877-1. Epub 2022 Mar 26. PMID: 35347349.

Cashen K, Reeder RW, Ahmed T, Bell MJ, Berg RA, Burns C, Carcillo JA, Carpenter TC, Dean JM, Diddle JW, Federman M, Fink EL, Frazier AH, Friess SH, Graham K, Hall M, Hehir DA, Horvat CM, Huard LL, Maa T, Manga A, McQuillen PS, Morgan RW, Mourani PM, Nadkarni VM, Naim MY, Notterman D, Palmer CA, Pollack MM, Schreiner C, Sharron MP, Srivastava N, Wessel D, Wolfe HA, **Yates AR**, Zuppa AF, Sutton RM, Meert KL; for the Eunice Kennedy Shriver National Institute of Child Health and Human Development Collaborative Pediatric Critical Care Research Network (CPCCRN) and National Heart Lung and Blood Institute ICU-RESUSCitation Project Investigators. Sodium Bicarbonate Use During Pediatric Cardiopulmonary Resuscitation: A Secondary Analysis of the ICU-RESUSCitation Project Trial. *Pediatr Crit Care Med*. 2022 Oct 1;23(10):784-792. doi: 10.1097/PCC.0000000000003045. Epub 2022 Jul 26. PMID: 35880872; PMCID: PMC9529841.

Young AJ, Kaufman E, Hare A, Subramanian M, Keating J, Byrne J, Helkin A, Scantling D, Poliner D, Sims C. Using State Data to Predict a Single Institution Mortality for Patients That Fall. *J Surg Res*. 2021 Dec;268:540-545. doi: 10.1016/j.jss.2021.07.035. Epub 2021 Aug 28. PMID: 34464891.

Lauerman M, Esposito E, Spalding C, Simpson J, Dunn JA, Zier L, Burruss S, Kim P, Jacobson LE, Williams J, Nahmias J, Grigorian A, Harmon L, Gergen A, Chatoor M, Rattan R, **Young AJ**, Pascual JL, Murry J, Ong AW, Muller A, Sandhu RS, Appelbaum R, Bugaev N, Tatar A, Zreik K, Lieser MJ, Scalea TM, Stein DM. Endovascular Intervention in Internal Carotid Artery Blunt Cerebrovascular Injury: An EAST Multicenter Study. *Am Surg*. 2022 Aug;88(8):1962-1969. doi: 10.1177/00031348221078958. Epub 2022 Apr 18. PMID: 35437020.

Esposito EC, Kufera JA, Wolff TW, Spalding MC, Simpson J, Dunn JA, Zier L, Burruss S, Kim P, Jacobson LE, Williams J, Nahmias J, Grigorian A, Harmon L, Gergen A, Chatoor M, Rattan R, **Young AJ**, Pascual JL, Murry J, Ong AW, Muller A, Sandhu RS, Appelbaum R, Bugaev N, Tatar A, Zreik K, Hustad L, Lieser MJ, Stein DM, Scalea TM, Lauerman MH. Factors associated with stroke formation in blunt cerebrovascular injury: An EAST multicenter study. *J Trauma Acute Care Surg*. 2022 Feb 1;92(2):347-354. doi: 10.1097/TA.0000000000003455. PMID: 34739003.



Appelbaum RD, Esposito E, Spaulding MC, Simpson JP, Dunn J, Zier LB, Burruss S, Kim PP, Jacobson LE, Williams JM, Nahmias J, Grigorian A, Harmon L, Gergen AK, Chatoor M, Rattan R, **Young AJ**, Pascual JL, Murry J, Ong AW, Muller A, Sandhu RS, Bugaev N, Tatar A, Zreik K, Lieser MJ, Stein DM, Scalea TM, Lauerman MH. Does treatment delay for blunt cerebrovascular injury affect stroke rate?: An EAST multicenter study. *Injury*. 2022 Nov;53(11):3702-3708. doi: 10.1016/j.injury.2022.08.043. Epub 2022 Aug 18. PMID: 36085175.

Tracy BM, Poulouse BK, Paterson CW, Mendoza AE, Gaitanidis A, Saxe JM, **Young AJ**, Zielinski MD, Sims CA, Gelbard RB; EAST Retained Common Bile Duct Stones Study Group. National adherence to the ASGE-SAGES guidelines for managing suspected choledocholithiasis: An EAST multicenter study. *J Trauma Acute Care Surg*. 2022 Feb 1;92(2):305-312. doi: 10.1097/TA.0000000000003466. PMID: 34813581.

Yang S, Esposito E, Spalding C, Simpson J, Dunn JA, Zier L, Burruss S, Kim P, Jacobson LE, Williams J, Nahmias J, Grigorian A, Harmon L, Gergen A, Chatoor M, Rattan R, **Young AJ**, Pascual JL, Murry J, Ong AW, Muller A, Sandhu RS, Appelbaum R, Bugaev N, Tatar A, Zreik K, Lieser MJ, Scalea TM, Stein DM, Lauerman M. Grade 1 Internal Carotid Artery Blunt Cerebrovascular Injury Persistence Risks Stroke With Current Management: An EAST Multicenter Study. *Am Surg*. 2022 Jun 1:31348221082277. doi: 10.1177/00031348221082277. Epub ahead of print. PMID: 35652129.

Zaidi MA, Christenson CR. Critical Care Management of Surgical Patients with Heart Failure or Left Ventricular Assist Devices: A Brief Overview. *Surg Clin North Am*. 2022 Feb;102(1):85-104. doi: 10.1016/j.suc.2021.09.002. PMID: 34800391.

Karnib M, Haraf R, Tashtish N, **Zanath E**, Elshazly T, Garcia RA, Billings S, Fetros M, Bradigan A, Zacharias M, Abu-Omar Y, Elgudin Y, Pelletier M, Al-Kindi S, Lytle F, ElAmm C. MELD score is predictive of 90-day mortality after veno-arterial extracorporeal membrane oxygenation support. *Int J Artif Organs*. 2022 Apr;45(4):404-411. doi: 10.1177/03913988211054865. Epub 2021 Oct 26. PMID: 34702105.

