

September Publications 2023 - General Surgery Resident

1. **Abbitt D**, Netsanet A, Kovar A, **Choy K**, Jones TS, Cassell B, Hammad H, Reveille RM, Wikel KJ, Jones EL. Losing weight to achieve joint or hernia surgery: is the intragastric balloon the answer? *Surg Endosc*. 2023 Sep;37(9):7212-7217. doi: 10.1007/s00464-023-10209-4. Epub 2023 Jun 26. PMID: 37365392.
2. Alder C, Bronsert MR, Meguid RA, **Stuart CM**, **Dyas AR**, Colborn KL, Henderson WG. Preoperative risk factors and postoperative complications associated with mortality after outpatient surgery in a broad surgical population: an analysis of 2.8 million ACS-NSQIP patients. *Surgery*. 2023 Sep;174(3):631-637. doi: 10.1016/j.surg.2023.04.048. Epub 2023 Jun 7. PMID: 37290998.
3. Ascandar N, Chervu N, **Bakhtiyar SS**, Cho NY, Kim S, Orellana M, Benharash P. Clinical and financial outcomes of hospitalizations for cardiac device infection during the COVID-19 pandemic in the US. *PLoS One*. 2023 Sep 20;18(9):e0291774. doi: 10.1371/journal.pone.0291774. PMID: 37729193; PMCID: PMC10511080.
4. **Bakhtiyar SS**, Sakowitz S, Ali K, Chervu NL, Verma A, Si MS, D'Alessandro D, Benharash P. Survival After Cardiac Transplantation in Adults With Single-Ventricle Congenital Heart Disease. *J Am Coll Cardiol*. 2023 Sep 19;82(12):1226-1241. doi: 10.1016/j.jacc.2023.06.037. PMID: 37704313.
5. **Bakhtiyar SS**, Sakowitz S, Verma A, Chervu NL, Benharash P. Expanded Criteria Donor Heart Allograft Utilization: National Trends and Outcomes. *Ann Thorac Surg*. 2023 Sep 20:S0003-4975(23)00964-5. doi: 10.1016/j.athoracsur.2023.09.013. Epub ahead of print. PMID: 37739111.
6. **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 Sep;37(9):e15000. doi: 10.1111/ctr.15000. Epub 2023 May 1. PMID: 37126410.
7. **Carroll AM**, King RW, Ghincea CV, Aftab M, Reece TB. Spinal cord protection for thoracoabdominal aortic aneurysm repair: from bench to bedside. *Ann Cardiothorac Surg*. 2023 Sep 28;12(5):438-449. doi: 10.21037/acs-2023-scp-08. Epub 2023 May 15. PMID: 37817853; PMCID: PMC10561340.
8. **Dyas AR**, **Carmichael H**, Bronsert MR, **Stuart CM**, **Garofalo DM**, Henderson WG, Colborn KL, Schulick RD, Meguid RA, Velopulos CG. Social vulnerability is associated with higher risk-adjusted rates of postoperative complications in a broad surgical population. *Am J Surg*. 2023 Sep 23:S0002-9610(23)00484-1. doi: 10.1016/j.amjsurg.2023.09.028. Epub ahead of print. PMID: 37775458.

9. **Dyas AR**, Kelleher AD, Cumbler EU, Barker AR, McCabe KO, Bata KE, Abrams BA, Randhawa SK, Mitchell JD, Meguid RA. Quality Review Committee Audit Improves Thoracic Enhanced Recovery After Surgery Protocol Compliance. *J Surg Res.* 2023 Sep 27;293:144-151. doi: 10.1016/j.jss.2023.08.022. Epub ahead of print. PMID: 37774591.
10. 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 Sep 13;109(19):1460-1466. doi: 10.1136/heartjnl-2023-322671. PMID: 37258097.
11. Furtado Neves PJ, Kao LS, **Simioni A**, Malgor EA, Jacobs DL, Malgor RD. Hybrid aortobrachial bypass for a giant subclavian and axillary artery aneurysm in a Marfan patient. *J Vasc Surg Cases Innov Tech.* 2023 May 9;9(3):101210. doi: 10.1016/j.jvscit.2023.101210. PMID: 37388671; PMCID: PMC10300396.
12. Furtado Neves PJ, **Simioni A**, Govsyeyev N, Kao LS, Malgor EA, Malgor RD. Total ilio caval chronic occlusion recanalization and double barrel stenting across bilateral renal veins. *J Vasc Surg Cases Innov Tech.* 2023 Jul 1;9(3):101253. doi: 10.1016/j.jvscit.2023.101253. PMID: 37662574; PMCID: PMC10474459.
13. **Gergen AK, Stuart CM**, Byers S, Vigneshwar N, Madsen H, Johnson J, Oase K, Garduno N, Marsh M, Pratap A, Mitchell JD, David EA, Randhawa S, Meguid RA, McCarter MD, Stewart CL. ASO Visual Abstract: Prospective Evaluation of a Universally Applied Laparoscopic Gastric Ischemic Preconditioning Protocol Prior to Esophagectomy with Comparison to Historical Controls. *Ann Surg Oncol.* 2023 Sep;30(9):5828-5829. doi: 10.1245/s10434-023-13796-7. PMID: 37355517.
14. **Gergen AK, Stuart CM**, Byers S, Vigneshwar N, Madsen H, Johnson J, Oase K, Garduno N, Marsh M, Pratap A, Mitchell JD, David EA, Randhawa S, Meguid RA, McCarter MD, Stewart CL. Prospective Evaluation of a Universally Applied Laparoscopic Gastric Ischemic Preconditioning Protocol Prior to Esophagectomy with Comparison with Historical Controls. *Ann Surg Oncol.* 2023 Sep;30(9):5815-5825. doi: 10.1245/s10434-023-13689-9. Epub 2023 Jun 7. PMID: 37285095.
15. 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 Sep 1;51(9):1234-1245. doi: 10.1097/CCM.0000000000005900. Epub 2023 May 1. PMID: 37163480.
16. **Leonard LD**, de Araujo TB, Quinn C, **Thomas MB**, Beaty L, **Mott NM**, Colborn K, Heelan AA, Tevis SEA, Christian N, Arhendt G, Gleisner AL. De-implementation of Axillary Dissection in Women Undergoing Mastectomy for Breast Cancer. *Ann Surg Oncol.* 2023

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17. **Mott NM, Huynh V, Vemuru S**, Parris HJ, Colborn K, Ahrendt G, Christian N, Kim S, Matlock DD, Cumbler E, Tevis SEA. Barriers and facilitators to measuring patient reported outcomes in an academic breast cancer clinic: An application of the RE-AIM framework. *Am J Surg*. 2023 Sep 15:S0002-9610(23)00474-9. doi: 10.1016/j.amjsurg.2023.09.022. Epub ahead of print. PMID: 37741803.
18. Pozdeyev N, Dighe M, **Barrio M**, Raeburn C, Smith H, Fisher M, Chavan S, Rafaels N, Shortt JA, Lin M, Leu MG, Clark T, Marshall C, Haugen BR, Subramanian D, Crooks K, Gignoux C, Cohen T. Thyroid cancer polygenic risk score improves classification of thyroid nodules as benign or malignant. *J Clin Endocrinol Metab*. 2023 Sep 8:dgad530. doi: 10.1210/clinem/dgad530. Epub ahead of print. PMID: 37683082.
19. Reppucci ML, Cooper E, Nolan MM, **Lyttle BD, Gallagher LT**, Jujare S, Stevens J, Moulton SL, Bensard DD, Acker SN. Use of prehospital reverse shock index times Glasgow Coma Scale to identify children who require the most immediate trauma care. *J Trauma Acute Care Surg*. 2023 Sep 1;95(3):347-353. doi: 10.1097/TA.0000000000003903. Epub 2023 Mar 11. PMID: 36899455.
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21. Richardson S, Chervu NL, Mabeza RM, Cho NY, Ng A, Verma A, Vadlakonda A, **Bakhtiyar SS**, Benharash P. Impact of delayed intervention following admission for small bowel obstruction: A contemporary analysis. *Surg Open Sci*. 2023 Sep 12;16:8-13. doi: 10.1016/j.sopen.2023.09.002. PMID: 37744310; PMCID: PMC10514302.
22. **Schaid TR Jr**, LaCroix I, Cohen MJ, Hansen KC, Moore EE, Sauaia A, Cralley AL, **Thielen O, Hallas W**, Erickson C, Mitra S, Dzieciatkowska M, Silliman CC, D'Alessandro A. Metabolomic and Proteomic Changes in Trauma-induced Hypocalcemia. *Shock*. 2023 Sep 5. doi: 10.1097/SHK.0000000000002220. Epub ahead of print. PMID: 37695733.
23. Stearns DR, Moore A, Myers QWO, **Carmichael H**, Velopulos CG. Sex Differences in Violent Death During Incarceration and Legal Intervention. *J Surg Res*. 2023 Sep;289:90-96. doi: 10.1016/j.jss.2023.02.024. Epub 2023 Apr 20. PMID: 37086601.
24. **Stuart CM, Gergen AK**, Byers S, Vigneshwar N, Madsen H, Johnson J, Oase K, Garduno N, Marsh M, Pratap A, Mitchell JD, David EA, Randhawa SK, Meguid RA, McCarter MD, Stewart CL. ASO Author Reflections: Gastric Ischemic Preconditioning Prior to Esophagectomy: Laparoscopic Gastric Ischemic Preconditioning. *Ann Surg Oncol*. 2023

Sep;30(9):5826-5827. doi: 10.1245/s10434-023-13715-w. Epub 2023 Jun 9. PMID: 37294387.

25. **Stuart CM**, Kirsch MJ, Zhuang Y, Meguid CL, Sugawara T, Colborn KL, Messersmith W, Lieu C, Gleisner AL, Del Chiaro M, Schulick RD, Meguid RA. Pulmonary metastasectomy is associated with survival after lung-only recurrence in pancreatic cancer. *Surgery*. 2023 Sep;174(3):654-659. doi: 10.1016/j.surg.2023.05.008. Epub 2023 Jun 28. PMID: 37391327.
26. **Thielen O**, Mitra S, **Debot M**, **Schaid T**, **Hallas W**, **Gallagher LT**, Erickson C, Cralley A, Stafford P, Silliman C, D'Alessandro A, Hansen K, Sauaia A, Moore E, Mosnier L, Griffin J, Cohen M. Mitigation of Trauma Induced Endotheliopathy by Activated Protein C: A Potential Therapeutic for Post-Injury Thromboinflammation. *J Trauma Acute Care Surg*. 2023 Sep 21. doi: 10.1097/TA.0000000000004142. Epub ahead of print. PMID: 37733304.
27. **Vemuru SR**, Bronsert M, Vossler K, **Huynh VD**, Beaty L, Ahrendt G, Arruda J, Kaoutzanis C, Rojas KE, Bozzuto L, Kim S, Tevis SE. Postoperative Outcomes After Staged Versus Coordinated Breast Surgery and Bilateral Salpingo-Oophorectomy. *Ann Surg Oncol*. 2023 Sep;30(9):5667-5680. doi: 10.1245/s10434-023-13630-0. Epub 2023 Jun 19. PMID: 37336806.
28. Verma A, Hadaya J, Kronen E, Sakowitz S, Chervu N, **Bakhtiyar SS**, Benharash P. Impact of surgeon specialty on clinical outcomes following esophagectomy for cancer. *Surg Endosc*. 2023 Sep 7. doi: 10.1007/s00464-023-10391-5. Epub ahead of print. PMID: 37679585.
29. Wang J, Papanicolaou K, Tryon R, Sangalang J, Salazar B, **Suarez-Pierre A**, Dong J, Lee A, Larson E, Holmes S, O'Rourke B, Nichols C, Lawton J. Kir1.1 and SUR1 are not implicated as subunits of an adenosine triphosphate-sensitive potassium channel involved in diazoxide cardioprotection. *JTCVS Open*. 2023 Jun 16;15:231-241. doi: 10.1016/j.xjon.2023.06.004. PMID: 37808059; PMCID: PMC10556815.
30. Witthauer L, Roussakis E, Cascales JP, Goss A, Li X, Cralley A, **Yoeli D**, Moore HB, Wang Z, Wang Y, Li B, Huang CA, Moore EE, Evans CL. Development and in-vivo validation of a portable phosphorescence lifetime-based fiber-optic oxygen sensor. *Sci Rep*. 2023 Sep 7;13(1):14782. doi: 10.1038/s41598-023-41917-5. PMID: 37679415; PMCID: PMC10484954.
31. Zhuang Y, **Dyas A**, Meguid RA, Henderson W, Bronsert M, Madsen H, Colborn K. Preoperative Prediction of Postoperative Infections Using Machine Learning and Electronic Health Record Data. *Ann Surg*. 2023 Sep 27. doi: 10.1097/SLA.0000000000006106. Epub ahead of print. PMID: 37753703.