

May Publications 2023 – General Surgery Residents

1. **Barrio M**, Raeburn CD, McIntyre R , Jr, Albuja-Cruz M, Haugen BR, Pozdeyev N. Computer-Assisted Levothyroxine Dose Selection for the Treatment of Postoperative Hypothyroidism. *Thyroid*. 2023 May;33(5):547-555. doi: 10.1089/thy.2023.0033. Epub 2023 Apr 20. PMID: 37084246.
2. **Bakhtiyar SS**, Sakowitz S, Verma A, Richardson S, Curry J, Chervu NL, Blumberg J, Benharash P. Postoperative length of stay following kidney transplantation in patients without delayed graft function-An analysis of center-level variation and patient outcomes. *Clin Transplant*. 2023 May 1:e15000. doi: 10.1111/ctr.15000. Epub ahead of print. PMID: 37126410.
3. Chervu N, Mabeza RM, Kronen E, Sakowitz S, **Bakhtiyar SS**, Hadaya J, Benharash P. Contemporary association of preoperative malnutrition and outcomes of hiatal hernia repairs in the United States. *Surgery*. 2023 May 20:S0039-6060(23)00188-5. doi: 10.1016/j.surg.2023.04.013. Epub ahead of print. PMID: 37217387.
4. Chervu NL, Vadlakonda A, Ascandar N, Kronen E, **Bakhtiyar SS**, Cho NY, Benharash P. Comparison of Postoperative Outcomes, Costs, and Readmission Between Total and Subtotal Cholecystectomy. *Am Surg*. 2023 May 9:31348231175145. doi: 10.1177/00031348231175145. Epub ahead of print. PMID: 37160792.
5. Cho NY, Tran Z, **Bakhtiyar SS**, Orellana M, Kronen E, Bowens N, Benharash P. Factors Associated With Early Amputation in Patients With Chronic Limb Threatening Ischemia. *Am Surg*. 2023 May 22:31348231177945. doi: 10.1177/00031348231177945. Epub ahead of print. PMID: 37212353.
6. Cralley AL, Moore EE, Dubose J, Brenner ML, Schaid TR, **DeBot M**, Cohen M, Silliman C, Fox C, Sauaia A. OUTCOMES FOLLOWING ZONE 3 AND ZONE 1 AORTIC OCCLUSION FOR THE TREATMENT OF BLUNT PELVIC INJURIES. *Shock*. 2023 May 1;59(5):685-690. doi: 10.1097/SHK.0000000000002098. Epub 2023 Feb 22. PMID: 36802216; PMCID: PMC10121845.

7. Cralley AL, Moore EE, Sauaia A, Carani PH, **Schaid TR Jr, DeBot M**, Fragoso M, Ghasabian A, Hansen K, Cohen MJ, Silliman CC, Fox CJ. REBOA for the Treatment of Blast Polytrauma: Zone 3 Provides Cerebral Perfusion, Attenuates Organ Dysfunction and Reperfusion Coagulopathy Compared to Zone 1 in a Swine Model. *J Trauma Acute Care Surg*. 2023 May 1;94(5):718-724. doi: 10.1097/TA.0000000000003894. Epub 2023 Feb 6. PMID: 36749658; PMCID: PMC10133017.

8. **Dyas AR**, Bronsert MR, Henderson WG, **Stuart CM**, Pradhan N, Colborn KL, Cleveland JC Jr, Meguid RA. A comparison of the national surgical quality improvement program and the society of thoracic surgery cardiac surgery preoperative risk models: A cohort study. *Int J Surg*. 2023 May 19. doi: 10.1097/JS9.0000000000000490. Epub ahead of print. PMID: 37204450.

9. Ebrahimian S, **Bakhtiyar SS**, Verma A, Williamson C, Sakowitz S, Ali K, Chervu NL, Sanaiha Y, Benharash P. Evaluation of hospital readmission rates as a quality metric in adult cardiac surgery. *Heart*. 2023 May 31;heartjnl-2023-322671. doi: 10.1136/heartjnl-2023-322671. Epub ahead of print. PMID: 37258097.

10. Higa KC, Mayer K, Quinn C, Jubina L, **Suarez-Pierre A**, Colborn K, Jolley SE, Enfield K, Zwischenberger J, Sevin CM, Rove JY. Sounding the Alarm: What Clinicians Need to Know about Physical, Emotional and Cognitive Recovery After Venoarterial Extracorporeal Membrane Oxygenation. *Crit Care Med*. 2023 May 1. doi: 10.1097/CCM.0000000000005900. Epub ahead of print. PMID: 37163480.

11. Hunt AR, **Stuart CM, Gergen AK**, Bang TJ, Reihman AE, Helmkamp LJ, Lin Y, Mitchell JD, Meguid RA, Scott CD, Wojcik BM. Long-Term Patient Reported Symptom Improvement and Quality of Life after Transthoracic Diaphragm Plication in Adults. *J Am Coll Surg*. 2023 May 17. doi: 10.1097/XCS.0000000000000762. Epub ahead of print. PMID: 37194947.

12. Ignacio RC Jr, Kelley-Quon LI, Ourshalimian S, Padilla BE, Jensen AR, Shew SB, Lofberg KM, Smith CA, Roach JP, Pandya SR, Russell KW, Wang K; Western Pediatric Surgery Research Consortium Choledocholithiasis Investigative Group. Pediatric DUCT Score: A Highly Specific Predictive Model for Choledocholithiasis in Children. *J Am Coll Surg*. 2023 May 1;236(5):961-970. doi: 10.1097/XCS.0000000000000650. Epub 2023 Feb 14. PMID: 36786471. (**Peace, Alyssa E**)

- 13. Iguidbashian JP**, King RW, **Carroll AM**, **Cotton JL**, **Stuart C**, Fullerton DA, Meguid RA, Suarez-Pierre A. Conditional Survival in Lung Transplantation: An Organ Procurement and Transplantation Network Database Analysis. *ASAIO J*. 2023 May 16. doi: 10.1097/MAT.0000000000001975. Epub ahead of print. PMID: 37191472.
- 14. Kirsch MJ**, Mangham C, Lin Y. GlobalSurgBox: A Portable Surgical Simulator for Surgical Trainees Worldwide. *J Surg Educ*. 2023 May;80(5):720-725. doi: 10.1016/j.jsurg.2023.01.012. Epub 2023 Feb 14. PMID: 36797147.
- 15.** Madsen HJ, Gillette RA, Colborn KL, Henderson WG, **Dyas AR**, Bronsert MR, Lambert-Kerzner A, Meguid RA. The association between obesity and postoperative outcomes in a broad surgical population: A 7-year American College of Surgeons National Surgical Quality Improvement analysis. *Surgery*. 2023 May;173(5):1213-1219. doi: 10.1016/j.surg.2023.02.001. Epub 2023 Mar 3. PMID: 36872175.
- 16.** Mason EM, Henderson WG, Bronsert MR, Colborn KL, **Dyas AR**, Madsen HJ, Lambert-Kerzner A, Meguid RA. Preoperative Prediction of Unplanned Reoperation in a Broad Surgical Population. *J Surg Res*. 2023 May;285:1-12. doi: 10.1016/j.jss.2022.12.016. Epub 2023 Jan 12. PMID: 36640606; PMCID: PMC9975057.
- 17.** Mason EM, Henderson WG, Bronsert MR, Colborn KL, **Dyas AR**, Lambert-Kerzner A, Meguid RA. Development and validation of a multivariable preoperative prediction model for postoperative length of stay in a broad inpatient surgical population. *Surgery*. 2023 May 4:S0039-6060(23)00113-7. doi: 10.1016/j.surg.2023.02.024. Epub ahead of print. PMID: 37149424.
- 18.** Moore HB, Saben J, Rodriguez I, Bababekov YJ, Pomposelli JJ, **Yoeli D**, Ferrell T, Adams MA, Pshak TJ, Kaplan B, Pomfret EA, Nydam TL. Postoperative fibrinolytic resistance is associated with early allograft dysfunction in liver transplantation: a prospective observational study. *Liver Transpl*. 2023 May 19. doi: 10.1097/LVT.0000000000000075. Epub ahead of print. PMID: 36749288.

- 19. Moyer AM**, Vogel JD, Lai SH, Kim H, Chin RI, Moskalenko M, Olsen JR, Birnbaum EH, Silveira ML, Mutch MG, Chapman BC. Total Neoadjuvant Therapy in Rectal Cancer: Multi-center Comparison of Induction Chemotherapy and Long-Course Chemoradiation Versus Short-Course Radiation and Consolidative Chemotherapy. *J Gastrointest Surg.* 2023 May;27(5):980-989. doi: 10.1007/s11605-023-05601-3. Epub 2023 Feb 9. PMID: 36759387.
- 20.** Ng AP, **Bakhtiyar SS**, Verma A, Richardson S, Kronen E, Darbinian K, Mabeza R, Yetasook A, Benharash P. Cost Variation in Bariatric Surgery Across the United States. *Am Surg.* 2023 May 19:31348231177937. doi: 10.1177/00031348231177937. Epub ahead of print. PMID: 37203440.
- 21.** Reppucci ML, Nolan MM, Cooper E, **Gallagher LT**, Diaz-Miron J, Somme S, Soden J, Gumer L, Acker SN. Pneumatosis Intestinalis in Children With Intestinal Failure: The Result of Intestinal Stress From Enteral Feeding? *J Pediatr Gastroenterol Nutr.* 2023 May 1;76(5):560-565. doi: 10.1097/MPG.0000000000003737. Epub 2023 Feb 16. PMID: 36800285.
- 22.** Sakowitz S, **Bakhtiyar SS**, Kim S, Ali K, Verma A, Chervu N, Sanaiha Y, Benharash P. Acute Outcomes of Cardiac Operations in Patients With Autoimmune Disorders: A National Analysis. *Am Surg.* 2023 May 12:31348231175484. doi: 10.1177/00031348231175484. Epub ahead of print. PMID: 37170846.
- 23.** Sakowitz S, **Bakhtiyar SS**, Sareh S, Ali K, Verma A, Chervu N, Sanaiha Y, Benharash P. Acute clinical and financial outcomes of on- versus off-pump coronary artery bypass grafting in octogenarians. *Surgery.* 2023 May 16:S0039-6060(23)00168-X. doi: 10.1016/j.surg.2023.03.022. Epub ahead of print. PMID: 37202306.
- 24.** Sakowitz S, Mabeza RM, **Bakhtiyar SS**, Verma A, Ebrahimian S, Vadlakonda A, Revels S, Benharash P. Acute clinical and financial outcomes of esophagectomy at safety-net hospitals in the United States. *PLoS One.* 2023 May 24;18(5):e0285502. doi: 10.1371/journal.pone.0285502. PMID: 37224136; PMCID: PMC10208475.

25. Salomon JD, Qiu H, Feng D, Owens J, Khailova L, Osorio Lujan S, **Iguidbashian J**, Chhonker YS, Murry DJ, Riethoven JJ, Lindsey ML, Singh AB, Davidson JA. Piglet cardiopulmonary bypass induces intestinal dysbiosis and barrier dysfunction associated with systemic inflammation. *Dis Model Mech*. 2023 May 1;16(5):dmm049742. doi: 10.1242/dmm.049742. Epub 2023 Jan 12. PMID: 36426663; PMCID: PMC9844230.
26. Sugawara T, Rodriguez Franco S, Franklin O, **Kirsch MJ**, Colborn K, Del Chiaro M, Schulick RD. Management of Localized Small and Large Cell Pancreatic Neuroendocrine Carcinoma in the National Cancer Database. *J Am Coll Surg*. 2023 May 5. doi: 10.1097/XCS.0000000000000735. Epub ahead of print. PMID: 37146214.
27. Sugawara T, Rodriguez Franco S, Sherman S, **Torphy RJ**, Colborn K, Franklin O, Ishida J, Grandi S, Al-Musawi MH, Gleisner A, Schulick RD, Del Chiaro M. Neoadjuvant Chemotherapy versus Upfront Surgery for Resectable Pancreatic Adenocarcinoma: An Updated Nationwide Study. *Ann Surg*. 2023 May 25. doi: 10.1097/SLA.00000000000005925. Epub ahead of print. PMID: 37226812.
28. Usenko O, Khomiak I, **Khomiak A**, Malik A, Kropelnyskyi V, Krol M. Duodenum-preserving pancreatic head resection or pancreatoduodenectomy for the surgical treatment of paraduodenal pancreatitis: a retrospective cohort study. *Langenbecks Arch Surg*. 2023 May 4;408(1):178. doi: 10.1007/s00423-023-02917-1. PMID: 37140631.
29. Verma A, Branche C, Chervu NL, Sakowitz S, **Bakhtiyar SS**, Hadaya J, Benharash P. Dementia is Associated With Inferior Outcomes Following Emergency General Surgery. *Am Surg*. 2023 May 3;31348231175447. doi: 10.1177/00031348231175447. Epub ahead of print. PMID: 37132661.
30. Verma A, Williamson CG, **Bakhtiyar SS**, Hadaya J, Hekking T, Kronen E, Si MS, Benharash P. Center-Level Variation in Failure to Rescue Following Pediatric Cardiac Surgery. *Ann Thorac Surg*. 2023 May 12:S0003-4975(23)00495-2. doi: 10.1016/j.athoracsur.2023.05.001. Epub ahead of print. PMID: 37182822.
31. **Vemuru S**, Tevis SE. ASO Author Reflections: In Which Patients Should We Coordinate Breast Surgery and Bilateral Salpingo-oophorectomy? *Ann Surg Oncol*. 2023 May 20. doi: 10.1245/s10434-023-13673-3. Epub ahead of print. PMID: 37210449.

- 32. Vemuru S**, Huang J, Colborn K, Yoon Y, **Huynh V**, **Leonard L**, Ahrendt G, Christian N, Afghahi A, McLemore L, Sams S, Tevis S. Clinical implications of receptor conversions in breast cancer patients who have undergone neoadjuvant chemotherapy. *Breast Cancer Res Treat.* 2023 Jul;200(2):247-256. doi: 10.1007/s10549-023-06978-0. Epub 2023 May 26. PMID: 37233961.
- 33. Yoeli D**, Adams MA, Pomfret EA. The current landscape of pediatric living donor liver transplantation in the United States: Benefits, challenges, and future directions. *Clin Liver Dis (Hoboken).* 2023 May 8;21(4):107-110. doi: 10.1097/CLD.0000000000000036. PMID: 37197222; PMCID: PMC10184998.