

**ECU Department of Surgery
Published Research Inventory
1 January – 31 December 2019 Publications**

Division: Pediatric Surgery

Rodeberg, David, MD

1. Harris CJ, Waters AM, Tracy ET, Christison-Lagay E, Baertshiger RM, Ehrlich P, Abdessalam S, Aldrink JH, Rhee DS, Dasgupta R, Rodeberg DA, Lautz TB. Precision Oncology: A Primer for Pediatric Surgeons from the APSA Cancer Committee. *J Pediatr Surg*. 2019 Nov 1.
2. Mascarenhas L, Chi YY, Hingorani P, Anderson JR, Lyden ER, Rodeberg DA, Indelicato DJ, Kao SC, Dasgupta R, Spunt SL, Meyer WH, Hawkins DS. Randomized Phase II Trial of Bevacizumab or Temozolomide in Combination With Chemotherapy for First Relapse Rhabdomyosarcoma: A Report From the Children's Oncology Group. *J Clin Oncol*. 2019 Nov 1;37(31):2866-2874.
3. Hibbitts E, Chi YY, Hawkins DS, Barr FG, Bradley JA, Dasgupta R, Meyer WH, Rodeberg DA, Rudzinski ER, Spunt SL, Skapek SX, Wolden SL, Arndt CAS. Refinement of risk stratification for childhood rhabdomyosarcoma using FOXO1 fusion status in addition to established clinical outcome predictors: A report from the Children's Oncology Group. *Cancer Med*. 2019 Oct;8(14):6437-6448.
4. Casey DL, Chi YY, Donaldson SS, Hawkins DS, Tian J, Arndt CA, Rodeberg DA, Routh JC, Lautz TB, Gupta AA, Yock TI, Wolden SL. Increased local failure for patients with intermediate-risk rhabdomyosarcoma on ARST0531: A report from the Children's Oncology Group. *Cancer*. 2019 Sep 15;125(18):3242-3248.
5. Mascarenhas L, Lyden ER, Breitfeld PP, Walterhouse DO, Donaldson SS, Rodeberg DA, Parham DM, Anderson JR, Meyer WH, Hawkins DS. Risk-based treatment for patients with first relapse or progression of rhabdomyosarcoma: A report from the Children's Oncology Group. *Cancer*. 2019 Aug 1;125(15):2602-2609.

Walsh, Danielle, MD

1. Walsh DS, Gantt NL, Irish W, Sanfey HA, Stein SL. Policies and practice regarding pregnancy and maternity leave: An international survey. *Am J Surg*. 2019 Oct;218(4):798-802.
2. Walsh DS, Lazorick S, Lawson L, Lake D, Garrison HG, Higginson J, Vos P, Baxley E. The Teachers of Quality Academy: Evaluation of the Effectiveness and Impact of a Health Systems Science Training Program. *Am J Med Qual*. 2019 Jan/Feb;34(1):36-44.

Division: Plastics

Reisler, Tom, MBChBD

1. Brown V, Reisler T, Laks J. Nodular Melanoma in an African American Female. *Eplasty*. 2019 Apr 9.
2. Jordan MM, Accomazzo R, Gaweda G, Zeri RS, Reisler T. Fibroma of the Tendon Sheath Arising From the Flexor Digitorum Superficialis Tendon. *Eplasty*. 2019 Jan 14;19:ic3.

Zeri, Richard, MD

1. Jordan MM, Accomazzo R, Gaweda G, Zeri RS, Reisler T. Fibroma of the Tendon Sheath Arising From the Flexor Digitorum Superficialis Tendon. *Eplasty*. 2019 Jan 14

Division: General Surgery

DeMaria, Eric, MD

1. Kichler K, Rosenthal RJ, DeMaria E, Higa K. Reoperative surgery for nonresponders and complicated sleeve gastrectomy operations in patients with severe obesity. An international expert panel consensus statement to define best practice guidelines. *Surg Obes Relat Dis*. 2019 Feb;15(2):173-86.
2. Merz AE, Blackstone RB, Gagner M, Torres AJ, Himpens J, Higa KD, DeMaria, E, et al. Duodenal switch in revisional bariatric surgery: conclusions from an expert consensus panel. *Surg Obes Relat Dis*. 2019 Jun;15(6):894-9.
3. Ma P, Ghiassi S, Lloyd A, Haddad A, Boone K, DeMaria E, et al. Reversal of Roux en Y gastric bypass: largest single institution experience. *Surg Obes Relat Dis*. 2019 Aug;15(8):1311-6.
4. Bhandari M, Fobi MaL, Buchwald JN, DeMaria EJ. Standardization of Bariatric Metabolic Procedures: World Consensus Meeting Statement. *Obes Surg*. 2019 Jul;29(Suppl 4):309-45.

Division: Oncology

Verbanac, Kathryn, PhD

1. Zhu Y, Howard GA, Pittman K, Boykin C, Herring LE, Wilkerson EM, Verbanac K, Lu Q. Therapeutic Effect of Y-27632 on Tumorigenesis and Cisplatin-Induced Peripheral Sensory Loss through RhoA-NF- κ B. *Mol Cancer Res*. 2019 Sep;17(9):1910-1919

2. Torres E, Richman AR, Schreier AM, Vohra N, Verbanac K. An Evaluation of a Rural Community-Based Breast Education and Navigation Program: Highlights and Lessons Learned. *J Cancer Educ.* 2019 Apr;34(2):277-284.

Vohra, Nasreen, MD

1. Schreier AM, Johnson LA, Vohra NA, Muzaffar M, Kyle B. Post-Treatment Symptoms of Pain, Anxiety, Sleep Disturbance, and Fatigue in Breast Cancer Survivors. *Pain Manag Nurs.* 2019 Apr;20(2):146-151.

2. Johnson HM, Irish W, Vohra NA, Wong JH. The effect of local therapy on breast cancer-specific mortality of women with occult breast cancer and advanced nodal disease (N2/N3): a population analysis. *Breast Cancer Res Treat.* 2019 Aug;177(1):155-164.

3. Johnson HM, Irish W, Muzaffar M, Vohra NA, Wong JH. Quantifying the relationship between age at diagnosis and breast cancer-specific mortality. *Breast Cancer Res Treat.* 2019 Oct;177(3):713-722.

4. Byun JS, Park S, Yi DI, Shin JH, Hernandez SG, Hewitt SM, Nicklaus MC, Peach ML, Guasch L, Tang B, Wakefield LM, Yan T, Caban A, Jones A, Kabbout M, Vohra N, Nápoles AM, Singhal S, Yancey R, De Siervi A, Gardner K. Epigenetic re-wiring of breast cancer by pharmacological targeting of C-terminal binding protein. *Cell Death Dis.* 2019 Sep 18;10(10):689

5. Torres E, Richman AR, Schreier AM, Vohra N, Verbanac K. An Evaluation of a Rural Community-Based Breast Education and Navigation Program: Highlights and Lessons Learned. *J Cancer Educ.* 2019 Apr;34(2):277-284.

6. Vohra NA, Brinkley J, Kachare S, Muzaffar M. Reply to "Letter to the Editor" intent of surgery of the primary tumor in metastatic breast cancer remains palliative. *Breast J.* 2019 Mar;25(2):354-355.

Wong, Jan, MD

1. Johnson HM, Irish W, Vohra NA, Wong JH. The effect of local therapy on breast cancer-specific mortality of women with occult breast cancer and advanced nodal disease (N2/N3): a population analysis. *Breast Cancer Res Treat.* 2019 Aug;177(1):155-164.

2. Johnson HM, Irish W, Muzaffar M, Vohra NA, Wong JH. Quantifying the relationship between age at diagnosis and breast cancer-specific mortality. *Breast Cancer Res Treat.* 2019 Oct;177(3):713-722.

Zervos, Emmanuel, MD

1. Mosquera C, Johnson HM, Mitsakos AT, Neill NE, Bellamy N, Irish W, Zervos EE, Laks S. Predictive Value of Preoperative Serum CA19-9 on Margin Status. *Am Surg*. 2019 Sep 1;85(9):965-972.

Snyder, Rebecca, MD

1. Johnson HM, Mitchell KB, Snyder RA. Call to Action: Universal Policy to Support Residents and Fellows Who Are Breastfeeding. *J Grad Med Educ*. 2019 Aug;11(4):382-384

2. Snyder RA, Ewing JA, Parikh AA. Preoperative Portal Vein Embolization Is Not Associated with Increased Postoperative Complications After Major Hepatectomy: a Study of the National Surgical Quality Improvement Database. *J Gastrointest Surg*. 2019 Jul 24.

3. Snyder RA, Prakash LR, Nogueras-Gonzalez GM, Kim MP, Aloia TA, Vauthey JN, Lee JE, Fleming JB, Katz MHG, Tzeng CD. Perioperative blood transfusions for vein resection during pancreaticoduodenectomy for pancreatic adenocarcinoma: Identification of clinical targets for optimization. *HPB (Oxford)*. 2019 Jul;21(7):841-848.

Parikh, Alexander, MD

1. Broman KK, Parikh AA. ASO Author Reflections: Location of Primary Colorectal Cancer and Risk of Second Primary Malignancy. *Ann Surg Oncol*. 2019 Nov 15.

2. Cabo J, Shu X, Shu XO, Parikh A, Bailey C. Treatment at Academic Centers Decreases Insurance-Based Survival Disparities in Colon Cancer. *J Surg Res*. 2019 Aug 14;245:265-272.

3. Snyder RA, Ewing JA, Parikh AA. Preoperative Portal Vein Embolization Is Not Associated with Increased Postoperative Complications After Major Hepatectomy: a Study of the National Surgical Quality Improvement Database. *J Gastrointest Surg*. 2019 Jul 24.

4. Broman KK, Bailey CE, Parikh AA. Sidedness of Colorectal Cancer Impacts Risk of Second Primary Gastrointestinal Malignancy. *Ann Surg Oncol*. 2019 Jul;26(7):2037-2043.

5. Peluso H, Jones WB, Parikh AA, Abougergi MS. Treatment outcomes, 30-day readmission and healthcare resource utilization after pancreatoduodenectomy for pancreatic malignancies. *J Hepatobiliary Pancreat Sci*. 2019 May;26(5):187-194.

Division: Transplant

Leeser, David, MD

1. Habibollahi P, Mantell MP, Rosenberry T, Leeser DB, Clark TWI. Outcomes of a Polytetrafluoroethylene Hybrid Vascular Graft with Preloaded Nitinol Stent at the Venous Outflow for Dialysis Vascular Access. *Ann Vasc Surg*. 2019 Feb; 55:210-215.

Division: Trauma

Bard, Michael, MD

1. Edwards JD, Anciano CJ, Bard MR. Traumatic Pneumatocele. *Am Surg*. 2019 Sep 1;85(9):e465-e467.

Brownstein, Michelle, MD

1. Puzio T, Mangat S, Strassle P, Sredzienski E, Reid T, Brownstein M. Lidocaine Infusion as an Adjunct to Narcotics in Trauma Patients with Rib Fractures-A Pilot Study. *The American Surgeon; Atlanta*. 2019 Apr;85(4):E187-8.

2. Kratzke IM, Strassle PD, Schiro SE, Meyer AA, Brownstein MR. Risks and Realities of Delayed Splenic Bleeding. *The American Surgeon; Atlanta*. 2019 Aug;85(8):904-8.

3. Brownstein MR, Shen MR, Strassle PD, Meyers MO. Variation of surgery clerkship grades in US medical schools. *Am J Surg*. 2019 02;217(2):329-34.

4. Fakhry SM, Allawi A, Ferguson PL, Michetti CP, Newcomb AB, Liu C, Brownstein, MR, et al. Blunt small bowel perforation (SBP): An Eastern Association for the Surgery of Trauma multicenter update 15 years later. *J Trauma Acute Care Surg*. 2019 Apr;86(4):642-50.

Drake, Mack, DO

1. Kodadek LM, Freeman JJ, Tiwary D, Drake MD, Schroeder ME, Dultz L, White C, Aziz HA, Crandall M, Como JJ, Rattan R. Alcohol-Related Trauma Reinjury Prevention with Hospital-Based Screening in Adult Populations: an Eastern Association for the Surgery of Trauma Evidence-Based Systematic Review. *J Trauma Acute Care Surg*. 2019 Sep 4.

Garcia, Nicole, MD

1. Amin R, Leonard K, Garcia N, Anciano C. A Novel Endoscopic Approach in the Management of a Penetrating Esophageal Gunshot Wound. *Semin Thorac Cardiovasc Surg*. 2019 Autumn;31(3):622-624.

Toschlog, Eric, MD

1. Anderson VE, Gerardo CJ, Rapp-Olsson M, Bush SP, Mullins ME, Greene S, Toschlog EA, Quackenbush E, Rose SR, Schwartz RB, Charlton NP, Lewis B, Kleinschmidt KC, Sharma K, Lavonas EJ. Early administration of Fab antivenom resulted in faster limb recovery in copperhead snake envenomation patients. *Clin Toxicol (Phila)*. 2019 Jan;57(1):25-30.
2. Gerardo CJ, Vissoci JRN, de Oliveira LP, Anderson VE, Quackenbush E, Lewis B, Rose SR, Greene S, Toschlog EA, Charlton NP, Mullins ME, Schwartz R, Denning D, Sharma K, Kleinschmidt K, Bush SP, Brandehoff NP, Lavonas EJ. The validity, reliability and minimal clinically important difference of the patient specific functional scale in snake envenomation. *PLoS One*. 2019 Mar 5;14(3):e0213077.
3. Freiermuth CE, Lavonas EJ, Anderson VE, Kleinschmidt KC, Sharma K, Rapp-Olsson M, Toschlog EA, et al. Antivenom Treatment Is Associated with Fewer Patients using Opioids after Copperhead Envenomation. *West J Emerg Med*. 2019 May;20(3):497-505.
4. Udekwu P, Schiro S, Toschlog E, Farrell M, McIntyre S, Winslow J 3rd. Trauma system resource preservation: A simple scene triage tool can reduce helicopter emergency medical services overutilization in a state trauma system. *J Trauma Acute Care Surg*. 2019 Aug;87(2):315-321.
5. Lavonas EJ, Burnham RI, Schwarz J, Quackenbush E, Lewis B, Rose SR, Greene S, Toschlog EA, Charlton NP, Mullins ME, Schwartz R, Denning D, Sharma K, Kleinschmidt K, Bush SP, Anderson VE, Ginde AA, Gerardo CJ. Recovery from Copperhead Snake Envenomation: Role of Age, Sex, Bite Location, Severity, and Treatment. *J Med Toxicol*. 2019 Sep 3.

Division: Research

Irish, William, PhD

1. Mosquera C, Johnson HM, Mitsakos AT, Neill NE, Bellamy N, Irish W, Zervos EE, Laks S. Predictive Value of Preoperative Serum CA19-9 on Margin Status. *Am Surg*. 2019 Sep 1;85(9):965-972.
2. Walsh DS, Gantt NL, Irish W, Sanfey HA, Stein SL. Policies and practice regarding pregnancy and maternity leave: An international survey. *Am J Surg*. 2019 Oct;218(4):798-802.
3. Johnson HM, Irish W, Muzaffar M, Vohra NA, Wong JH. Quantifying the relationship between age at diagnosis and breast cancer-specific mortality. *Breast Cancer Res Treat*. 2019 Oct;177(3):713-722.

4. Brandman D, Lin H, McManus A, Agarwal S, Gache LM, Irish W, Gollob J, Živković SA. Evaluating Prognostic Factors for Liver Transplantation Among United States Patients With Hereditary Transthyretin-Mediated (hATTR) Amyloidosis Using National Registry Data. *Prog Transplant*. 2019 Sep;29(3):213-219.
5. Johnson HM, Irish W, Vohra NA, Wong JH. The effect of local therapy on breast cancer-specific mortality of women with occult breast cancer and advanced nodal disease (N2/N3): a population analysis. *Breast Cancer Res Treat*. 2019 Aug;177(1):155-164.
6. Schwartz JJ, Lee E, Butler AP, Facklam DP, Franks B, Spalding JR, Vassilakis ME, Thal GD, Irish WD. The Association of Tacrolimus Formulation Switching with Trough Concentration Variability: A Retrospective Cohort Study of Tacrolimus Use Post-Kidney Transplantation Based on National Drug Code (NDC) Numbers. *Adv Ther*. 2019 Jun;36(6):1358-1369.
7. Ravindra KV, Sanoff S, Vikraman D, Zaaroura A, Nanavati A, Sudan D, Irish W. Lymphocyte depletion and risk of acute rejection in renal transplant recipients at increased risk for delayed graft function. *Am J Transplant*. 2019 Mar;19(3):781-789.
8. Axelrod DA, Schnitzler MA, Xiao H, Irish W, Tuttle-Newhall E, Chang SH, Kasiske BL, Alhamad T, Lentine KL. An economic assessment of contemporary kidney transplant practice. *Am J Transplant*. 2018 May;18(5):1168-1176.
9. Ryan M, Donato BMK, Irish W, Gasteyer C, L'Italien G, Laurence J. Economic Impact of Early-in-Hospital Diagnosis and Initiation of Eculizumab in Atypical Haemolytic Uraemic Syndrome. *Pharmacoeconomics*. 2019 Dec 12.

Pories, Walter, MD

1. Turner M, Vigneswaran Y, Dewey E, Wolfe BM, Stroud AM, Spight D, Flum DR, Courcoulas A, Mitchell JE, Pories WJ, Pomp A, Husain FA. Weight loss and co-morbidity resolution between different races and ethnicities after gastric bypass. *Surg Obes Relat Dis*. 2019 Nov;15(11):1943-1948.
2. White GE, Courcoulas AP, King WC, Flum DR, Yanovski SZ, Pomp A, Wolfe BM, Spaniolas K, Pories W, Belle SH. Mortality after bariatric surgery: findings from a 7-year multicenter cohort study. *Surg Obes Relat Dis*. 2019 Oct;15(10):1755-1765.
3. Walker E, Elman M, Takemoto EE, Fennern E, Mitchell JE, Pories WJ, Ahmed B, Pomp A, Wolfe BM. Bariatric Surgery Among Medicare Subgroups: Short- and Long-Term Outcomes. *Obesity (Silver Spring)*. 2019 Nov;27(11):1820-1827.

4. Ahmed B, King WC, Gourash W, Hinerman A, Belle SH, Pomp A, Pories WJ, Courcoulas AP. Proximal Roux-en-Y gastric bypass: Addressing the myth of limb length. *Surgery*. 2019 Oct;166(4):445-455.
5. Jones TE, Pories WJ, Houmard JA, Tanner CJ, Zheng D, Zou K, Coen PM, Goodpaster BH, Kraus WE, Dohm GL. Plasma lactate as a marker of metabolic health: Implications of elevated lactate for impairment of aerobic metabolism in the metabolic syndrome. *Surgery*. 2019 Nov;166(5):861-866.
6. Gordon KH, King WC, White GE, Belle SH, Courcoulas AP, Ebel FE, Engel SG, Flum DR, Hinojosa MW, Pomp A, Pories WJ, Spaniolas D, Wolfe BM, Yanovski SZ, Mitchell JE. A longitudinal examination of suicide-related thoughts and behaviors among bariatric surgery patients. *Surg Obes Relat Dis*. 2019 Feb;15(2):269-278.
7. Pories WJ, Aronne LJ. It's Time for Multidisciplinary Obesity Management Centers. *Obesity (Silver Spring)*. 2019 Apr;27(4):534.
8. Menke MN, King WC, White GE, Gosman GG, Courcoulas AP, Dakin GF, Flum DR, Orcutt MJ, Pomp A, Pories WJ, Purnell JQ, Steffen KJ, Wolfe BM, Yanovski SZ. Conception rates and contraceptive use after bariatric surgery among women with infertility: Evidence from a prospective multicenter cohort study. *Surg Obes Relat Dis*. 2019 May;15(5):777-785.
9. Steffen KJ, King WC, White GE, Subak LL, Mitchell JE, Courcoulas AP, Flum DR, Strain G, Sarwer DB, Kolotkin RL, Pories W, Huang AJ. Changes in Sexual Functioning in Women and Men in the 5 Years After Bariatric Surgery. *JAMA Surg*. 2019 Jun 1;154(6):487-498.