

University of Colorado Surgery Resident Publications AY20-21
through December 8, 2020 Resident names are in bold

Aasen DM, Wiesen BM, **Singh AB**, Piper C, Harnke B, Prochazka AV, Fink AS, Hammermeister KE, Meguid RA. Systematic Review of Preoperative Risk Discussion in Practice. *J Surg Educ.* 2020 Jul-Aug;77(4):911-920. doi: 10.1016/j.jsurg.2020.02.008. Epub 2020 Mar 16. PMID: 32192884.

Aasen DM, Bronsert MR, **Rozeboom PD**, Colborn KL, Henderson WG, Lambert-Kerzner A, Hammermeister KE, Meguid RA. Relationships between pre-discharge and post-discharge infectious complications, length of stay, and unplanned readmissions in the ACS NSQIP database. *Surgery.* 2020 Sep 12:S0039-6060(20)30538-9. doi: 10.1016/j.surg.2020.08.009. Epub ahead of print. PMID: 32933745.

Altieri MS, **Carmichael H**, Jones E, Robinson T, Pryor A, Madani A. Educational value of telementoring for a simulation-based fundamental use of surgical energy (FUSE) curriculum: a randomized controlled trial in surgical trainees. *Surg Endosc.* 2020 Aug;34(8):3650-3655. doi:10.1007/s00464-020-07609-1. Epub 2020 May 4. PMID: 32367446.

Barrett CD, **Vigneshwar N**, Moore HB, Ghasabyan A, Chandler J, Moore EE, Yaffe MB. Tranexamic acid is associated with reduced complement activation in trauma patients with hemorrhagic shock and hyperfibrinolysis on thromboelastography. *Blood Coagul Fibrinolysis.* 2020 Dec;31(8):578-582. doi: 10.1097/MBC.0000000000000938. PMID: 32732500.

Barrett CD, Moore HB, **Vigneshwar N**, Dhara S, Chandler J, Chapman MP, Sauaia A, Moore EE, Yaffe MB. Plasmin TEG Rapidly Identifies Trauma Patients at Risk for Massive Transfusion, Mortality and Hyperfibrinolysis: A Diagnostic Tool to Resolve an International Debate on TXA? *J Trauma Acute Care Surg.* 2020 Sep 9. doi: 10.1097/TA.0000000000002941. Epub ahead of print. PMID: 32925578.

Barrett CD, Moore HB, **Vigneshwar N**, Dhara S, Chandler J, Chapman MP, Sauaia A, Moore EE, Yaffe MB. Plasmin thromboelastography rapidly identifies trauma patients at risk for massive transfusion, mortality, and hyperfibrinolysis: A diagnostic tool to resolve an international debate on tranexamic acid? *J Trauma Acute Care Surg.* 2020 Dec;89(6):991-998. doi: 10.1097/TA.0000000000002941. PMID: 33230046.

Billings JD, Khan AD, McVicker JH, Schroepfel TJ. Preinjury Antiplatelet Use Does Not Increase the Risk of Progression of Small Intracranial Hemorrhage. *Am Surg.* 2020 Aug;86(8):991-995. doi: 10.1177/0003134820942174. Epub 2020 Aug 6. PMID: 32757761.

Billings JD, Khan AD, McVicker JH, Schroepfel TJ. Newer and Better? Comparing Direct Oral Anticoagulants to Warfarin in Patients With Traumatic Intracranial Hemorrhage. *Am Surg.* 2020 Sep;86(9):1062-1066. doi: 10.1177/0003134820942204. Epub 2020 Aug 16. PMID: 33049165.

Bronsert M, **Singh AB**, Henderson WG, Hammermeister K, Meguid RA, Colborn KL. Identification of postoperative complications using electronic health record data and machine learning. *Am J Surg.* 2020 Jul;220(1):114-119. doi: 10.1016/j.amjsurg.2019.10.009. Epub 2019 Oct 9. PMID: 31635792; PMCID: PMC7183252.

Bronsert MR, Lambert-Kerzner A, Henderson WG, Hammermeister KE, Atuanya C, Aasen DM, **Singh AB**, Meguid RA. The value of the "Surgical Risk Preoperative Assessment System" (SURPAS) in preoperative consultation for elective surgery: a pilot study. *Patient Saf Surg.* 2020 Jul 25;14:31. doi:10.1186/s13037-020-00256-4. PMID: 32724336; PMCID: PMC7382083.

Cafri G, Gartner JJ, Zaks T, Hopson K, Levin N, Paria BC, Parkhurst MR, Yossef R, Lowery FJ, Jafferji MS, Prickett TD, Goff SL, McGowan CT, Seitter S, **Shindorf ML**, Parikh A, Chatani PD, Robbins PF, Rosenberg SA. mRNA vaccine- induced neoantigen-specific T cell immunity in patients with gastrointestinal cancer. *J Clin Invest.* 2020 Nov 2;130(11):5976-5988. doi: 10.1172/JCI134915. PMID: 33016924; PMCID: PMC7598064.

Carmichael H. Response Regarding: "Bedside Anatomy": A Tool to Contextualize Learning and Introduce Surgical Careers. *J Surg Res.* 2020 Sep;253:306. doi: 10.1016/j.jss.2020.04.002. Epub 2020 May 6. PMID: 32386896.

Carmichael H, Dyamenahalli K, Duffy PS, Lambert Wagner A, Wiktor AJ. Triage and Transfer to a Regional Burn Center-Impact of a Mobile Phone App. *J Burn Care Res.* 2020 Sep 23;41(5):971-975. doi: 10.1093/jbcr/iraa098. PMID: 32588890.

Carmichael H, Moore A, Steward L, Velopulos CG. Disparities in Emergent Versus Elective Surgery: Comparing Measures of Neighborhood Social Vulnerability. *J Surg Res.* 2020 Aug 7;256:397-403. doi: 10.1016/j.jss.2020.07.002. Epub ahead of print. PMID: 32777556.

Carmichael H, Samuels JM, Jamison EC, Bol KA, Coleman JJ, Campion EM, Velopulos CG. Finding the Elusive Trauma Denominator: Feasibility of Combining Data Sets to Quantify the True Burden of Firearm Trauma. *J Trauma Acute Care Surg.* 2020 Oct 22. doi: 10.1097/TA.0000000000003005. Epub ahead of print. PMID: 33105286.

Choudhury RA, Yoeli D, Dagan A, Yaffe H, Moore HB, Conzen KD, Adams M, Wachs M, Pomposelli JJ, Pomfret EA, Nydam TL. Offspring to Parent LDLT: Narrowing the Gap Between Theory and Evidence. *Transplantation.* 2020 Oct;104(10):e307. doi: 10.1097/TP.0000000000003352. PMID: 32969991.

Choudhury RA, Prins K, Dor Y, Moore HB, Yaffe H, Nydam TL. Uncontrolled donation after circulatory death improves access to kidney transplantation: A decision analysis. *Clin Transplant.* 2020 Jul;34(7):e13868. doi: 10.1111/ctr.13868. Epub 2020 Apr 20. PMID: 32259310.

Choudhury RA, Yoeli D, Moore HB, Yaffe H, Hoeltzel GD, Dumon KR, Williams NN, Abt PL, Conzen KD, Nydam TL. Reverse epidemiology and the obesity paradox for patients with chronic kidney disease: a Markov decision model. *Surg Obes Relat Dis.* 2020 Jul;16(7):948-954. doi: 10.1016/j.soard.2020.02.015. Epub 2020 Mar 10. PMID: 32303425.

Choudhury RA, Yoeli D, Hoeltzel G, Moore HB, Prins K, Kovler M, Goldstein SD, Holland-Cunz SG, Adams M, Roach J, Nydam TL, Vuille-Dit-Bille RN. STEP improves long-term survival for pediatric short bowel syndrome patients: A Markovdecision analysis. *J Pediatr Surg.* 2020 Sep;55(9):1802-1808. doi: 10.1016/j.jpedsurg.2020.03.017. Epub 2020 Mar 30. PMID: 32345501.

Coleman JR, Carmichael H, Zangara T, Dunn J, Schroepel TJ, Campion E, Goodman M, Hosokawa P, Sauaia A, Moore EE, Bunn B, Floren M, Ferrigno L. A Stitch in Time Saves Clots: Venous Thromboembolism Chemoprophylaxis in Traumatic Brain Injury. *J Surg Res.* 2020 Oct 8;258:289-298. doi:10.1016/j.jss.2020.08.076. Epub ahead of print. PMID: 33039638.

Coleman JR, Burlew CC, Platnick KB, Campion E, Pieracci F, Lawless R, Werner N, Coleman J, Hoehn M, Moore EE, Cohen MJ. Maintaining Trauma Care Access During the COVID-19 Pandemic: An Urban, Level-1 Trauma Center's Experience. *Ann Surg.* 2020 Aug;272(2):e58-e60. doi: 10.1097/SLA.0000000000004001. PMID: 32675497; PMCID: PMC7268859.

Coleman JR, Moore EE, Vintimilla DR, Parry J, Nelson JT, **Samuels JM**, Sauaia A, Cohen MJ, Burlew CC, Mauffrey C. Association between Young-Burgess pelvic ring injury classification and concomitant injuries requiring urgent intervention. *J Clin Orthop Trauma*. 2020 Nov-Dec;11(6):1099-1103. doi: 10.1016/j.jcot.2020.08.009. Epub 2020 Aug 25. PMID: 33192014; PMCID: PMC7656475.

Coleman JR, Moore EE, Freeman K, Grubinger ND, Hennig GW, Cohen MJ, **Samuels JM**, Hansen K. Actin is associated with tissue injury in trauma patients and produces a hypercoagulable profile in vitro. *J Trauma Acute Care Surg*. 2020 Jul;89(1):87-95. doi: 10.1097/TA.0000000000002739. PMID: 32574484.

Coleman JR, Abdelsattar JM, Glocker RJ, **Carmichael H**; RAS-ACS COVID-19 Task Force. COVID-19 Pandemic and the Lived Experience of Surgical Residents, Fellows, and Early-Career Surgeons in the American College of Surgeons. *J Am Coll Surg*. 2020 Oct 16:S1072-7515(20)32402-9. doi: 10.1016/j.jamcollsurg.2020.09.026. Epub ahead of print. PMID: 33069850; PMCID: PMC7561602.

Coleman JR, Leasia K, Douglas IS, Hosokawa P, Lawless RA, Moore EE, Pieracci F. Quantifying the expense of deferring surgical stabilization of rib fractures: Operative management of rib fractures is associated with significantly lower charges. *J Trauma Acute Care Surg*. 2020 Dec;89(6):1032-1038. doi: 10.1097/TA.0000000000002922. PMID: 32890348.

Carmichael H, Wright, F and multiple other authors. COVIDSurg Collaborative. Mortality and pulmonary complications in patients undergoing surgery with perioperative SARS-CoV-2 infection: an international cohort study. *Lancet*. 2020 Jul 4;396(10243):27-38. doi:10.1016/S0140-6736(20)31182-X. Epub 2020 May 29. Erratum in: *Lancet*. 2020 Jun9;: PMID: 32479829; PMCID: PMC7259900.

Croce C, Mungo B, Oba A, Schulick RD, Del Chiaro M. ASO Author Reflections: Which Patients with Invasive Intraductal Papillary Mucinous Neoplasm Can Benefit from Adjuvant Therapy? *Ann Surg Oncol*. 2020 Dec;27(Suppl 3):873-874. doi: 10.1245/s10434-020-08964-y. Epub 2020 Sep 6. PMID: 32893319.

Derderian SC, **Dewberry LC**, Patten L, Sitzman TJ, Kaizer AM, Jenkins TM, Michalsky MP, Xie C, Mitchell JE, Inge T. Excess skin problems among adolescents after bariatric surgery. *Surg Obes Relat Dis*. 2020 Aug;16(8):993-998. doi: 10.1016/j.soard.2020.04.020. Epub 2020 Apr 24. PMID: 32499011; PMCID: PMC7423629.

Dyas AR, Johnson DT, Rubin E, Schulick RD, Kumar **Sharma P**. Yttrium-90 selective internal radiotherapy as bridge to curative hepatectomy for recurrent malignant solid pseudopapillary neoplasm of pancreas: case report and review of literature. *J Surg Case Rep*. 2020 Sep 25;2020(9):rjaa325. doi: 10.1093/jscr/rjaa325. PMID: 33005321; PMCID: PMC7515723.

Elhage SA, **Thielen ON**, Huber AT, Otero J, Suddreth CE, Monjimbo GA, Prasad T, Gersin KS, Augenstein VA, Colavita PD, Heniford BT. Preoperative patient opioid education, standardization of prescriptions, and their impact on overall patient satisfaction. *Surgery*. 2020 Oct 27:S0039-6060(20)30616-4. doi: 10.1016/j.surg.2020.09.013. Epub ahead of print. PMID: 33127093.

El Hechi M, Kongkaewpaisan N, El Moheb M, Aicher B, Diaz J Jr, O'Leary Meara L, Decker C, Rodriguez J, Schroepfel T, Rattan R, Vasileiou G, Yeh DD, Simonosk U, Turay D, Cullinane D, Emmert C, McCrum M, Wall N, Badach J, Goldenberg-Sanda A, **Carmichael H**, Velopoulos C, Choron R, Sakran J, Bekdache K, Black G, Shoultz T, Chadnick Z, Sim V, Madbak F, Steadman D, Camazine M, Zielinski M, Hardman C, Walusimbi M, Kim M, Rodier S, Papadopoulos V, Tsoulfas G, Perez J, Kaafarani H. The emergency surgery score (ESS) and outcomes in elderly patients undergoing emergency laparotomy: A post-hoc analysis of an EAST multicenter study. *Am JSurg*. 2020 Sep 4:S0002-9610(20)30531-6. doi: 10.1016/j.amjsurg.2020.08.039. Epub ahead of print. PMID: 32917366.

Gergen AK, Scott CD, Mitchell JD. Surgery for limited stage small cell lung cancer. *J Thorac Dis*. 2020 Oct;12(10):6291-6297. doi: 10.21037/jtd.2020.03.79. PMID: 33209467; PMCID: PMC7656341.

Gergen AK, Frankel JH, Weyant MJ, Pratap A. A novel technique of robotic preperitoneal approach for Morgagni hernia repair. *Asian J Endosc Surg*. 2020 Nov 16. doi: 10.1111/ases.12897. Epub ahead of print. PMID: 33200531.

Gergen AK, **Kohtz PD**, **Halpern AL**, Li A, Meng X, Reece TB, Fullerton DA, Weyant MJ. Activation of Toll-Like Receptor 2 Promotes Proliferation of Human Lung Adenocarcinoma Cells. *Anticancer Res*. 2020 Oct;40(10):5361-5369. doi: 10.21873/anticancer.14544. PMID: 32988855.

Gergen AK, Jarrett MJ, Li A, **White AM**, Meng X, Fullerton DA, Weyant MJ. Secretory Phospholipase A₂ Inhibition Attenuates Adhesive Properties of Esophageal Barrett's Cells. *J Surg Res*. 2020 Nov 28:S0022-4804(20)30743-5. doi: 10.1016/j.jss.2020.10.018. Epub ahead of print. PMID: 33261858.

Gergen AK, Kohtz PD, Halpern AL, White AM, Meng X, Fullerton DA, Weyant MJ. Statins Inhibit Toll-Like Receptor 4-Mediated Growth of Human Esophageal Adenocarcinoma Cells. *J Surg Res.* 2020 Nov 30:S0022-4804(20)30754-X. doi: 10.1016/j.jss.2020.11.016. Epub ahead of print. PMID: 33272595.

Ghincea CV, Ikeno Y, Weyant MJ, Mitchell JD, Aftab M, Reece TB. Right Thoracoscopic Aberrant Right Subclavian Artery Division and Subclavian-Carotid Transposition. *Ann Thorac Surg.* 2020 Nov;110(5):e431-e433. doi: 10.1016/j.athoracsur.2020.03.106. Epub 2020 May 11. PMID: 32407854.

Goss MB, Galvn NTN, Ruan W, Munoz FM, Brewer ED, O'Mahony CA, Melicoff-Portillo E, Dreyer WJ, Miloh TA, Cigarroa FG, Ranch D, **Yoeli D,** Adams MA, Koohmaraie S, Harter DM, Rana A, Cotton RT, Carter B, Patel S, Moreno NF, Leung DH, Goss JA. The pediatric solid organ transplant experience with COVID-19: An initial multi-center, multi-organ case series. *Pediatr Transplant.* 2020 Sep 18:e13868. doi: 10.1111/ptr.13868. Epub ahead of print. PMID: 32949098; PMCID: PMC7537006.

Govsyeyev N, Malgor RD, Hoffman C, Sturman E, Siada S, Al-Musawi M, Malgor EA, Jacobs DL, Nehler M. A systematic review of diagnosis and treatment of acute limb ischemia during pregnancy and postpartum period. *J Vasc Surg.* 2020 Nov;72(5):1793-1801.e1. doi: 10.1016/j.jvs.2020.04.516. Epub 2020 May 20. PMID: 32442613.

Greaney AJ, Starr TN, Gilchuk P, Zost SJ, Binshtein E, Loes AN, **Hilton SK,** Huddleston J, Eguia R, Crawford KHD, Dingens AS, Nargi RS, Sutton RE, Suryadevara N, Rothlauf PW, Liu Z, Whelan SPJ, Carnahan RH, Crowe JE Jr, Bloom JD. Complete mapping of mutations to the SARS-CoV-2 spike receptor-binding domain that escape antibody recognition. *bioRxiv [Preprint].* 2020 Sep 10:2020.09.10.292078. doi: 10.1101/2020.09.10.292078. Update in: *Cell Host Microbe.* 2020 Nov 19;: PMID: 32935107; PMCID: PMC7491521.

Halpern AL, Friedman C, Torphy RJ, Al-Musawi MH, Mitchell JD, Scott CD, Meguid RA, McCarter MD, Weyant MJ, Gleisner AL. Conversion to open surgery during minimally invasive esophagectomy portends worse short-term outcomes: an analysis of the National Cancer Database. *Surg Endosc.* 2020 Aug;34(8):3470-3478. doi: 10.1007/s00464-019-07124-y. Epub 2019 Oct 7. PMID: 31591657.

Halpern AL, Fitz JG, Fujiwara Y, Yi J, Anderson AL, Zhu Y, Schulick RD, El Kasmi KC, Barnett CC Jr. Hepatic Thermal Injury Promotes Colorectal Cancer Engraftment in C57/black 6 Mice. *Am J Physiol Cell Physiol.* 2020 Nov 11. doi: 10.1152/ajpcell.00071.2020. Epub ahead of print. PMID: 33175574.

Henderson WG, Meguid RA, Hammermeister KE, Colborn KL, **Rozeboom PD**, Bronsert MR, Lambert-Kerzner A. Letter to the Editor: How Accurate Are the Surgical Risk Preoperative Assessment System (SURPAS) Universal Calculators in Total Joint Arthroplasty? Clin Orthop Relat Res. 2020 Aug;478(8):1946-1947. doi: 10.1097/CORR.0000000000001371. PMID: 32732581; PMCID: PMC7371085.

Highet A, Cassidy DE, Gomez-Rexrode AE, **Kirsch MJ**, Eton R, Brown CS, Waits SA, Englesbe MJ. Introduction to the Best-Case/Worst-Case Framework Within Transplantation Surgery to Improve Decision-Making for Increased Risk Donor Organ Offers. Prog Transplant. 2020 Dec;30(4):368-371. doi:10.1177/1526924820958116. Epub 2020 Sep 22. PMID: 32959728.

Hirji SA, **Halpern AL**, Helmkamp LJ, Roberts SH, **Houk AK**, Osho A, Okoh AK, Meguid RA, Seese L, Weyant MJ, Rinewalt DE. Geographic and temporal patterns of growth in the utilization of donation after circulatory death donors for lung transplantation in the United States. J Heart Lung Transplant. 2020 Aug 29:S1053-2498(20)31705-8. doi: 10.1016/j.healun.2020.08.015. Epub ahead of print. PMID: 32921583.

Hodges MM, Zgheib C, Liechty KW. A Large Mammalian Model of Myocardial Regeneration After Myocardial Infarction in Fetal Sheep. Adv Wound Care (New Rochelle). 2020 Jul 7. doi: 10.1089/wound.2018.0894. Epub ahead of print. PMID: 32496979.

Hu J, Zhang L, Liechty C, Zgheib C, **Hodges MM**, Liechty KW, Xu J. Long Noncoding RNA GAS5 Regulates Macrophage Polarization and Diabetic Wound Healing. J Invest Dermatol. 2020 Aug;140(8):1629-1638. doi: 10.1016/j.jid.2019.12.030. Epub 2020 Jan 28. PMID: 32004569; PMCID: PMC7384923.

Huynh V, Rojas K, Ahrendt G, Murphy C, Jaiswal K, Cumbler E, Christian N, Tevis S. Reassessing Opioid Use in Breast Surgery. J Surg Res. 2020 Oct;254:232-241. doi: 10.1016/j.jss.2020.04.030. Epub 2020 May 28. PMID: 32474196.

Huynh V, Tevis S. Surgical management of invasive lobular carcinoma: Is less more? Am J Surg. 2020 Aug 25:S0002-9610(20)30518-3. doi:10.1016/j.amjsurg.2020.08.026. Epub ahead of print. PMID: 32878693.

Jarrett MJ, **Houk AK**, McCuiston PE, Weyant MJ, Reece TB, Meng X, Fullerton DA. Wnt Signaling Mediates Pro-Fibrogenic Activity in Human Aortic Valve Interstitial Cells. Ann Thorac Surg. 2020 Nov 12:S0003-4975(20)31891-9. doi:10.1016/j.athoracsur.2020.08.068. Epub ahead of print. PMID: 33189669.

Jiang H, **Torphy RJ**, Steiger K, Hongo H, Ritchie AJ, Kriegsmann M, Horst D, Umetsu SE, Joseph NM, McGregor K, Pishvaian MJ, Blais EM, Lu B, Li M, Hollingsworth M, Stashko C, Volmar K, Yeh JJ, Weaver VM, Wang ZJ, Tempero MA, Weichert W, Collisson EA. Pancreatic ductal adenocarcinoma progression is restrained by stromal matrix. *J Clin Invest.* 2020 Sep 1;130(9):4704-4709. doi: 10.1172/JCI136760. PMID: 32749238; PMCID: PMC7456216.

Kaafarani HMA, Kongkaewpaisan N, Aicher BO, Diaz JJ Jr, O'Leary Meara LB, Decker C, Rodriguez J, Schroepfel T, Rattan R, Vasileiou G, Yeh DD, Simonoski UJ, Turay D, Cullinane DC, Emmert CB, McCrum ML, Wall N, Badach J, Goldenberg-Sandau A, **Carmichael H**, Velopulos C, Choron R, Sakran JV, Bekdache K, Black G, Shoultz T, Chadnick Z, Sim V, Madbak F, Steadman D, Camazine M, Zielinski MD, Hardman C, Walusimbi M, Kim M, Rodier S, Papadopoulos VN, Tsoulfas G, Perez JM, Velmahos GC. Prospective validation of the Emergency Surgery Score in emergency general surgery: An Eastern Association for the Surgery of Trauma multicenter study. *J Trauma Acute Care Surg.* 2020 Jul;89(1):118-124. doi: 10.1097/TA.0000000000002658. PMID: 32176177.

Kinsey DJ, Zambrano C, **Suarez-Pierre A**, Kumar A, Isenbergh E, Lawton JS, Siegenthaler MP. Repair of a Syphilitic Aneurysm of the Noncoronary Sinus. *Aorta (Stamford).* 2020 Jun;8(3):80-82. doi: 10.1055/s-0040-1714057. Epub 2020 Nov 5. PMID: 33152789; PMCID: PMC7644290.

Kirsch MJ, Hsu KT, Lee MH, Pickhardt PJ, Kim DH, Sippel RS, Dedhia PH. Hormonal Evaluation of Incidental Adrenal Masses: The Exception, Not the Rule. *World J Surg.* 2020 Nov;44(11):3778-3785. doi: 10.1007/s00268-020-05679-9. PMID: 32651604.

Kovar A, **Carmichael H**, Harms B, Nehler M, Tevis S. Over Worked and Under Paid: How Resident Finances Impact Perceived Stress, Career Choices, and Family Life. *J Surg Res.* 2020 Sep 28;258:82-87. doi: 10.1016/j.jss.2020.07.084. Epub ahead of print. PMID: 33002665.

Kovar A, Bronsert M, Jaiswal K, Murphy C, Wolverton D, Ahrendt G, Tevis S. The Waiting Game: How Long Are Breast Cancer Patients Waiting for Definitive Diagnosis? *Ann Surg Oncol.* 2020 Oct;27(10):3641-3649. doi: 10.1245/s10434-020-08484-9. Epub 2020 Apr 20. PMID: 32314153.

Kovar A, Moskowitz E, Sauaia A, Moore EE, Platnick KB, **Coleman JJ**, Champion EM, Lawless RA, Cohen MJ, Pieracci FM, Burlew CC. Trends in hematologic markers after blunt splenic trauma: Risk factor or Epiphenomenon? *Am J Surg*. 2020 Aug;220(2):489-494. doi: 10.1016/j.amjsurg.2019.12.016. Epub 2019 Dec 20. PMID: 31879019.

Lamdark T, Vuille-Dit-Bille RN, Bielicki IN, Guglielmetti LC, **Choudhury RA**, Peters N, Doll D, Luedi MM, Adamina M. Treatment Strategies for Pilonidal Sinus Disease in Switzerland and Austria. *Medicina (Kaunas)*. 2020 Jul 9;56(7):341. doi: 10.3390/medicina56070341. PMID: 32660027; PMCID: PMC7404453.

Lane M, **Kirsch MJ**, Sluiter EC, Hamill JB, Ives GC, Gilman RH, Cederna PS, Kuzon WM, Wilkins EG. Prevalence of Psychosocial Distress in Transmen Seeking Gender-Affirming Mastectomy. *Plast Reconstr Surg*. 2020 Dec;146(6):1376-1380. doi: 10.1097/PRS.0000000000007357. PMID: 33234973.

Luc JGY, Archer MA, Arora RC, Bender EM, Blitz A, Cooke DT, Elde S, Guy TS, **Halpern AL**, Harrington C, Hlci TN, Kidane B, Olive JK, Ouzounian M, Stamp N, Vervoort D, Varghese TK Jr, Antonoff MB. The Thoracic Surgery Social Media Network Experience During the COVID-19 Pandemic. *Ann Thorac Surg*. 2020 Oct;110(4):1103-1107. doi: 10.1016/j.athoracsur.2020.05.006. Epub 2020 May 18. PMID: 32425205; PMCID: PMC7232073.

Ludwigson A, **Huynh V**, Bronsert M, Sloan K, Murphy C, Christian N, Jaiswal K, Ahrendt G, Tevis SE. A screening tool identifies high distress in newly diagnosed breast cancer patients. *Surgery*. 2020 Nov;168(5):935-941. doi: 10.1016/j.surg.2020.04.051. Epub 2020 Jun 24. PMID: 32591140.

Lui C, Fraser CD 3rd, **Suarez-Pierre A**, Zhou X, Higgins RS, Zehr KJ, Choi CW, Kilic A. Evaluation of Extracorporeal Membrane Oxygenation Therapy as a Bridging Method. *Ann Thorac Surg*. 2020 Oct 21:S0003-4975(20)31733-1. doi: 10.1016/j.athoracsur.2020.08.041. Epub ahead of print. PMID: 33098881.

Lui C, Fraser CD 3rd, Zhou X, **Suarez-Pierre A**, Grimm JC, Higgins RSD, Zehr KJ, Kilic A. Increased Use of Multiorgan Transplantation in Heart Transplantation: Only Time Will Tell. *Ann Thorac Surg*. 2020 Oct;110(4):1308-1315. doi: 10.1016/j.athoracsur.2019.12.081. Epub 2020 Feb 20. PMID: 32087130.

McDonald JD, Gupta S, **Shindorf ML**, Copeland A, Good ML, Sadowski SM, Nilubol N. Pancreatic insufficiency following pancreatectomy: Does underlying tumor syndrome confer a greater risk? *Am J Surg*. 2020 Sep 5:S0002-9610(20)30540-7. doi: 10.1016/j.amjsurg.2020.08.048. Epub ahead of print. PMID: 32943182.

Moore HB, Yaffe H, Pomposelli JJ, Wachs M, Bak T, Kennealey P, Conzen K, Adams M, Pshak T, **Choudhury R**, Walker C, Schulick A, Ferrell T, Chapman MP, Pomfret EA, Nydam TL. Detection of early allograft dysfunction at 30 min of reperfusion in liver transplantation: An intraoperative diagnostic tool with real time assessment of graft function. *Am J Surg*. 2020 Dec;220(6):1518-1525. doi: 10.1016/j.amjsurg.2020.08.018. Epub 2020 Aug 27. PMID: 32907708; PMCID: PMC7722050.

Mungo B, **Croce C**, Oba A, Ahrendt S, Gleisner A, Friedman C, Schulick RD, Del Chiaro M. Controversial Role of Adjuvant Therapy in Node-Negative Invasive Intraductal Papillary Mucinous Neoplasm. *Ann Surg Oncol*. 2020 Aug 2. doi: 10.1245/s10434-020-08916-6. Epub ahead of print. PMID: 32743713.

Niemiec SM, **Louiselle AE, Hilton SA, Dewberry LC**, Zhang L, Azeltine M, Xu J, Singh S, Sakthivel TS, Seal S, Liechty KW, Zgheib C. Nanosilk Increases the Strength of Diabetic Skin and Delivers CNP-miR146a to Improve Wound Healing. *Front Immunol*. 2020 Oct 30;11:590285. doi: 10.3389/fimmu.2020.590285. PMID: 33193424; PMCID: PMC7662112.

Nunns GR, Vigneshwar N, Kelher MR, Stettler GR, Gera L, Reisz JA, D'Alessandro A, Ryon J, Hansen KC, Gamboni F, Moore EE, Peltz ED, Cohen MJ, Jones KL, Sauaia A, Liang X, Banerjee A, Ghasabyan A, Chandler JG, Rodawig S, Jones C, Eitel A, Hom P, Silliman CC. Succinate Activation of SUCNR1 Predisposes Severely Injured Patients to Neutrophil-Mediated ARDS. *Ann Surg*. 2020 Nov 18. doi: 10.1097/SLA.0000000000004644. Epub ahead of print. PMID: 33214479.

Owen CL, Stern DB, **Hilton SK**, Crandall KA. Hemiptera phylogenomic resources: Tree-based orthology prediction and conserved exon identification. *Mol Ecol Resour*. 2020 Sep;20(5):1346-1360. doi: 10.1111/1755-0998.13180. Epub 2020 Jul 13. PMID: 32358926.

Parker MJ, Kim RC, **Barrio M**, Socas J, Reed LR, Nakeeb A, House MG, Ceppa EP. A novel biosynthetic scaffold mesh reinforcement affords the lowest hernia recurrence in the highest-risk patients. *Surg Endosc*. 2020 Sep 24. doi: 10.1007/s00464-020-08009-1. Epub ahead of print. PMID: 32970208.

Penix EA, Clarke-Walper KM, Trachtenberg FL, Magnavita AM, Simon E, Ortigo K, **Coleman J**, Marceau L, Ruzek JI, Rosen RC, Wilk JE. Risk of Secondary Traumatic Stress in Treating Traumatized Military Populations: Results from the PTSD Clinicians Exchange. *Mil Med.* 2020 Sep 18;185(9-10):e1728-e1735. doi: 10.1093/milmed/usaa078. PMID: 32588891

Phillips RC, Shahi N, Leopold D, Levek C, Shirek G, **Hilton S**, Hyslop R, Gien J, Kinsella JP, Buckvold S, Liechty KW, Kim JS, Marwan AI. Thromboelastography- guided management of coagulopathy in neonates with congenital diaphragmatic hernia supported by extracorporeal membrane oxygenation. *Pediatr Surg Int.* 2020 Sep;36(9):1027-1033. doi: 10.1007/s00383-020-04694-0. Epub 2020 Jun 30. PMID: 32607833.

Raff LA, Schinnerer EA, Maine RG, Jansen J, Noorbakhsh MR, Spigel Z, Champion E, **Coleman J**, Saquib S, Carroll JT, Jacobson LE, Williams J, Young AJ, Pascual J, Burruss S, Gordon D, Robinson BRH, Nahmias J, Kutcher ME, Bugaev N, Jeyamurugan K, Bosarge P. Contemporary management of traumatic cervical and thoracic esophageal perforation: The results of an Eastern Association for the Surgery of Trauma multi-institutional study. *J Trauma Acute Care Surg.* 2020 Oct;89(4):691-697. doi: 10.1097/TA.0000000000002841. PMID: 32590561.

Rivas L, Estroff J, Sparks A, Nahmias J, Allen R, Smith SR, Kutcher M, Carter K, Grigorian A, Albertson S, Turay D, Quispe JC, Luo-Owen X, Vella M, Pascual J, Tororello G, Quattrone M, Bernard A, Ratnasekera A, Lee A, Tamburrini D, Rodriguez C, Harrell K, Jeyamurugan K, Bugaev N, Warner A, Weinberger J, Hazelton JP, Selevany M, Wright F, **Kovar A**, Urban S, Hamrick A, Mount M, Carrick M, Cullinane DC, Chang G, Jain G, Spalding C, Sarani B. The incidence of venous thromboembolic events in trauma patients after tranexamic acid administration: an EAST multicenter study. *Blood Coagul Fibrinolysis.* 2020 Dec 2. doi: 10.1097/MBC.0000000000000983. Epub ahead of print. PMID: 33196508.

Robinson TN, **Kovar A**, **Carmichael H**, Overbey DM, Goode CM, Jones TS. Postoperative delirium is associated with decreased recovery of ambulation one- month after surgery. *Am J Surg.* 2020 Aug 27;S0002-9610(20)30523-7. doi: 10.1016/j.amjsurg.2020.08.031. Epub ahead of print. PMID: 32933746.

Robinson TN, **Kovar A**, **Carmichael H**, Overbey DM, Goode CM, Jones TS. Postoperative delirium is associated with decreased recovery of ambulation one- month after surgery. *Am J Surg.* 2020 Aug 27;S0002-9610(20)30523-7. doi: 10.1016/j.amjsurg.2020.08.031. Epub ahead of print. PMID: 32933746.

Rozeboom PD, Bronsert MR, Velopulos CG, Henderson WG, Colborn KL, Hammermeister KE, Lambert-Kerzner A, Hall MG, McIntyre RC Jr, Meguid RA. A comparison of the new, parsimonious tool Surgical Risk Preoperative Assessment System (SURPAS) to the American College of Surgeons (ACS) risk calculator in emergency surgery. *Surgery*. 2020 Dec;168(6):1152-1159. doi: 10.1016/j.surg.2020.07.029. Epub 2020 Sep 6. PMID: 32900494.

Samuels JM, Carmichael H, Kovar A, Urban S, Vega S, Velopulos C, McIntyre RC Jr. Reevaluation of Hepatic Angioembolization for Trauma in Stable Patients: Weighing the Risk. *J Am Coll Surg*. 2020 Jul;231(1):123-131.e3. doi: 10.1016/j.jamcollsurg.2020.05.006. Epub 2020 May 15. PMID: 32422347.

Samuels JM, Carmichael H, Kovar A, Urban S, Vega S, Velopulos C, McIntyre RC Jr. Exercise Caution Using Hepatic Angioembolization in the Stable Trauma Patient: In reply to Clements and Colleagues. *J Am Coll Surg*. 2020 Dec;231(6):778. doi: 10.1016/j.jamcollsurg.2020.08.739. Epub 2020 Sep 22. PMID: 32972833.

Samuels JM, Halpern AL, Carmichael H, Christian NT, Travis CEM, Jaiswal K, Nehler MR. This Surgical Life - An Exploration of Surgical Department Podcasting. *J Surg Educ*. 2020 Sep-Oct;77(5):1257-1265. doi: 10.1016/j.jsurg.2020.02.024. Epub 2020 Mar 23. PMID: 32217125.

Samuels JM, Sun K, Moore EE, **Coleman JR**, Fox CJ, Cohen MJ, Sauaia A, MacTaggart JN. REBOA - Interest is Widespread but Need for Training Persists. *J Trauma Acute Care Surg*. 2020 Jul 23. doi: 10.1097/TA.0000000000002855. Epub ahead of print. PMID: 32732667.

Samuels JM, Sun K, Moore EE, **Coleman JR**, Fox CJ, Cohen MJ, Sauaia A, MacTaggart JN. Resuscitative endovascular balloon occlusion of the aorta- Interest is widespread but need for training persists. *J Trauma Acute Care Surg*. 2020 Oct;89(4):e112-e116. doi: 10.1097/TA.0000000000002855. PMID: 33009200.

Samuels JM, Overbey DM, Wikiel KJ, Jones TS, Robinson TN, Jones EL. Electromagnetic interference on cardiac pacemakers and implantable cardioverter defibrillators during endoscopy as reported to the US Federal Drug Administration. *Surg Endosc.* 2020 Aug 17. doi: 10.1007/s00464-020-07872-2. Epub ahead of print. PMID: 32804270.

Schulick AC, Moore HB, Walker CB, Yaffe H, Pomposelli JJ, Azam F, Wachs M, Bak T, Kennealey P, Conzen K, Adams M, Pshak T, **Choudhury R**, Chapman MP, Pomfret EA, Nydam TL. A clinical coagulopathy score concurrent with viscoelastic testing defines opportunities to improve hemostatic resuscitation and enhance blood product utilization during liver transplantation. *Am J Surg.* 2020 Dec;220(6):1379-1386. doi: 10.1016/j.amjsurg.2020.07.034. Epub 2020 Sep 1. PMID: 32907709.

Selby LV, **Coleman JR**, Jones TS, Nehler M, Montero P. Surgeons Underestimate the Importance of Surgical Topics for Non-Surgeons: Results of a National Survey. *J Surg Educ.* 2020 Aug 1:S1931-7204(20)30260-9. doi: 10.1016/j.jsurg.2020.07.026. Epub ahead of print. PMID: 32747321.

Senn V, Bassler D, **Choudhury R**, Scholkmann F, Righini-Grunder F, Vuille-Dit-Bille RN, Restin T. Microbial Colonization From the Fetus to Early Childhood-A Comprehensive Review. *Front Cell Infect Microbiol.* 2020 Oct 30;10:573735. doi: 10.3389/fcimb.2020.573735. PMID: 33194813; PMCID: PMC7661755.

Shindorf ML, Jafferji MS, Goff SL. Incidence of Asymptomatic Brain Metastases in Metastatic Colorectal Cancer. *Clin Colorectal Cancer.* 2020 Dec;19(4):263-269. doi: 10.1016/j.clcc.2020.09.002. Epub 2020 Sep 12. PMID: 33012679.

Staerkle RF, Guglielmetti LC, Bielicki IN, Gaukel S, Frongia G, **Hilton S**, Fink L, Vuille-Dit-Bille RN. Is it worth to explore the contralateral side in unilateral childhood inguinal hernia?: A PRISMA-compliant meta-analysis. *Medicine (Baltimore).* 2020 Jul 31;99(31):e21501. doi: 10.1097/MD.00000000000021501. PMID: 32756186; PMCID: PMC7402905.

Starr TN, Greaney AJ, **Hilton SK**, Ellis D, Crawford KHD, Dingens AS, Navarro MJ, Bowen JE, Tortorici MA, Walls AC, King NP, Veisler D, Bloom JD. Deep Mutational Scanning of SARS-CoV-2 Receptor Binding Domain Reveals Constraints on Folding and ACE2 Binding. *Cell.* 2020 Sep 3;182(5):1295-1310.e20. doi: 10.1016/j.cell.2020.08.012. Epub 2020 Aug 11. PMID: 32841599; PMCID: PMC7418704.

Stettler GR, Moore EE, Huebner BR, **Nunns GR**, Moore HB, **Coleman JR**, Kelher M, Banerjee A, Silliman CC. 28-day thawed plasma maintains $\hat{I}\pm₂$ -antiplasmin levels and inhibits tPA-induced fibrinolysis. *Vox Sang*. 2020 Sep 7. doi: 10.1111/vox.12997. Epub ahead of print. PMID: 32894784.

Stettler GR, Moore EE, **Nunns GR**, Kelher M, Banerjee A, Silliman CC. Effects of Blood Components and Whole Blood in a Model of Severe Trauma-Induced Coagulopathy. *J Surg Res*. 2020 Dec 2;259:55-61. doi: 10.1016/j.jss.2020.10.022. Epub ahead of print. PMID: 33278796.

Suarez-Pierre A, Giuliano K, Lui C, Almaguer D, Etchill E, Choi CW, Kilic A, Higgins RS. Impact of cytomegalovirus serologic status on heart transplantation. *J Card Surg*. 2020 Jul;35(7):1431-1438. doi: 10.1111/jocs.14588. Epub 2020 May 3. PMID: 32362003.

Suarez-Pierre A, Lui C, Zhou X, Giuliano K, Etchill E, Almaraz-Espinoza A, Crawford TC, Fraser CD 3rd, Whitman GJ, Choi CW, Higgins RS, Kilic A. Long-term Survival Following Heart Transplantation: A Population-based Nested Case-Control Study. *Ann Thorac Surg*. 2020 Jul 30:S0003-4975(20)31220-0. doi: 10.1016/j.athoracsur.2020.05.163. Epub ahead of print. PMID: 32739258.

Suarez-Pierre A, Lui C, Zhou X, Kearney S, Jones M, Wang J, Thomas RP, Gaughan N, Metkus TS, Brady MB, Cho BC, Dodd-O JM, Lawton JS. Diazoxide preserves myocardial function in a swine model of hypothermic cardioplegic arrest and prolonged global ischemia. *J Thorac Cardiovasc Surg*. 2020 Aug 26:S0022-5223(20)32457-0. doi: 10.1016/j.jtcvs.2020.08.069. Epub ahead of print. PMID: 32977969.

Suarez-Pierre A, Lui C, Zhou X, Fraser CD 3rd, Ferrigno AS, Etchill E, Giuliano K, Higgins RS, Choi CW, Kilic A. Conditional Survival in Heart Transplantation: An Organ Procurement and Transplantation Network Database Analysis. *Ann Thorac Surg*. 2020 Oct;110(4):1339-1347. doi: 10.1016/j.athoracsur.2020.02.014. Epub 2020 Mar 12. PMID: 32173338.

Suarez-Pierre A, Etchill E, Giuliano K, Lui C, Fraser CD 3rd, Choi CW, Higgins RS, Kilic A. Left Ventricular Assist Device Exchange Increases Heart Transplant Wait-List Mortality. *J Surg Res*. 2020 Nov;255:277-284. doi: 10.1016/j.jss.2020.05.062. Epub 2020 Jun 20. PMID: 32570131.

Torphy RJ, Stewart C, **Sharma P**, **Halpern AL**, Oase K, Herter W, Bartsch C, Friedman C, Del Chiaro M, Schulick RD, Gleisner A, McCarter MD, Ahrendt SA. Dextrose-Containing Carrier Solution for Hyperthermic Intraperitoneal Chemotherapy: Increased Intraoperative Hyperglycemia and Postoperative Complications. *Ann Surg Oncol*. 2020 Dec;27(13):4874-4882. doi: 10.1245/s10434-020-08330-y. Epub 2020 Apr 19. PMID: 32306237.

Torphy RJ, Fujiwara Y, Schulick RD. Pancreatic cancer treatment: better, but a long way to go. *Surg Today*. 2020 Oct;50(10):1117-1125. doi: 10.1007/s00595-020-02028-0. Epub 2020 May 30. PMID: 32474642.

Torphy RJ, Schulick RD, Zhu Y. Understanding the immune landscape and tumor microenvironment of pancreatic cancer to improve immunotherapy. *Mol Carcinog*. 2020 Jul;59(7):775-782. doi: 10.1002/mc.23179. Epub 2020 Mar 12. PMID: 32166821.

van Beek EJAH, Hernandez JM, Goldman DA, Davis JL, **McLoughlin KC**, Ripley RT, Kim TS, Tang LH, Hechtman JF, Zheng J, Capanu M, Schultz N, Hyman DM, Ladanyi M, Berger MF, Solit DB, Janjigian YY, Strong VE. Correction to: Rates of TP53 Mutation are Significantly Elevated in African American Patients with Gastric Cancer. *Ann Surg Oncol*. 2020 Dec;27(Suppl 3):963. doi:10.1245/s10434-019-08107-y. Erratum for: *Ann Surg Oncol*. 2018 Jul;25(7):2027-2033. PMID: 31898094.

Vaughn A, Reynolds R, Zenge J, Marwan AI. Fetal surgery and neonatal ICU admissions. *Curr Opin Pediatr*. 2020 Aug;32(4):619-624. doi: 10.1097/MOP.0000000000000900. PMID: 32692057.

Vemuru SR, **Stettler GR**, Betz ME, Ferrigno L. Gastric Perforation Secondary to Bag-Valve Mask Ventilation Following Opioid Overdose. *Am Surg*. 2020 Aug 31:3134820945197. doi: 10.1177/0003134820945197. Epub ahead of print. PMID: 32866035.

Vigneshwar NG, **Kohtz PD**, Lucas MT, Bronsert M, J Weyant M, F Masood M, Itoh A, Rove JY, Reece TB, Cleveland JC, Pal JD, Fullerton DA, Aftab M. Clinical predictors of in-hospital mortality in venoarterial extracorporeal membrane oxygenation. *J Card Surg*. 2020 Oct;35(10):2512-2521. doi: 10.1111/jocs.14758. Epub 2020 Aug 13. PMID: 32789912.

Vigneshwar NG, Moore EE, Moore HB, Cotton BA, Holcomb JB, Cohen MJ, Sauaia A. Precision medicine: clinical tolerance to hyperfibrinolysis differs by shock and injury severity. *Ann Surg*. 2020 Nov 17. doi: 10.1097/SLA.0000000000004548. Epub ahead of print. PMID: 33214445.

Vigneshwar NG, Moore HB, Moore EE. Challenges in Acute Care Surgery: Zone II Neck Gun Shot Wound at a Remote Rural Hospital. *J Trauma Acute Care Surg.* 2020 Nov 20. doi: 10.1097/TA.0000000000003038. Epub ahead of print. PMID: 33230088.

Vigneshwar NG, Krause M, Bartels K. Positive tracheal SARS-CoV-2 RNA test after three negative SARS-CoV-2 RNA tests in a patient with COVID-19. *Can J Anaesth.* 2020 Nov;67(11):1663-1664. doi: 10.1007/s12630-020-01742-0. Epub 2020 Jun 12. PMID: 32533461; PMCID: PMC7292473.

Villarreal JA, **Yoeli D**, Masand PM, Galvan NTN, Olutoye OO, Goss JA. Hepatic separation of conjoined twins: Operative technique and review of three-dimensional model utilization. *J Pediatr Surg.* 2020 Jul 15:S0022-3468(20)30483-8. doi: 10.1016/j.jpedsurg.2020.06.047. Epub ahead of print. PMID: 32792165.

Vuille-Dit-Bille RN, Staerkle RF, Derderian SC, **Dewberry LC**, Breitenstein S, Soll C. Appendiceal stump closure in children using polymeric clips is a reliable alternative to endoloops. *Minerva Chir.* 2020 Aug;75(4):274-275. doi: 10.23736/S0026-4733.20.08313-3. Epub 2020 May 26. PMID: 32456398.

Walker CB, Moore HB, Nydam TL, Schulick AC, Yaffe H, Pomposelli JJ, Wachs M, Bak T, Conzen K, Adams M, Pshak T, **Choudhury R**, Chapman MP, Pomfret EA, Kennealey P. The use of thromboelastography to assess post-operative changes in coagulation and predict graft function in renal transplantation. *Am J Surg.* 2020 Dec;220(6):1511-1517. doi: 10.1016/j.amjsurg.2020.08.019. Epub 2020 Aug 27. PMID: 32878689; PMCID: PMC7450953.

Walrath T, **Dyamenahalli KU**, Hulsebus HJ, McCullough RL, Idrovo JP, Boe DM, McMahan RH, Kovacs EJ. Age-related changes in intestinal immunity and the microbiome. *J Leukoc Biol.* 2020 Oct 5. doi: 10.1002/JLB.3RI0620-405RR. Epub ahead of print. PMID: 33020981.

Whitbread JJ, Giuliano KA, Etchill EW, **Suarez-Pierre AI**, Lawton JS, Hsu S, Sharma K, Choi CW, Higgins RSD, Kilic A. An Analysis of Waitlist Inactivity Among Patients With Ventricular Assist Devices. *J Surg Res.* 2020 Nov 28:S0022-4804(20)30747-2. doi: 10.1016/j.jss.2020.11.010. Epub ahead of print. PMID: 33261857.

Whitbread JJ, Etchill EW, Giuliano KA, **Suarez-Pierre AI**, Lawton JS, Hsu S, Choi CW, Higgins RSD, Kilic A. Ventricular assist devices and middle age reduce heart transplantation rates for waitlist candidates. *J Card Surg.* 2020 Aug;35(8):1778-1786. doi: 10.1111/jocs.14650. Epub 2020 Jul 15. PMID: 32667067.

Wu YHA, **Samuels JM**, Harnke B, Negrini D, Al-Musawi MH, Meguid C, Ahrendt S, Schulick RD, Del Chiaro M, Oba A. Multifocal/diffuse pancreatic serous cystic neoplasms: Systematic review with a new case. *Pancreatology*. 2020 Jul;20(5):902-909. doi: 10.1016/j.pan.2020.04.015. Epub 2020 May 5. PMID: 32418758.

Yee EJ, Al-Temimi MH, Flick KF, Kilbane EM, Nguyen TK, Zyromski NJ, Schmidt CM, Nakeeb A, House MG, Ceppa EP. Use of primary surgical drains in synchronous resection for colorectal liver metastases: a NSQIP analysis of current practice paradigm. *Surg Endosc*. 2020 Sep 1. doi: 10.1007/s00464-020-07917-6. Epub ahead of print. PMID: 32875421.

Yee EJ, Gapinski ZA, Ziemba-Davis M, Nielson M, Meneghini RM. Quadriceps Weakness After Single-Shot Adductor Canal Block: A Multivariate Analysis of 1,083 Primary Total Knee Arthroplasties. *J Bone Joint Surg Am*. 2020 Oct 20. doi: 10.2106/JBJS.19.01425. Epub ahead of print. PMID: 33079899.

Yee EJ, Wang SK, Timsina LR, Ruiz-Herrera S, Liao JL, Donde NN, Fajardo AC, Motaganahalli RL. Propensity-Matched Outcomes of Transcarotid Artery Revascularization Versus Carotid Endarterectomy. *J Surg Res*. 2020 Aug;252:22-29. doi: 10.1016/j.jss.2019.12.003. Epub 2020 Mar 26. PMID: 32222590.

Yoeli D, Choudhury RA, Nydam TL, Pomposelli JJ, Goss JA, Pomfret EA, Wachs ME, Adams MA. The Surge in Deceased Liver Donors Due to the Opioid Epidemic: Is it Time to Split the Difference? *Transplantation*. 2020 Oct 12. doi: 10.1097/TP.0000000000003491. Epub ahead of print. PMID: 33065726.

Zakem SJ, Mueller AC, Meguid C, **Torphy RJ**, Holt DE, Schefter T, Messersmith WA, McCarter MD, Del Chiaro M, Schulick RD, Goodman KA. Impact of neoadjuvant chemotherapy and stereotactic body radiation therapy (SBRT) on R0 resection rate for borderline resectable and locally advanced pancreatic cancer. *HPB (Oxford)*. 2020 Dec 1:S1365-182X(20)31230-2. doi: 10.1016/j.hpb.2020.11.004. Epub ahead of print. PMID: 33277184.

Zhang Z, Zhou X, **Suarez-Pierre A**, Lui C, Kearney S, Yeung E, Halperin H, Choi CW, Katz J. Time-Resolved Echo-PIV/PTV Measurement of Interactions Between Native Cardiac Output and Venous-Arterial ECMO Flows. *J Biomech Eng*. 2020 Sep 11. doi: 10.1115/1.4048424. Epub ahead of print. PMID: 32914854.