

Annual Report of the Academic Output of DCRI Clinical Research Fellows

Academic Year: July 2019 – June 2020

ANNA HUNG , PharmD, PHD, MS – CO-CHIEF FELLOW

Training

Doctor of Pharmacy (2010-2014): University of Maryland School of Pharmacy, Baltimore, MD

Master of Science in Pharmaceutical Health Services Research (2014-2016): University of Maryland School of Pharmacy, Baltimore, MD

Doctor of Philosophy in Pharmaceutical Health Services Research (2014-2018): University of Maryland School of Pharmacy, Baltimore, MD

Clinical Research Fellowship (2018-2020): Duke Clinical Research Institute, Durham, NC

Awards/Grants

Pharmaceutical Research and Manufacturers of America Grant

The Society of Thoracic Surgeons / American College of Cardiology Transcatheter Valve Replacement Registry Research Proposal Application

ADAM NELSON, HBMedSc (hons), MBBS, PhD – CO-CHIEF FELLOW

Training

Medical School (2004-2010): University of Adelaide, South Australia

Honors Bachelor of Medical Science (2007): University of Adelaide, South Australia

Intern Medical Officer (2011): Royal Adelaide Hospital, South Australia

General Residency (2012-2014): Royal Adelaide Hospital, South Australia

Doctor of Philosophy (2013-2018): University of Adelaide, South Australia

Cardiology Fellowship (2015-2017): Royal Adelaide Hospital, South Australia

Clinical Research Fellowship (2018-2020): Duke Clinical Research Institute, Durham, NC

Awards/Grants

Australian Government Medical Research Future Fund

CTTI Pragmatic Clinical Trial Scoping Review

Diabetes Australia: Research Establishment Fellowship (2019)

Royal Australian College of Physicians: Traveling Fellowship (2018-2020)

National Heart Foundation: Traveling Fellowship 2018-2020

SAMIA ALEEM, MD, MHS

Training

Medical School (2006-2011): Jinnah Sindh Medical University, Karachi, Pakistan

Pediatric Residency (2014-2017): Einstein Medical Center, Philadelphia, PA

Neonatal-Perinatal Medicine Fellowship (2017-present): Duke University Medical Center, Durham, NC

Clinical Research Fellowship (2018-2020): Duke Clinical Research Institute, Durham, NC

Awards/Grants

44th Southeastern Conference on Perinatal Research 2020 Travel Funding, 01/2020

Women in Neonatology, Workshop on Perinatal Practice Strategies, Travel Grant, 03/2020

Society for Pediatric Research (SPR) Fellows' Clinical Research Award, 05/2020

Quantitative Training

Clinical Research Training Program, Masters of Health Sciences in Clinical Research, Duke University School of Medicine, Durham, NC (Degree May 2020)

ERIC BLACK-MAIER, MD

Training

Medical School (2010-2014): Duke University School of Medicine, Durham, NC

Internal Medicine Residency (2014-2017): Duke University Medical Center, Durham, NC

Cardiovascular Disease Fellowship (2017-2020): Duke University Medical Center, Durham, NC

Clinical Research Fellowship (2019-2020): Duke Clinical Research Institute, Durham, NC

Clinical Cardiac Electrophysiology Fellowship (2020-current): Duke University Medical Center, Durham, NC

Awards/Grants

Boston Scientific BD-STAR Grant

ANTHONY CARNICELLI, MD

Training

Doctor of Medicine (2010-2014): University of Rochester School of Medicine and Dentistry, Rochester, NY

Internship in Internal Medicine (2014-2015): Brigham and Women's Hospital, Boston, MA

Residency in Internal Medicine (2015-2017): Brigham and Women's Hospital, Boston, MA

Clinical Cardiology Fellowship (2017-2020): Duke University Medical Center, Durham, NC

Clinical Research Fellowship (2019-2021): Duke Clinical Research Institute, Durham, NC

Awards/Grants

Duke Investing in Innovation Award (2018-2020)

National Institutes of Health Loan Repayment Program Award (2018-2020)

National Institutes of Health T32 Training Grant (2019-2020)

DEREK CHEW, MD

Training

Medical School (2007-2011): University of Toronto, Canada

Internal Medicine Residency (2011-2014): University of Calgary, Canada

Clinical Cardiology Fellowship (2014-2017): University of Calgary, Canada

Cardiac Electrophysiology Fellowship (2017-2019): University of Calgary, Canada

Clinical Research Fellowship (2019-2021): Duke Clinical Research Institute, Durham, NC

Awards/Grants:

Canadian Institutes of Health Research Banting Post-Doctoral Fellowship (2019-2021): Salary Support

Duke Clinical Research Institute Executive's Director Pathway to Research Funding Award

Quantitative Training:

London School of Economics and Political Science (2017-2020): MSc (Health Economics, Outcomes and Management in Cardiovascular Sciences)

SARAH JANE COMMANDER, MD

Training

Medical School (2013-2017): Baylor College of Medicine, Houston, TX

Residency (2017-present): Duke University Medical Center, Durham, NC

Clinical Research Fellowship (2019-2021): Duke Clinical Research Institute, Durham, NC

Pediatric Clinical Pharmacology Fellow, Duke-UNC Clinical Pharmacology T32 Research Fellowship (2019-2021): Eunice Kennedy Shriver National Institute of Child Health and Human Development

Awards/Grants

The Thrasher Foundation Early Career Award

Association for Academic Surgery Global Surgery Research Fellowship Award

Duke Clinical Research Institute Executive's Director Pathway Research Fellows Award

Duke-UNC Clinical Pharmacology T32 Research Fellowship Award

Quantitative Training

Clinical Research Training Program, Masters of Health Sciences in Clinical Research: Duke University School of Medicine, Durham, NC (anticipated degree May 2021)

SARAH GOLDSTEIN, MD

Training

Medical School (2009-2013): University of North Carolina-Chapel Hill, Chapel Hill, NC

Internal Medicine Residency (2013-2016): Duke University Medical Center, Durham, NC

Clinical Cardiology Fellowship (2016-2020): Duke University Medical Center, Durham, NC

Clinical Research Fellowship (2018-2020): Duke Clinical Research Institute, Durham, NC

Awards/Grants

Boston Scientific-Duke University Strategic Alliance in Research (BD-STAR) Program (2020-2021)

Colin's Kids Foundation Award (2020-2021)

OLIVER JAWITZ, MD, MHS

Training

Medical School (2011-2016): Yale School of Medicine, New Haven, CT

General Surgery Residency (2016-present): Duke University Medical Center, Durham, NC

Clinical Research Fellowship (2018-2020): Duke Clinical Research Institute, Durham, NC

Awards/Grants

NIH T32 Training Grant (2018-2020): Received salary support from the Division of Cardiology Institutional Training Award

American Heart Association (AHA) Council on Cardiovascular Surgery and Anesthesia (CVSA) Abstract Travel Grant

Quantitative Training

Clinical Research Training Program, Masters of Health Sciences in Clinical Research: Duke University School of Medicine, Durham, NC (degree May 2020)

ZAK LORING, MD, MHS

Training

Medical School (2008-2013): Duke University School of Medicine, Durham, NC

Residency (2013-2016): University of California San Francisco, San Francisco, CA

Clinical Fellowship (2016-present): Duke University Medical Center, Durham, NC

Clinical Research Fellowship (2018-2020): Duke Clinical Research Institute, Durham, NC

Awards/Grants

Duke Clinical Research Institute Executive's Director's Pathway to Research Funding Award

Boston Scientific-Duke Strategic Alliance for Research Award (2018-2019): Received project support for "ECG predictors of Pacemaker Induced Cardiomyopathy" from Boston Scientific, Malborough, MA.

Quantitative Training

Clinical Research Training Program, Masters of Health Sciences in Clinical Research: Duke University School of Medicine, Durham, NC (degree May 2020)

RAHUL LOUNGANI, MD

Training

Medical School (2010-2014): Medical University of South Carolina, Charleston SC

Internal Medicine Residency (2014-2017): Johns Hopkins Hospital, Baltimore, MD

Clinical Cardiology Fellowship (2017-2019): Duke University Medical Center, Durham NC

Clinical Research Fellowship (2019-2020): Duke Clinical Research Institute, Durham NC

Awards/Grants

American Heart Association Strategically Focused Research Network Fellow (2019-2020)

Pfizer Incorporated (2019-2020): Investigator initiated project describing the natural history of conduction disease in cardiac amyloidosis

Boston Scientific-Duke University Strategic Alliance in Research (BD-STAR) Program (2018-2019)

GUILLAUME MARQUIS-GRAVEL, MD, MSC

Training

Medical School (2005-2011): Université de Montréal, Canada

Internal Medicine Residency (2011-2014): Université de Montréal, Canada

Cardiology Fellowship (2014-2017): Université de Montréal (Dean's Honour List)

Interventional Cardiology Fellowship (2017-2018): Duke University Medical Center, Durham, NC

Clinical Research Fellowship (2018-2020): Duke Clinical Research Institute, Durham, NC

Awards/Grant

Duke Clinical Research Institute Executive's Director Pathway Research Fellows Award

Canadian Institute of Health Research Fellowship Bursary (2018-2020): Salary support for two-year research fellowship at DCRI

Canadian Cardiovascular Society Trainee Excellence in Education Award

CHRISTOPHER MOSHER, MD

Training

Medical School (2010-2014): Indiana University School of Medicine, Indianapolis, IN

Internal Medicine Residency (2014-2017): Indiana University School of Medicine, Indianapolis, IN

Pulmonary and Critical Care Medicine Fellowship (2017-present): Duke University Medical Center, Durham, NC

Clinical Research Fellowship (2018-2020): Duke Clinical Research Institute, Durham, NC

Awards/Grants

Alpha Omega Alpha (AOA) Medical Honor Society – Duke Chapter Spring 2020

American College of Chest Physicians: 2019 CHEST Foundation Research Grant in Chronic Obstructive Pulmonary Disease

NIH T-32 Training Grant (2019-present): Salary from the Division of Pulmonary Institutional Training Award

Quantitative Training

Clinical Research Training Program, Masters of Health Sciences in Clinical Research: Duke University School of Medicine, Durham, NC (anticipated degree Fall 2020)

MICHAEL NANNA, MD

Training

Medical School (2008-2012): Stony Brook University School of Medicine, Stony Brook, NY

Internal Medicine Residency (2012-2015): Yale-New Haven Hospital, New Haven, CT

Internal Medicine Chief Residency (2015-2016): Yale-New Haven Hospital, New Haven, CT

Clinical Cardiology Fellowship (2016-2018): Duke University Medical Center, Durham NC

InnovateMD Fellow (2018-2019): Duke University Medical Center, Durham, NC

Clinical Research Fellowship (2018-2020): Duke Clinical Research Institute, Durham, NC

Awards/Grants

NIH T32 Training Grant (2018-2020): Received salary support from the Division of Cardiology Institutional Training Award

Duke Cardiology Fellowship Brandt & Belinda Louie Award, for all-around excellence in Clinical Care, Teaching, & Research, 2020

Quantitative Training

Clinical Research Training Program, Masters of Health Sciences in Clinical Research: Duke University School of Medicine, Durham, NC (anticipated degree Fall 2020).

MARC SAMSKY, MD

Training

Medical School (2009-2013): Duke University School of Medicine, Durham NC

Residency (2013-2016): Duke University Medical Center, Durham, NC

Chief Resident (2017-2018): Duke University Medical Center/Durham Veterans Affairs Health System, Durham, NC

Clinical Fellowship (2016-2017, 2018-2019): Duke University Medical Center, Durham, NC

Clinical Research Fellowship (2019-2021): Duke Clinical Research Institute, Durham, NC

Awards/Grants

NIH T32 Training Grant (2019-present)

Boston Scientific BD-STAR Grant (2020)

Duke School of Medicine Core Research Voucher (2020)

MATTHEW SINCLAIR, MD

Training

Medical School (2010-2014): Howard University College of Medicine, Washington, DC

Residency (2014-2017): Zucker School of Medicine at Hofstra/Northwell, Manhasset, NY

Chief Residency (2017-2018): Zucker School of Medicine at Hofstra/Northwell, Manhasset, NY

Clinical Nephrology Fellowship (2018-2021): Duke University School of Medicine, Durham, NC

Clinical Research Fellowship (2019-2021): Duke Clinical Research Institute, Durham, NC

Awards

Karen L. Campbell, PhD Travel Support Recipient to ASN Kidney Week 2019

2nd Place in Clinical Research Category at Southern Society for Clinical Investigation Nephrology Young Investigators' Forum

NIH T32 Training Grant

Quantitative Training

Clinical Research Training Program, Masters of Health Sciences: Duke University School of Medicine, Durham, NC (anticipate degree Spring 2021)

ZACH WEGERMANN, MD

Training

Medical School (2010-2014): The George Washington University School of Medicine, Washington, DC

Residency (2014-2017): Duke University Medical Center, Durham, NC

Clinical Fellowship (2017-present): Duke University Medical Center, Durham, NC

Clinical Research Fellowship (2019-2021): Duke Clinical Research Institute, Durham, NC

E. HOPE WEISSLER, MD

Training

Medical School (2012-2017): Icahn School of Medicine at Mount Sinai, New York, NY

Intern Plastic and Reconstructive Surgery (2017-2018): Duke University Medical Center, Durham, NC

Integrated Vascular Surgery Residency (2018-2024, anticipated): Duke University Medical Center, Durham, NC

Clinical Research Fellowship (2019-2021): Duke Clinical Research Institute, Durham, NC

Awards/Grants

R38 HL143612/HL/NHLBI NIH HHS/United States: Received salary and research support

DIHI Innovation Pilot 2020-2021, Co-Investigator: Received project support

Department of Population Health Sciences MarketScan Pilot Project: Received project support

Quantitative Training

Clinical Research Training Program, Masters of Health Sciences: Duke University School of Medicine, Durham, NC (anticipate degree Spring 2021)

DAVID A. WILLIAMS, MD, MPH

Training

Graduate School (2007-2008): Columbia University, New York, NY

Medical School (2009-2013): State University of New York (SUNY) Downstate Medical Center, Brooklyn, NY

Anesthesiology Residency (2013-2017): State University of New York (SUNY) Downstate Medical Center, Brooklyn, NY

Chief Resident, Anesthesiology (2016-2017): State University of New York (SUNY) Downstate Medical Center, Brooklyn, NY

Perioperative Medicine Fellowship (2017-2018): Duke University Medical School, Durham, NC

Clinical Research Fellowship (2018-2020): Duke Clinical Research Fellowship, Durham, NC

Awards/Grants

NIH T32 Duke Training in Anesthesiology Research

ASPEN 2020 Baxter Grant for Parenteral Nutrition Research

JEDREK WOSIK, MD

Training

Medical School (2009-2013): Baylor College of Medicine, Houston, TX

Residency (2013-2016): UT Southwestern Medical Center, Dallas, TX

Chief Resident (2016-2017): UT Southwestern Medical Center, Dallas, TX

General Cardiology Fellowship (2017-2020): Duke University Medical Center, Durham, NC

Clinical Informatics Fellowship (2019-2021): Duke University Medical Center, Durham, NC

Clinical Research Fellowship (2019-2021): Duke Clinical Research Fellowship, Durham, NC

Awards/Grants

Duke Institute for Health Innovation Pilot Award “Analyzing Patient Portal Messages with Natural Language Processing” 2019

Duke Institute for Health Innovation Pilot Award “Chest Pain Assessment Tool: FHIR-enabled Clinical Decision Support” 2019

Aleem S., Bhutta ZA. Neonatology, a global perspective. In Herting E, Kiess W (eds): Innovations and Frontiers in Neonatology. *Pediatr Adolesc Med Basel*, Karger, 2020, vol 22, pp 1–12 (DOI: 10.1159/000495429)

Black-Maier E, Rehorn M, Loungani R, Freidman DJ, Alenezi F, Geurink K, Pokorney SD, Daubert JP, Sun AY, Atwater BD, Jackson KP, Hegland DD, Thomas KL, Bahnson TD, Khouri MG, Piccini JP. Catheter ablation of atrial fibrillation in cardiac amyloidosis. *Pacing Clin Electrophysiol* 2020. (Online ahead of print) (PMID: 32573789)

Wang A, Truong T, **Black-Maier E,** Green C, Campbell KB, Barnett AS, Febre J, Loring Z, Al-Khatib SM, Atwater BD, Daubert JP, Frazier-Mills CM, Hegland DD, Jackson KP, Jackson LR, Koontz JI, Lewis RK, Pokorney SD, Sun AY, Thomas KL, Bahnson TD, Piccini JP. Catheter ablation of atrial fibrillation in patients with diabetes mellitus. *HeartRhythm O2* 2020. Open Access, Published Online, May 11, 2020.

Black-Maier E, Lewis RK, Barnett AS, Pokorney SD, Sun AY, Koontz JI, Daubert JP, Piccini JP. Subcutaneous implantable cardioverter-defibrillator troubleshooting in patients with left ventricular assist devices: a case series and systematic review. *Heart Rhythm* 2020. (Online ahead of print) (PMID: 32304733)

Rehorn MR, Koontz JI, Barnett AS, **Black-Maier E,** Piccini JP, Loring Z, Schroder JN, Sun AY. Noninvasive electrocardiographic mapping of ventricular tachycardia in a patient with a left ventricular assist device. *HeartRhythm Case Rep* 2020;6(7):398-401. (PMID: 32695586)

Black-Maier E, Lewis RK, Loungani R, Rehorn MR, Friedman DJ, Frazier-Mills C, Jackson KP, Atwater BD, Milano CA, Schroder JN, Pokorney SD, Piccini JP. Implantable cardioverter-defibrillator lead revision following left ventricular assist device implantation. *J Cardiovasc Electrophysiol* 2020;31(6):1509-1518. (PMID: 32275340)

Black-Maier E, Piccini JP, Bishawi M, Pokorney SD, Bryner B, Schroder JN, Fowler VG, Katz JN, Haney JC, Milano CA, Nicoara A, Hegland DD, Daubert JP, Lewis RK. Lead extraction for cardiovascular implantable electronic device infection in patients with left ventricular assist devices. *JACC Clin Electrophysiol* 2020;6(6):672-680. (PMID: 32553217)

Chew DS, **Black-Maier E,** Loring Z, Noseworthy PA, Packer DL, Exner DV, Mark DB, Piccini JP. Diagnosis-to-ablation time and recurrence of atrial fibrillation following catheter ablation: A systematic review and meta-analysis of observational studies. *Circ Arrhythm Electrophysiol* 2020;13(4):e008128. (PMID: 32191539)

Pokorney SD, **Black-Maier E,** Hellkamp AS, Friedman DJ, Vemulapalli S, Granger CB, Thomas L, Peterson ED, Piccini JP. Oral anticoagulation and cardiovascular outcomes in patients with atrial fibrillation and end-stage renal disease. *J Am Coll Cardiol* 2020;75(11):1299-1308. (PMID: 32191539)

Loungani RS, Rehorn MR, Geurink KR, Coniglio AC, **Black-Maier E,** Pokorney SD, Khouri MG. Outcomes following cardioversion for patients with cardiac amyloidosis and atrial fibrillation or atrial flutter. *Am Heart J* 2020;222:26-29. (PMID: 32004797)

Black-Maier E, Steinberg BA, Trulock KM, Wang F, Lokhyngina Y, O’Neal W, Al-Khatib S, Atwater BD, Daubert JP, Frazier-Mills CM, Hegland DD, Jackson KP, Jackson LR, Koontz JI, Sun AY, Thomas KL, Bahnson TB, Piccini JP. Effectiveness of catheter ablation of atrial fibrillation according to heart failure etiology. *J Arrhythmia* 2020;36(1):84-92. (PMID: 32071625)

Zeitler EP, Friedman DJ, Loring Z, Campbell KB, Goldstein SA, Wegerman ZK, Schutz J, Smith N, **Black-Maier E**, Al-Khatib SM, Piccini JP. Complications involving the subcutaneous implantable cardioverter-defibrillator. Lessons learned from MAUDE. *Heart Rhythm* 2019;24(19):30857-4. (PMID:31561032)

Black-Maier E, Parish A, Steinberg BA, Green CL, Loring Z, Barnett AS, Al-Khatib SM, Atwater BD, Daubert JP, Frazier-Mills C, Hegland DD, Jackson KP, Jackson LR, Koontz J, Lewis RK, Pokorney SD, Sun AY, Thomas KL, Bahnson TD, Piccini JP. Predicting atrial fibrillation recurrence after ablation in patients with heart failure: Validity of the APPLE and CAAP-AF risk scoring systems. *Pacing Clin Electrophysiol* 2019;42(11):1440-1447. (PMID: 31544956)

Black-Maier E, Piccini JP, Granger CB. Left atrial appendage closure: A therapy uniquely suited for specific populations of patients with atrial fibrillation. *J Cardiovasc Electrophysiol* 2019;30(12):2968-2976. (PMID: 31520437)

Pokorney SD, **Black-Maier E**, Piccini JP. Reply: Oral anticoagulation and cardiovascular outcomes in patients with atrial fibrillation and end-stage renal disease. *J Am Coll Cardiol* 2020;76(3):351-352. (PMID: 32674801)

Carnicelli AP, Granger CB. In patients with recent ACS and uncontrolled dyslipidemia, Alirocumab reduced MACE regardless of previous CABG. *Ann Intern Med* 2020;172(2):JC3. (PMID 31958817)

Berg DD, Barnett CF, Kenigsberg BB, Papolos A, Alviar CL, Baird-Zars VM, Barsness GW, Bohula EA, Brennan J, Burke JA, **Carnicelli AP**, Chaudhry SP, Cremer PC, Daniels LB, DeFilippis A, Gerber DA, Hollenberg S, Horowitz JM, Gladden JD, Katz JN, Keeley EC, Keller N, Kontos MC, Lawler PR, Menon V, Metkus TS, Miller E, Nativi-Nicolau J, Newby LK, Park JG, Phreaner N, Roswell RO, Schulman SP, Sinha SS, Snell J, Solomon MA, Teuteberg JJ, Tymchak W, van Diepen S, Morrow DA. Clinical practice patterns in temporary mechanical circulatory support for shock in the Critical Care Cardiology Trials Network (CCCTN) Registry. *Circ Heart Fail* 2019;12(11):e006635. (PMID: 31707801)

Guimarães PO, Pokorney SD, Lopes RD, Wojdyla DM, Gersh BJ, Giczewska A, **Carnicelli AP**, Lewis BS, Hanna M, Wallentin L, Vinereanu D, Alexander JH, Granger CB. Efficacy and safety of apixaban versus warfarin in patients with atrial fibrillation and prior bioprosthetic valve replacement or valve repair: insights from the ARISTOTLE trial. *Clin Cardiol* 2019;42(5):568-571. (PMID 30907005)

Carnicelli AP, Clare R, Chiswell K, Lytle B, Bjursell M, Perl S, Andersson K, Hedman K, Pagidipati N, Vemulapalli S, Roe M, Mentz RJ. Comparison of characteristics and outcomes of patients with heart failure with preserved ejection fraction with versus without hyperuricemia or gout. *Am J Cardiol* 2020;127:64-72. (PMID: 32386813)

Carnicelli AP, Sun JL, Alhanti B, Bjursell M, Perl S, Lytle B, Roe MT, Mentz RJ. Elevated uric acid and clinical outcomes in patients with heart failure with preserved ejection fraction: Insights from RELAX. *Am J Med* 2020;S0002-9343(20)30370. (Online ahead of print) (PMID: 32416181)

Chew DS, Rennert-May E, Spackman E, Mark DB, Exner DV. Cost-effectiveness of extended electrocardiogram monitoring for atrial fibrillation after stroke: A systematic review. *Stroke* 2020;51(7):2244-2248. (PMID: 32498661)

Rennert-May E, **Chew DS**, Lu S, Chu A, Kuriachan V, Somayaji R. Epidemiology of cardiac implantable electronic device infections: A population-based cohort study. *Heart Rhythm* 2020;S1547-527(20)30114-4. (Online ahead of print) (PMID: 32087358)

Chew DS, Black-Maier E, Loring Z, Noseworthy PA, Packer DL, Exner DV, Mark DB, Piccini JP. Diagnosis-to-ablation time and recurrence of atrial fibrillation following catheter ablation: A systematic review and meta-analysis of observational studies. *Circ Arrhythm Electrophysiol* 2020;13(4):e008128. (PMID: 32191539)

Wilton SB, **Chew DS**. Follow-up of patients with atrial fibrillation discharged from the Emergency Department: Why, Who, When and How? *Circ Arrhythm Electrophysiol* 2019;(12):e008087. (PMID: 31838914)

Chew DS, Quinn FR, Wilton SB. Narrow complex tachycardia with an unusual block. *Circulation* 2019;140(24):2040-2043. (PMID: 31815540)

Chew DS, Somayaji R, Conly J, Exner DV, Rennert-May E. Timing of device reimplantation and reinfection rates following cardiac implantation electronic device infection: A systematic review and meta-Analysis. *BMJ Open* 2019;9(9):e029537. (PMID: 31481556)

Chew DS, Piccini JP. Post-procedural antithrombotic therapy following left atrial appendage occlusion: No longer adrift in uncertainty? *Circ Cardiovasc Interv* 2020;13(7):e009534. (PMID: 32674680)

Commander SJ, Gao J, Zinkhan EK, Heresi G., Courtney SE, Lavery AP, Delmore P, Sokol GM, Moya F, Benjamin D, Bumpass TG, Debski J, Erinjeri J, Sharma G, Tracy ET, Smith BP, Cohen-Wolkowicz M, Hornik CP. Safety of metronidazole in late pre-term and term infants with complicated intraabdominal infections. *Pediatr Infect Dis* 2020. (Online ahead of print) (PMID: 32453198)

Reed CR, **Commander SJ**, Sekabira J, Kisa P, Kakembo N, Wesonga A, Langer M, Villanova GA, Ozgediz D, Fitzgerald TN. Comparison of Ugandan and North American pediatric surgery fellows' operative experience: Opportunities for global training exchange. *J Surg Educ* 2020;77(3):606-614. (PMID:31862316)

Jeffrey Yan CF, Shah S, Ramakrishnan D, Raman V, Diao K, Wang H, **Commander S**, D'Amico T, Berry MF. Impact of positive margins and radiation after tracheal adenoid cystic carcinoma resection on survival. *Ann Thorac Surg* 2020;109(4):1026-1032. (PMID: 31589850)

Commander SJ, Ellis D, Williamson H, Grabski D, Sallah AY, Derbew M, Fitzgerald TN. Predictors of burnout and depression in surgeons practicing in east, central, and southern Africa. *J Surg Res* 2020;255:536-548. (PMID: 32640405)

Fudim M, Dalgaar F, Al-Khatib SM, Friedman D, Lallinger K, Abraham WT, Cleland JGF, Curtic AB, Gold MR, Kutuyifa V, Linde C, Schraber DE, Tang A, Ali-Ahmed F, **Goldstein SA**, Kaufman B, Fortman R, Davis KJ, Inoue LYT, Sanders GD. Future research prioritization in cardiac resynchronization therapy. *Am Heart J* 2020;223:48-58 (PMID: 32163753)

Zeitler EP, Friedman DJ, Loring Z, Campbell KB, **Goldstein SA**, Wegermann ZK, Shutz J, Smith N, Black-Maier E, Al-Khatib SM, Piccini JP. Complications involving the subcutaneous implantable cardioverter-defibrillator: Lessons learned from MAUDE. *Heart Rhythm* 2020;17(3):447-454. (PMID: 31561032)

Goldstein SA, Green J, Huber K, Wojdyla DM, Lopes RD, Alexander JH, Vinereaunu D, Wallentin L, Granger CM, Al-Khatib SM. Characteristics and outcomes of atrial fibrillation in patients with thyroid disease (from the ARISTOTLE Trial). *Am J Cardio* 2019;124(9):1406-1412. (PMID: 31474328)

Goldstein SA, D'Ottavio A, Spears T, Chiswell K, Hartman RJ, Krasuski RA, Kemper AR, Meyer RE, Hoffman TM, Walsh MJ, Sang CJ, Paolillo J, Li JS. Causes of death and cardiovascular comorbidities in adults with congenital heart disease. *J Am Heart Assoc* 2020;9(14):e016400. (PMID: 32654582)

- Maciejewski ML, **Hung A**. High-deductible health plans and health savings accounts: A Match Made in heaven but not for this irrational world. *JAMA Netw Open* 2020;3(7):e2011000. (PMID: 32678447)
- Hung A**, Schneider M, Hamilton Lopez M, McClellan M. Preclinical Alzheimer's disease drug development: early considerations based on Phase III clinical trials. *J Manag Care Spec Pharm* 2020;26(7):888-900. (PMID: 32584672)
- Hung A**, Jois B, Lugo A, Slejko JF. Cost-effectiveness of diabetes treatment sequences to inform step therapy policies. *Am J Manag Care* 2020;26(3):e76-e83. (PMID: 32181619)
- Hung A**, Bush C, Greiner M, Campbell H, Hammill B, Maciejewski M, McKethan A. Risk factors and outcomes of opioid users with and without concurrent benzodiazepine use in the North Carolina Medicaid population. *J Manag Care Spec Pharm* 2020;26(2):169-175. (PMID:32011957)
- Hung A**, Li Y, Keefe FJ, Ang DC, Slover J, Perera RA, Dumenci L, Reed SD, Riddle DL. Ninety-day and one-year healthcare utilization and costs after knee arthroplasty. *Osteoarthritis Cartilage* 2019;27(10):1462-1469. (PMID: 31176805)
- Hung A**, Slejko JF, Lugo A, Shaya F, Haines ST, Mullins CD. Validating a budget impact model using payer insight and claims data: A framework and case study. *J Manag Care Spec Pharm* 2019;25(8):913-921. (PMID: 31347981)
- Hung A**, Lugo A, Mullins CD. Modeling the budgetary impact of payer utilization management strategies: An adapted framework based on lessons learned. *J Manag Care Spec Pharm* 2019;25(8):922-926. (PMID: 31347978)
- Jawitz OK**, Gulack BC, Brennan JM, Thibault DP, Wang A, O'Brien SM, Schroder JN, Gaca JG, Smith PK. Association of postoperative complications and outcomes following coronary artery bypass grafting. *Am Heart J* 2020;222:220-228. (PMID: 32105988)
- Raman V, **Jawitz OK**, Voigt SL, Yang CJ, Wang H, Harpole DH, D'Amico TA. Effect of time to surgery on outcomes in Stage I esophageal adenocarcinoma. *J Thorac Cardiovasc Surg* 2020;159(4):1626-1635.e1. (PMID: 31740115)
- Jawitz OK**, Raman V, Barac YD, Anand J, Patel CB, Mentz RJ, DeVore AD, Milano C. Influence of donor brain death duration on outcomes following heart transplantation: A United Network for Organ Sharing Registry analysis. *J Thorac Cardiovasc Surg* 2020;159(4):1345-1353.e2. (PMID: 31147170)
- Barac YD, Mulvihill MS, **Jawitz O**, Klapper J, Haney J, Daneshmand M, Nasir B, Chen D, Milano CA, Hartwig MG. Increased calculated panel reactive antigen is associated with increased waitlist time and mortality in lung transplantation. *Ann Thorac Surg* 2020. (Online ahead of print) (PMID: 32251655)
- Jawitz OK**, Raman V. Commentary: One size fits all, maybe. *J Thorac Cardiovasc Surg* 2020. (Online ahead of print) (PMID: 32336516)
- Rhodin KE, Raman V, **Jawitz OK**, Tong BC, Harpole DH, D'Amico TA. The effect of timing of adjuvant therapy on survival after esophagectomy. *Ann Thorac Surg* 2020. (Online ahead of print) (PMID: 32330471)

Raman V, **Jawitz OK**, Yang CJ, Tong BC, D'Amico TA, Berry MF, Harpole DH, Jr. Adjuvant therapy for patients with early large cell lung neuroendocrine cancer: A National Analysis. *Ann Thorac Surg* 2019;108(2):377-383. (PMID: 31004586)

Raman V, **Jawitz OK**, Yang CJ, Voigt SL, Tong BC, D'Amico TA, Harpole DH. Outcomes for surgery in large cell lung neuroendocrine cancer. *J Thorac Oncol* 2019;14(12):2143-2151. (PMID: 31557535)

Raman V, **Jawitz OK**, Voigt SL, Farrow NE, Yang CJ, D'Amico TA, Harpole DH, Jr. Surgery is associated with survival benefit in T4a esophageal adenocarcinoma: A National Analysis. *Ann Thorac Surg* 2019;108(6):1633-1639.(PMID: 31356800)

Raman V, **Jawitz OK**, Yang CJ, Voigt SL, Wang H, D'Amico TA, Harpole DH, Tong BC. Outcomes of surgery versus chemoradiotherapy in patients with clinical or pathologic stage N3 non-small cell lung cancer. *J Thorac Cardiovasc Surg* 2019;158(6):1680-1692.e2. (PMID: 31606169)

Voigt SL, Raman V, **Jawitz OK**, Bishawi M, Yang CJ, Tong BC, D'Amico T, Harpole DH. The role of neoadjuvant chemotherapy in patients with resectable malignant pleural mesothelioma - An Institutional and National Analysis. *J Natl Cancer Inst* 2020. (Online ahead of print) (PMID: 32011691)

Matos JD, McIlvaine S, Grau-Sepulveda M, **Jawitz OK**, Brennan JM, Khabbaz KR, Sellke FW, Yeh R, Zimetbaum P. Anticoagulation and amiodarone for new atrial fibrillation after coronary artery bypass grafting: Prescription patterns and 30-day outcomes in the United States and Canada. *J Thorac Cardiovasc Surg* 2020. (Online ahead of print) (PMID: 32197901)

Barac YD, Nevo A, **Jawitz O**, Hashmi NK, Henkel P, Blue LJ, Kelly J, Patel CB, Daneshmand MA, Schroder JN, Milano CA, Welsby I. Prothrombin complex concentrate use in durable and short-term left ventricular assist device implantation. *ASAIO J* 2020;66(1):e8-e10. (PMID: 30688689)

Jawitz OK, Fudim M, Raman V, Blumer V, Caliskan K, DeVore AD, Mentz RJ, Milano C, Soliman O, Rogers J, Patel CB. Renal outcomes in patients bridged to heart transplant with a left ventricular assist device. *Ann Thorac Surg* 2020. (Online ahead of print) (PMID: 31904371)

Turner MC, **Jawitz O**, Adam MA, Srinivasan E, Niedzwiecki D, Migaly J, Fisher DA, Mantyh CR. Comparison of survival of Stage I-III colon cancer by travel distance and hospital volume. *Tech Coloproctol* 2020;24(7):703-710. (PMID: 32281019)

Barac YD, Wojnarski CM, Junpaparp P, **Jawitz OK**, Billard H, Daneshmand MA, Agrawal R, Devore A, Patel CB, Schroder JN, Milano CA. Early outcomes with durable left ventricular assist device replacement using the HeartMate 3. *J Thorac Cardiovasc Surg* 2020;160(1):132-139.e1. (PMID: 31740114)

Jawitz OK, Wojnarski CM. Commentary: Universal surgical risk models: The answer you receive depends on the question you ask. *J Thorac Cardiovasc Surg* 2020;160(1):184-185. (PMID: 32063352)

Raman V, **Jawitz OK**, Voigt SL, Yang CJ, Harpole DH, D'Amico TA, Hartwig MG. The effect of age on survival after endoscopic resection versus surgery for T1a esophageal cancer. *J Thorac Cardiovasc Surg* 2020;160(1):295-302.e3. (PMID: 31928824)

Jawitz OK, Raman V, Anand J, Bishawi M, Voigt SL, Doberne J, Vekstein AM, Weissler EH, Turek JW, Hughes GC. Aortic valve repair with a newly approved geometric annuloplasty ring in patients undergoing proximal aortic repair: early results from a single-centre experience. *Eur J Cardiothorac Surg* 2020;57(6):1137-1144. (PMID: 32011669)

Jawitz OK, Gulack BC, Grau-Sepulveda MV, Matsouaka RA, Mack MJ, Holmes DR, Jr., Carroll JD, Thourani VH, Brennan JM. Reoperation after transcatheter aortic valve replacement: An Analysis of the Society of Thoracic Surgeons Database. *JACC Cardiovasc Interv* 2020. (Online ahead of print) (PMID: 32535005)

Weissler EH, Voigt SL, Raman V, Jawitz O, Doberne J, Anand J, Plichta R, Gaca JG, McCann RL, Hughes GC. Permissive hypertension and collateral revascularization may allow avoidance of CSF drainage in TEVAR. *Ann Thorac Surg* 2020. (Online ahead of print) (PMID: 32535042)

Rucker AJ, Raman V, **Jawitz OK**, Voigt SL, Tong BC, D'Amico TA, Harpole DH. Effect of lymph node assessment on outcomes in surgery for limited stage small cell lung cancer. *Ann Thorac Surg* 2020. (Online ahead of print) (PMID: 32544452)

Jawitz OK, Raman V, Milano C. Reply from the authors: We do not know what we do not know-Mechanism of donor brain death and transplant recipient outcomes. *J Thorac Cardiovasc Surg* 2020;159(3):e214-e215. (PMID: 31623848)

Barac YD, **Jawitz OK**, Milano CA. Heart transplantation after HeartMate 3 use shortens hospitalization but might impose increased risk of rejection. *Ann Thorac Surg* 2020;109(3):985-987. (PMID: 31400326)

Raman V, **Jawitz OK**. Commentary: Absence of evidence is not evidence of absence. *J Thorac Cardiovasc Surg* 2020. (Online ahead of print) (PMID: 32279972)

Rucker AJ, Raman V, **Jawitz OK**, Voigt SL, Harpole DH, D'Amico TA, Tong BC. The impact of adjuvant therapy on survival after esophagectomy for node-negative esophageal adenocarcinoma. *Ann Surg* 2020. (Online ahead of print) (PMID: 32209899)

Raman V, **Jawitz OK**, Yang CJ, Voigt SL, D'Amico TA, Harpole DH, Tong BC. The effect of extent of resection on outcomes in patients with limited stage small cell lung cancer. *J Thorac Cardiovasc Surg* 2020. (Online ahead of print) (PMID: 32327184)

Jawitz OK, Raman V, DeVore AD, Mentz RJ, Patel CB, Rogers J, Milano C. Increasing the United States heart transplant donor pool with donation after circulatory death. *J Thorac Cardiovasc Surg* 2020;159(5):e307-e309. (PMID: 31672395)

Raman V, **Jawitz OK**, Voigt SL, Yang CJ, D'Amico TA, Harpole DH, Jr. The role of adjuvant therapy in patients with margin-positive (R1) esophagectomy: A National Analysis. *J Surg Res* 2020;249:82-90. (PMID: 31926400)

Raman V, **Jawitz OK**, Yang CJ, Voigt SL, Kim AW, Tong BC, D'Amico TA, Harpole DH. The influence of adjuvant therapy on survival in patients with indeterminate margins following surgery for non-small cell lung cancer. *J Thorac Cardiovasc Surg* 2020;159(5):2030-2040.e4. (PMID: 31706554)

Geirsson A, Schranz A, **Jawitz O**, Mori M, Feng L, Zwischenberger BA, Iribarne A, Dearani J, Rushing G, Badhwar V, Crestanello JA. The evolving burden of drug use associated infective endocarditis in the United States. *Ann Thorac Surg* 2020. (Online ahead of print) (PMID: 32387035)

Choi AY, **Jawitz OK**, Raman V, Mulvihill MS, Halpern SE, Barac YD, Klapper JA, Hartwig MG. Predictors of nonuse of donation after circulatory death lung allografts. *J Thorac Cardiovasc Surg* 2020. (Online ahead of print) (PMID: 32563573)

Jawitz OK, Fudim M, Raman V, Bryner BS, DeVore AD, Mentz RJ, Milano C, Patel CB, Schroder JN, Rogers JG. Reassessing recipient mortality under the new heart allocation system: An Updated UNOS Registry Analysis. *JACC Heart Fail* 2020. (Online ahead of print) (PMID: 32417413)

Choi AY, **Jawitz OK**, Raman V, Halpern SE, Haney JC, Klapper JA, Hartwig MG. Predictors of older donor lung utilization: Are we too good at saying no? *Ann Thorac Surg* 2020. (Online ahead of print) (PMID: 32492441)

Jawitz OK, Raman V, Barac Y, Mulvihill MS, Moore C, Choi AY, Hartwig M, Klapper J. Impact of donor brain death duration on outcomes after lung transplantation. *Ann Thorac Surg* 2019;108(5):1519-1526. (PMID: 31271742)

Jawitz OK, Raman V, Klapper J, Hartwig M, Patel CB, Milano C. Donor and recipient age matching in heart transplantation: Analysis of the UNOS Registry. *Transpl Int* 2019;32(11):1194-1202. (PMID: 31328314)

Slaughter MS, Badhwar V, Ising M, Ganzel BL, Sell-Dottin K, **Jawitz OK**, Zhang S, Trivedi JR. Optimum surgical treatment for tricuspid valve infective endocarditis: An analysis of the Society of Thoracic Surgeons national database. *J Thorac Cardiovasc Surg* 2019. (Online ahead of print) (PMID: 31864695)

Jawitz OK, Milano C. Is it time for the United States to engage in heart transplantation using donation after circulatory death? *J Thorac Cardiovasc Surg* 2019. (Online ahead of print) (PMID: 31679700)

Barac YD, Jawitz OK, Klapper J, Schroder J, Daneshmand MA, Patel C, Hartwig MG, Sweitzer NK, Milano CA. Heart transplantation survival and the use of traumatically brain-injured donors: UNOS Registry Propensity-Matched Analysis. *J Am Heart Assoc* 2019;8(17):e012894. (PMID: 31466496)

Raman V, **Jawitz OK**. Commentary: Size may matter after all. *J Thorac Cardiovasc Surg*. 2020. (Online ahead of print) (PMID: 32605731)

Rhodin KE, Raman V, **Jawitz OK**, Voigt SL, Farrow NE, Harpole DH, Tong BC, D'Amico TA. Patterns of use of induction therapy for T2N0 esophageal cancer. *Ann Thorac Surg* 2020;S0003-4975(20)31133-4. (Online ahead of print) (PMID: 32681837)

Raman V, **Jawitz OK**, Farrow NE, Voigt SL, Rhodin KE, Yang CJ, Turner MC, D'Amico TA, Harpole DH, Tong BC. The relationship between lymph node ratio and survival benefit with adjuvant chemotherapy in node-positive esophageal adenocarcinoma. *Ann Surg* 2020. (Online ahead of print) (PMID: 32649467)

Raman V, **Jawitz OK**, Voigt SL, Rhodin KE, Tong BC, Kim AW, D'Amico TA, Harpole DH. Patterns of care in neoadjuvant chemoradiotherapy for node positive esophageal adenocarcinoma. *Ann Thorac Surg* 2020. (Online ahead of print) (PMID: 32622794)

Loring Z, Friedman DJ, Emerek K, Graff C, Sorensen PL, Hansen SM, Wieslander B, Ugander M, Sogaard P, Atwater BD. Lead one ratio in left bundle branch block predicts poor cardiac resynchronization therapy response. *Pacing Clin Electrophysiol* 2020;43(5):503-510. (PMID: 32285950)

Chew DS, Black-Maier E, **Loring Z**, Noseworthy PA, Packer DL, Exner DV, Mark DB, Piccini JP. Diagnosis-to-ablation time and recurrence of atrial fibrillation following catheter ablation: A systematic review and meta-analysis of observational studies. *Circ Arrhythm Electrophysiol* 2020;13(4):e008128. (PMID: 32191539)

Hertz JT, Kweka GL, Bloomfield GS, Limkakeng AT, **Loring Z**, Mmbaga BT, Gerardo CJ, Sakita FM. Patterns of emergency care for possible acute coronary syndrome among patients with chest pain or shortness of breath at a Tanzanian referral hospital. *Global Heart* 2020;15(1):9. (PMID: 32489782)

Hertz JT, Sakita FM, Kweka GL, **Loring Z**, Thielman NM, Temu G, Bartlet JA. Healthcare-seeking behavior, barriers to care and predictors of symptom improvement among patients with cardiovascular disease in northern Tanzania. *Int Health* 2019. (Online ahead of print) (PMID: 31840178)

Loring Z, Shrader P, Allen LA, Blanco R, Chan PS, Ezekowitz MD, Fonarow GC, Freeman JV, Gersh BJ, Mahaffey KW, Naccarelli GV, Pieper K, Reiffel JA, Singer DE, Steinberg BA, Perterson ED, Piccini JP. Guideline-directed medical therapies for comorbidities & clinical outcomes among individuals with atrial fibrillation. *Am Heart J* 2020;219:21-30. (PMID: 31710841)

Zeitler EP, Friedman DJ, **Loring Z**, Campbell KB, Goldstein SA, Wegermann ZK, Schultz J, Smith N, Black-Maier E, Al-Khatib SM, Piccini JP. Complications involving the subcutaneous implantable cardioverter-defibrillator: Lessons learned from MAUDE. *Heart Rhythm* 2020;17(3):447-454. (PMID: 31561032)

Black-Maier E, Parish, A, Steinberg BA, Green CL, **Loring Z**, Barnett AS, Al-Khatib SM, Atwater BD, Daubert JP, Frazier-Mills C, Hegland DD, Jackson KP, Jackson LR, Koontz J, Lewis RK, Pokorney SD, Sun AY, Thomas KL, Bahnson TD, Piccini JP. Predicting atrial fibrillation recurrence in patients with heart failure: Validity of the APPLE and CAAP-AF risk scoring systems. *Pacing Clin Electrophysiol* 2019;42(11):1440-1447. (PMID: 31544956)

Loring Z, Piccini JP. The reward of understanding risk in atrial fibrillation. *Eur J Prev Cardiol* 2020. (Online ahead of print) (PMID: 32403944)

Atwater BD, Emerek K, **Loring Z**, Pocwiartek C, Jackson KP, Friedman DJ. Frequency and causes of QRS prolongation during exercise ECG testing in biventricular paced patients with heart failure. *Heart Rhythm Case Rep* 2020;6(6):308-312. (PMID: 32577383)

Friedman DJ, Emerek K, Hansen SM, Sorensen PL, **Loring Z**, Sutter J, Sogaard P, Kisslo J, Graff C, Atwater BD. Non-invasively quantified changes in left ventricular activation predict outcomes in patients undergoing cardiac resynchronization therapy. *J Cardiovasc Electrophysiol* 2019;30(11):2475-2483. (PMID: 31535746)

Atwater BD, Emerek K, Sorensen PL, Hansen SM, **Loring Z**, Graff C, Polcwiartek C, Kisslo J, Sogaard P, Friedman DJ. PR prolongation predicts inadequate resynchronization with biventricular pacing in left bundle branch block. *Pacing Clin Electrophysiol* 2019;42(11):1477-1485. (PMID: 31509260)

Loring Z, Mehrotra S, Piccini JP. Machine learning in “big data”: Handle with care. *Europace* 2019;21(9):1284-1285. (PMID: 31106325)

Rehorn MR, Koontz JI, Barnett AS, Black-Maier E, Piccini JP, **Loring Z**, Schroder JN, Sun AY. Noninvasive electrocardiographic mapping of ventricular tachycardia in a patient with a left ventricular assist device. *HeartRhythm Case Rep* 2020;6(7):398-401. (PMID: 32695586)

Loungani RS, Rehorn M, Newby LK, Katz JN, Klem I, Mentz RJ, Jones WS, Vemulapalli S, Kelsey AM, Blazing MA, Piccini JP, Patel MR. A care pathway for the cardiovascular complications of COVID-19: Insights from an institutional response. *Am Heart J* 2020;225:3-9. (PMID: 32417526)

Feng KY, **Loungani RS**, Rao VN, Patel CB, Khouri MG, Felker GM, DeVore AD. Best practices for prognostic evaluation of a patient with transthyretin amyloid cardiomyopathy. *JACC CardioOncology* 2019;1(2):273–79.

Loungani RS, Felker GM. Is resistance futile?: Addressing diuretic resistance during hospitalization for heart failure. *JACC Heart Fail* 2020;8(3):169-171. (PMID: 1926852)

Loungani RS, Rehorn MR, Geurink KR, Coniglio AC, Black-Maier E, Pokorney SD, Khouri MG. Outcomes following cardioversion for patients with cardiac amyloidosis and atrial fibrillation or atrial flutter. *Am Heart J* 2020;222:26–29. (PMID: 32004797)

Black-Maier E, Lewis RK, Rehorn M, **Loungani R**, Friedman DJ, Frazier-Mills C, Jackson KP, Atwater BD, Milano CA, Schroder JN, Pokorney SD, Piccini JP. Implantable cardioverter defibrillator lead revision following left ventricular assist device implantation. *J Cardiovasc Electrophysiol* 2020;31(6):1509-1518. (PMID: 32275340)

Loungani RS, Mentz RJ, Agarwal R, DeVore AD, Patel CB, Rogers JG, Russell SD, Felker MS. Biomarkers in advanced heart failure: Implications for managing patients with mechanical circulatory support and cardiac transplantation. *Circ Heart Fail* 2020. (Online ahead of print) (PMID: 32660322)

Butala NM, Chung M, Secemsky EA, Manandhar P, **Marquis-Gravel G**, Kosinski AS, Vemulapalli S, Yeh RW, Cohen DJ. Conscious sedation versus general anesthesia for transcatheter aortic valve replacement: Variation in practice and outcomes. *JACC Cardiovasc Interv* 2020;13(11):1277-1287. (PMID: 32499018)

Marquis-Gravel G, Huang Z, Zelenkofske SL, Lincoff AM, Mehran R, Steg PG, Bode C, Alexander JH, Povsic TJ. Interplay between PCI access site, anticoagulant agent, and bleeding: Insights from the REGULATE-PCI randomized trial. *Am Heart J* 2020;223:84-86. (PMID: 32199152)

Marquis-Gravel G, Roe MT, Robertson HR, Harrington RA, Pencina MJ, Berdan LG, Hammill BG, Faulkner M, Munoz D, Fonarow GC, Nallamothu BK, Fintel DJ, Ford DE, Zhou L, Daugherty SE, Nauman E, Kraschnewski J, Ahmad FS, Benziger CP, Haynes K, Merritt JG, Metkus T, Kripalani S, Gupta K, Shah RC, McClay JC, Re RN, Geary C, Lampert BC, Bradley SM, Jain SK, Seifein H, Whittle J, Roger VL, Effron MB, Alvarado G, Goldberg YH, VanWormer JL, Girotra S, Farrehi P, McTigue KM, Rothman R, Hernandez AF, Jones WS. Rationale and design of aspirin dosing: A patient-centric trial assessing benefits and long-term effectiveness (ADAPTABLE) Trial. *JAMA Cardiol* 2020. (Online ahead of print) (PMID: 32186653)

Messas N, Trimaille A, Marchandot B, Matsushita K, Kibler M, Hess S, **Marquis-Gravel G**, Jolicoeur EM, Jesel L, Ohlmann P, Morel O. Left ventricular mechanics in the acute phase of Takotsubo cardiomyopathy: Distinctive ballooning patterns translate into different diastolic properties. *Heart and Vessels* 2020;35(4):537-543. (PMID: 31560110)

Marquis-Gravel G, Mehta SR, Valgimigli M, Levine GN, Neumann FJ, Granger CB, Costa F, Lordkipanidzé M, Roffi M, Robinson SD, Cantor WJ, Tanguay JF. A critical comparison of Canadian and international guidelines recommendations for antiplatelet therapy in coronary artery disease. *Can J Cardiol* 2019. (Online ahead of print) (PMID: 32553812)

Marquis-Gravel G, Roe MT, Turakhia MP, Boden W, Temple R, Sharma A, Hirshberg B, Slater P, Craft N, Stockbridge N, McDowell B, Waldstreicher J, Bourla A, Bansilal S, Wong JL, Meunier C, Kassahun H, Coran P, Bataille L, Patrick-Lake B, Hirsch B, Reites J, Mehta R, Muse ED, Chandross KJ, Silverstein JC, Silcox C, Overhage JM, Califf RM, Peterson ED. Technology-enabled clinical trials: Transforming medical evidence generation. *Circulation* 2019;140(17):1426-1436. (PMID: 31634011)

- Marquis-Gravel G**, Vemulapalli S, Asgar AW, Zeitouni M. Precision medicine in TAVR: How to select the right device for the right patient? *Can J Cardiol* 2020. (Online ahead of print) (PMID: 32619447)
- Marquis-Gravel G**, Raymond-Paquin A, McIntyre WF. The prognostic value of intraventricular conduction disturbances: A matter of time? *Can J Cardiol* 2020. (Online ahead of print) (PMID: 32553813)
- Roe MT, **Marquis-Gravel G**. Overcoming the risk-treatment paradox for non-ST-segment elevation acute coronary syndromes. *J Am Coll Cardiol* 2019;74(11):1462-1464. (PMID: 31514948)
- Marquis-Gravel G**, Costa F, Boivin-Proulx LA. Ticagrelor or Prasugrel, doctor? The basis for decision in clinical practice. *Can J Cardiol* 2019;35(10):1283-1285. (PMID: 31473070)
- Marquis-Gravel G**, Roe MT, Harrington RA, Muñoz D, Hernandez AF, Jones WS. Revisiting the role of aspirin for the primary prevention of cardiovascular disease. *Circulation* 2019;140(13):1115-1124. (PMID: 31545683)
- Marquis-Gravel G**, Zeitouni M, Kochar A, Jones WS, Sketch MH Jr, Rao SV, Patel MR, Ohman EM. Technical consideration in acute myocardial infarction with cardiogenic shock: A review of antithrombotic and PCI therapies. *Catheter Cardiovasc Interv* 2020;95(5):924-931. (PMID: 31435999)
- Caracciolo A, Mazzone P, Laterra G, Garcia-Ruiz V, Polimeni A, Galasso S, Saporito F, Carerj S, D'Ascenzo F, **Marquis-Gravel G**, Giustino G, Costa F. Antithrombotic therapy for percutaneous cardiovascular interventions: from coronary artery disease to structural heart interventions. *J Clin Med* 2019;8(11):2016. (PMID: 31752292)
- Marquis-Gravel G**, Alexander JH. Chapter 15: Interventional Pharmacotherapies. Module 9: Oral Anticoagulants. In: *Cardiac Catheterization & Interventional Cardiology Self-Assessment Program (CathSAP)*. Washington, DC: American College of Cardiology Foundation; 2020. Available at: www.acc.org/cathsap.
- Marquis-Gravel G**, Roe MT. Antithrombotic therapy for atrial fibrillation with stable coronary disease. *N Engl J Med* 2019;381(25):2479-2480. (PMID: 31851808)
- Eghtesadi M, **Marquis-Gravel G**. Rethinking our cardiovascular risk assessment in the younger female migraine population. *Headache* 2020;60(5):994-997. (PMID: 32337722)
- Marquis-Gravel G**, Dalgaard F, Jones AD, Lokhnygina Y, James SK, Harrington RA, Wallentin L, Steg PG, Lopes RD, Storey RF, Goodman SG, Mahaffey KW, Tricoci P, White HD, Armstrong PW, Ohman EM, Alexander JH, Roe MT. Post-discharge bleeding and subsequent mortality following acute coronary syndrome with or without PCI. *J Am Coll Cardiol* 2020;76(2):162-171. (PMID: 32646565)
- Marquis-Gravel G**, Stebbins A, Kosinski AS, Cox ML, Harrison JK, Hughes GC, Thourani VH, Gleason TG, Kirtane AJ, Carroll JD, Mack MJ, Vemulapalli S. Geographic access to transcatheter aortic valve replacement centers in the United States: Insights from the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Registry. *JAMA Cardiol* 2020. (Online ahead of print) (PMID: 32520337)
- Mosher CL**, Mentz RJ. Cardiovascular implications of idiopathic pulmonary fibrosis: A way forward together? *Am Heart J* 2020;226:69-74. (Online ahead of print) (PMID: 32521292)

Mosher CL, Smith JB, McManigle WC, Giovacchini CX, Shofer SL. Recommended reading from the Duke University Pulmonary and Critical Care Medicine Fellows. *Am J Respir Crit Care Med* 2020. (Online ahead of print) (PMID: 32437241)

Snyder LD, **Mosher C**, Holtze, CH, Lancaster LH, Flaherty KR, Noth I, Neely ML, Hellkamp AS, Bender S, Conoscenti CS, deAndrade JA, Whelan TP. Time to diagnosis of idiopathic pulmonary fibrosis in the IPF-PRO Registry. *BMJ Open Respir Res* 2020;7(1):e000567. (PMID: 32624493)

Nanna MG, Navar AM, Giugliano RP, White JA, Lokhyngina Y, Mitchel YB, Musliner TA, Cannon CP, Blazing MA. Muscle complaints or events in patients randomized to Simvastatin or Ezetimibe/Simvastatin. *J Am Coll Cardiol* 2020;75(7):835-837. (PMID: 32081289)

Nanna MG, Sullivan AE, Bazylevska V, Wong RL, Murphy TE, Bellumkonda L, McNamara RL. Weight change in heart failure inpatients not associated with 30-day readmission. *Future Cardiol* 2020;16(4):289-296. (PMID: 32286858)

Nanna MG, Peterson ED. Translating the secondary prevention therapeutic boom into action. *JAMA Cardiol* 2020. (Online ahead of print) (PMID: 31895445)

Dodson JA, Hajduk AM, Geda M, Krumholz HM, Murphy TE, Tsang S, Tinetti ME, **Nanna MG**, McNamara R, Gill TM, Chaudhry SI. Predicting 6-month mortality for older adults hospitalized with acute myocardial infarction: A cohort study. *Ann Intern Med* 2020;172(1):12-21. (PMID: 31816630)

Nanna MG, Peterson ED, Wu A, Harding T, Galanos AN, Wruck L, Alexander KP. Age, knowledge, preferences, and risk tolerance for invasive cardiac care. *Am Heart J* 2020;219:99-108. (PMID: 31733450)

Lowenstern A, Alexander KP, Hill CL, Alhanti B, Pellikka PA, **Nanna MG**, Mehta RH, Cooper LS, Bullock-Palmer RP, Hoffmann U, Douglas PS. Age-related differences in the noninvasive evaluation for possible coronary artery disease: Insights from the prospective multicenter imaging study for evaluation of chest pain (PROMISE) trial. *JAMA Cardiol* 2019;5(2):193-201. (PMID: 31738382)

Nanna MG, Peterson ED, Wojdyla D, Navar AM. The accuracy of cardiovascular pooled cohort risk estimates in U.S. older adults. *J Gen Intern Med* 2020;35(6):1701-1708. (PMID: 31667745)

Nanna MG, Sullivan AE, Rao SV, Cantrell S, Gibson CM, Verheugt FWA, Peterson ED, Lopes RD, Alexander JH, Granger CB, Yee MK, Kong DF. A systematic review of randomized trials comparing double versus triple antithrombotic therapy in patients with atrial fibrillation undergoing percutaneous coronary intervention. *Catheter Cardiovasc Interv* 2019. (Online ahead of print) (PMID: 31713326)

Nanna MG, Hajduk AM, Krumholz HM, Murphy TE, Dreyer RP, Alexander KP, Geda M, Tsang S, Welty FK, Safdar B, Lakshminarayan DK, Chaudhry SI, Dodson JA. Sex-based differences in presentation, treatment, and complications among older adults hospitalized for acute myocardial infarction: The SILVER-AMI Study. *Circ Cardiovasc Qual Outcomes* 2019;12(10):e005691. (PMID: 31607145)

Nanna MG, Navar AM, Wojdyla D, Peterson ED. The association between low-density lipoprotein cholesterol and incident atherosclerotic cardiovascular disease in older adults: Results from the National Institutes of Health Pooled cohorts. *J Am Geriatr Soc* 2019;67(12):2560-2567. (PMID: 31411740)

Nanna MG, Wang TY, Xiang Q, Goldberg AC, Robinson JG, Roger VL, Virani SS, Wilson PWF, Louie MJ, Koren A, Peterson ED, Navar AM. Sex differences in the use of statins in community practice. *Circ Cardiovasc Qual Outcomes* 2019; 12(8):e005562. (PMID: 31416347)

Sullivan AE, **Nanna MG**, Rao SV, Cantrell S, Gibson CM, Verheugt FWA, Peterson ED, Lopes RD, Alexander JH, Granger CB, Yee MK, Kong DF. A systematic review of randomized trials comparing double versus triple antithrombotic therapy in patients with atrial fibrillation undergoing percutaneous coronary intervention. *Catheter Cardiovasc Interv* 2019 (Online ahead of print) (PMID: 31713326)

Nanna MG, Peterson ED. Racial Differences in Long-term Cardiovascular Outcomes: The need to move from description to action. *JACC Cardiovasc Interv* 2020;13(13):1596-1598. (PMID: 32646702)

Nelson AJ, Puri R, Nissen SE. Statins in a distorted mirror of media. *Curr Atheroscler Rep* 2020;22(8):37. (PMID: 32557172)

Nicholls SJ, **Nelson AJ**. Statins for primary prevention in the elderly: The importance of rigorous evidence. *JAMA* 2020;324(1):45-46. (PMID: 32633787)

Nicholls SJ, **Nelson AJ**. Rivaroxaban with or without aspirin for the secondary prevention of cardiovascular disease: Clinical implications of the COMPASS trial. *Am J Cardiovasc Drugs* 2019;19(4):343-348. (PMID: 30680652)

Baumann AAW, Mishra A, Worthley MI, **Nelson AJ**, Psaltis PJ. Management of multi-vessel coronary artery disease in patients with non-ST-elevation myocardial infarction: A complex path to precision medicine. *Ther Adv Chronic Dis* 2020;11:2040622320938527. (PMID: 32655848)

Joynt Maddox K, Bleser WK, Crook HL, **Nelson AJ**, Hamilton Lopez M, Saunders RS, McClellan MB, Brown N; American Heart Association Value-Based Models Learning Collaborative. Advancing value-based models for heart failure: A call to action from the value in healthcare initiative's value-based models learning collaborative. *Circ Cardiovasc Qual Outcomes* 2020;13(5):e006483. (PMID: 32393125)

Nelson AJ, Raggi P, Wolf M, Gold AM, Chertow GM, Roe MT. Targeting vascular calcification in chronic kidney disease. *JACC Basic Transl Sci* 2020;5(4):398-412. (PMID: 32368697)

Nelson AJ, Nicholls SJ. Translating evidence from clinical trials of Omega-3 fatty acids to clinical practice. *Future Cardiol* 2020;16(4):343-350. (PMID: 32180456)

Nelson AJ, Patel MR. Ischaemic stroke in heart failure: Back to basics? *Heart* 2020;106(8):555-556. (PMID: 31988183)

Nelson AJ, Worthley MI. Reply to "Letter to the Editor: Aortic distensibility and coronary blood flow: does cardiac period play a role?" *Am J Physiol Heart Circ Physiol* 2019;317(6):H1389. (PMID: 31797697)

Nelson AJ, Puri R, Nicholls SJ, Dundon BK, Richardson JD, Sidharta SL, Teo KS, Worthley SG, Worthley MI. Aortic distensibility is associated with both resting and hyperemic coronary blood flow. *Am J Physiol Heart Circ Physiol* 2019;317(4):H811-H819. (PMID: 31441693)

Nelson AJ, Alexander JH. Anticoagulation-related major bleeding in patients with atrial fibrillation: Looking behind the curtain. *Circulation* 2019;140(22):1802-1804. (PMID: 31765258)

Nelson AJ, Ardissino M, Psaltis PJ. Current approach to the diagnosis of atherosclerotic coronary artery disease: More questions than answers. *Ther Adv Chronic Dis* 2019;10:2040622319884819. (PMID: 31700595)

Nelson AJ, Mirzaee S, Nicholls SJ. High-dose Omega-3 fatty acids in cardiovascular prevention: Finally living up to their potential? *Am J Cardiovasc Drugs* 2020;20(1):11-18. (PMID: 31485851)

Melloni C, **Nelson A**. Effect of androgen deprivation therapy on metabolic complications and cardiovascular risk. *J Cardiovasc Transl Res* 2020;13(3):451-462. (PMID: 31833002)

Nelson AJ, Dundon BK, Worthley SG, Richardson JD, Puri R, Wong DTL, Coates PT, Faull RJ, Worthley MI. End-stage renal failure is associated with impaired coronary microvascular function. *Coron Artery Dis* 2019;30(7):520-527. (PMID: 30883431)

Chew DP, Lambrakis K, Blyth A, Seshadri A, Edmonds MJR, Briffa T, Cullen LA, Quinn S, Karnon J, Chuang A, **Nelson AJ**, Wright D, Horsfall M, Morton E, French JK, Papendick C. A randomized trial of a 1-hour troponin T protocol in suspected acute coronary syndromes: The rapid assessment of possible acute coronary syndrome in the emergency department with high-sensitivity troponin T study (RAPID-TnT). *Circulation* 2019;140(19):1543-1556. (PMID: 31478763)

Jeffs LS, Peh CA, **Nelson A**, Tan PG, Davey E, Chappell K, Perkins GB, Hurtado PR. IgM ANCA in healthy individuals and in patients with ANCA-associated vasculitis. *Immunol Res* 2019;67(4-5):325-336. (PMID: 31372816)

Nelson AJ, Peterson ED, Pagidipati NJ. Atherosclerotic cardiovascular disease and heart failure: Determinants of risk and outcomes in patients with diabetes. *Prog Cardiovasc Dis* 2019;62(4):306-314. (PMID: 31301314)

Samsky MD, Newby LK. Review: In HF with iron deficiency, iron supplementation reduces HF admissions and improves cardiac function. *Ann Intern Med* 2019;171(4):JC19. (PMID: 31426062)

Samsky M, Krucoff M, Althouse AD, Abraham WT, Adamson P, Aguel F, Bilazarian S, Dangas GD, Gilchrist IC, Henry TD, Hochman JS, Kapur NK, Laschinger J, Masters RG, Michelson E, Morrow DA, Morrow V, Ohman EM, Pina I, Proudfoot AG, Rogers J, Sapirstein J, Senatore F, Stockbridge N, Thiele H, Truesdell AG, Waksman R, Rao S. Clinical and regulatory landscape for cardiogenic shock: A report from the Cardiac Safety Research Consortium ThinkTank on cardiogenic shock. *Am Heart J* 2020;219:1-8. (PMID: 31707323)

Samsky MD, Lin L, Greene SJ, Lippmann SJ, Peterson PN, Heidenreich PA, Laskey WK, Yancy CW, Greiner MA, Hardy NC, Kavati A, Park S, Mentz RJ, Fonarow GC, O'Brien EC. Patient perceptions and familiarity with medical therapy for heart failure. *JAMA Cardiol* 2019;5(3). (Online ahead of print) (PMID: 31734700)

Rao SV, **Wegermann ZK**. Validation of the academic research consortium definition of high bleeding risk: Not academic anymore. *J Am Coll Cardiol* 2020;75(21):2723-2725. (PMID: 32466888)

Zeitler EP, Friedman DJ, Loring Z, Campbell KB, Goldstein SA, **Wegermann ZK**, Schutz J, Smith N, Black-Maier E, Al-Khatib SM, Piccini JP. Complications involving the subcutaneous implantable cardioverter defibrillator: Lessons learned from MAUDE. *Heart Rhythm* 2020;17(3):447-454. (PMID: 31561032)

Wegermann ZK, Swaminathan RV, Rao SV. Cath lab robotics: Paradigm change in interventional cardiology? *Curr Cardiol Rep* 2019; 21(10):119. (PMID: 31473815)

Weissler EH, Zepel L, Greiner M, Hammill BG, Long CA, Patel MR, Jones WS. No increase in all-cause mortality at 2 years among patients undergoing drug-coated balloon angioplasty. *JACC Cardiovasc Interv* 2020;13:902-904. (PMID: 32273103)

Williams ZF, Olivere LA, Gilmore B, **Weissler EH**, Cox MW, Long C, Shortell C, Schroder J, Southerland K. Safety and feasibility of simultaneous transcatheter revascularization with flow reversal and coronary artery bypass grafting for concomitant carotid artery stenosis and coronary artery disease. *Vasc Endovasc Surg* 2020;54(5):395-399. (PMID: 32319354)

Jawitz OK, Raman V, Anand J, Bishawi M, Voigt SL, Doberne J, Vekstein AM, **Weissler EH**, Turek JW, Hughes GC. Aortic valve repair with a newly approved geometric annuloplasty ring in patients undergoing proximal aortic repair: Early results from a single-center experience. *Eur J Cardiothorac Surg* 2020;57(6):1137-1144. (PMID: 32011669)

Weissler EH, Southerland KW. A hybrid approach to radiation-induced axillary artery hemorrhage. *Vasc Endovasc Surg* 2020;54:172-174. (PMID: 31714184)

Weissler EH, Jenkins AL 3rd, Hecht AC, Taub PJ. Plastic surgeon closure of index spinal cases: A single-institution review of 928 cases. *Clin Spine Surg* 2019;32:e397-e402. (PMID: 31577614)

Weissler EH, Lippman SJ, Smerek MM, Ward RA, Kansal A, Brock A, Sullivan RC, Long C, Patel MR, Greiner MA, Hardy NC, Curtis LH, Jones WS. Model-based algorithms for detecting peripheral artery disease using administrative data from an electronic health record data system. *JMIR Med Inform* 2020. (Online ahead of print) (PMID: 32663152)

Williams DGA, Villalta E, Aronson S, Murray S, Blitz J, Kosmos V, Wischmeyer PE; Duke Perioperative Enhancement Team (POET). Tutorial: Development and implementation of a multidisciplinary preoperative nutrition optimization clinic. *JPEN J Parenter Enteral Nutr* 2020. (Online ahead of print) (PMID: 32232882)

Williams DGA, Wischmeyer PE. Perioperative Nutrition Care of Orthopedic Surgery Patient, *Techniques in Orthopaedics*: March 2020 - Volume 35 - Issue 1 - p 15-18 doi: 10.1097/BTO.0000000000000412

Williams DGA, Ohnuma T, Krishnamoorthy V, Raghunathan K, Sulo S, Cassidy BA, Hegazi R, Wischmeyer PE. Postoperative utilization of oral nutritional supplements in surgical patients in US Hospitals. *JPEN J Parenter Enteral Nutr* 2020. (Online ahead of print) (PMID: 32492762)

Cobert J, Lantos PM, Janko MM, **Williams DGA**, Raghunathan K, Krishnamoorthy V, JohnBull EA, Barbeito A, Gulur P. Geospatial variations and neighborhood deprivation in drug-related admissions and overdoses. *J Urban Health* 2020. (Online ahead of print) (PMID: 32367203)

Ohnuma T, Krishnamoorthy V, Raghunathan K, **Williams DGA**, Sulo S, Hegazi R, Wischmeyer P. Overcoming confounding by indication in nutrition research using electronic healthcare data. *Clin Nutr* 2020;39(4):985-987. (PMID: 32061371)

DeVore AD, **Wosik J**, Hernandez AF. The future of wearable in heart failure patients. *JACC Heart Fail* 2019;7(11):922-932. (PMID: 31672308)

Wosik J, Fudim M, Cameron B, Gellad AZ, Cho A, Phinney D, Curtis S, Roman M, Poon EG, Ferranti J, Katz JN, Tchong J. Telehealth transformation: COVID-19 and the rise of virtual care. *J Am Med Inform Assoc* 2020;27(6):957-962. (PMID: 32311034)

Aleem S, Cotton CM, Greenberg RG. Infection control and other stewardship strategies in late onset sepsis, necrotizing enterocolitis and localized infection in the NICU. (Review article for Seminars in Perinatology)

Carducci B, Campisi SC, **Aleem S**, Bhutta ZA. The small for gestational age infant. Avery and MacDonald's Neonatology, 8th edition. (Book chapter in press)

Aleem S, Bhutta ZA. Infection-related stillbirth: An update on current knowledge and strategies for prevention. (Review article for Expert Review of Anti-infective Therapy)

Carnicelli AP, Al-Khatib SM, Xavier D, Dalgaard F, Merrill P, Wojdyla D, Lewis BS, Hanna M, Alexander JH, Lopes RD, Wallentin L, Granger CB. Premature permanent discontinuation of Apixaban or Warfarin in patients with atrial fibrillation. Heart 2020. (In press)

Nelson AJ, Ardissino M, Haynes K, Shambhu S, Eapen Z, McGuire DK, **Carnicelli AP**, O'Brien EC, Lopes RD, Green JB, Pagidipati NJ, Granger CB. Achieving guideline directed therapy in US patients with diabetes and atherosclerotic cardiovascular disease: Alarming gaps, compelling opportunities. J Am Heart Assoc 2020. (In press)

Varshney AS, Berg DD, Katz JN, Baird-Zars VM, Bohula EA, **Carnicelli AP**, Chaudhry SP, Guo J, Lawler PR, Nativi-Nicolau J, Sinha SS, Teuteberg JJ, van Diepen S, Morrow DA. Use of temporary mechanical circulatory support for management of cardiogenic shock before and after the United Network for Organ Sharing Donor Heart Allocation System changes: Data from the Critical Care Cardiology Trials Network (CCCTN) Registry. JAMA Cardiol 2020. (In press)

Grant AD, **Chew DS**, Howlett J, Miller RM. Cost effectiveness of earlier transition to angiotensin receptor neprilysin inhibitor in patients with heart failure and reduced ejection fraction. CJC Open Epub 2020. (In press)

Jawitz OK, Raman V, Becerra D, Doberne J, Choi AY, Halpern SE, Klapper JA, Hartwig MG. Lung transplantation after ex vivo lung perfusion: Early outcomes from a US national registry. Ann Surg 2020.

Raman V, Christopher JK, **Jawitz OK**, Klapper JA. Editorial: Robot- vs. video-assisted thoracoscopic lobectomy for early lung cancer. JNCI Cancer Spectr 2020.

Raman V, Christopher JK, **Jawitz OK**, Klapper JA. Editorial: Robot- vs. video-assisted thoracoscopic lobectomy for early lung cancer. JNCI Cancer Spectr 2020.

Jawitz OK, Wang TY, Lopes RD, Chavez A, Boyer B, Kim H, Anstrom KJ, Becker RC, Blackstone E, Ruel M, Thourani VH, Puskas JD, Gerdisch MW, Johnston D, Capps S, Alexander JH, Svensson LG. Rationale and design of PROACT Xa: A randomized, multicenter, open-label, clinical trial to evaluate the efficacy and safety of apixaban vs warfarin in patients with a mechanical On-X Aortic Heart Valve. Am Heart J 2020.

Jawitz OK, Bradford WT, McConnell G, Engel J, Allender JE, Williams JB. How to start an ERAS cardiac program. Crit Care Clin 2020.

Farrow NE, Raman V, **Jawitz OK**, Voigt SL, Tong BC, Harpole DH, D'Amico TA. Impact of age on surgical outcomes for locally advanced esophageal cancer. Ann Thorac Surg 2020.

Wang A, Truong T, Black-Maier E, Green C, Campbell K, Barnett AS, Febre J, **Loring Z**, Al-Khatib SM, Atwater BD, Daubert JP, Frazier-Mills C, Hegland DD, Jackson KP, Jackson LR, Koontz JI, Lewis RK, Pokorney SD, Sun AY, Thomas KL, Bahnson TD, Piccini JP. Catheter ablation of atrial fibrillation in patients with diabetes mellitus. Accepted to Heart Rhythm O2.

Loring Z, Strauss DG, Schocken DD, Daubert JP. Introduction to Arrhythmias. Marriott's Practical Electrocardiography. Accepted for 13th Edition of Book.

Rehorn M, **Loungani R**, Black-Maier E, Coniglio A, Karra R, Pokorney S, Khouri M. Cardiac implantable electronic devices: A window into the evolution of conduction disease in cardiac amyloidosis. JACC: Clin Electrophysiology. (In press)

Black-Maier E, **Loungani R**, Rehorn M, Friedman D, Piccini J, et al. Cardiovascular implantable electronic device surgery following left ventricular device implantation. JACC: Clinical Electrophysiology. In press.

Marquis-Gravel G, Rao SV. Radial/Ulnar arterial access considerations: step-by-step, troubleshooting, and tips-and-tricks. In: Mehran R, Young M, eds. ACC ISLC Handbook on Coronary Interventions 2018. (In press)

Marquis-Gravel G, Moliterno D, Francis D, Jüni P, Rosenberg Y, Claessen B, Mentz R, Mehran R, Cutlip D, Chauhan C, Quella S, Zannad F, Goodman S. Improving the design of future PCI trials for stable coronary artery disease. J Am Coll Cardiol. (In press)

Marquis-Gravel G, Neely ML, Valgimigli M, Costa F, Van Klaveren D, Altner R, Bhatt DL, Armstrong PW, Fox KAA, White HD, Ohman EM, Roe MT. Long-term bleeding risk prediction with dual antiplatelet therapy after acute coronary syndromes treated without revascularization. Circulation: Cardiovascular and Quality Outcomes. (In press).

Marquis-Gravel G, Stebbins A, Kosinski AS, Cox M, Harrison JK, Hughes GC, Thourani VH, Gleason TG, Kirtane AJ, Carroll JD, Mack MJ, Vemulapalli S. Geographic access to TAVR centers in the United States: Insights from the STS/ACC TVT Registry. JAMA Cardiol. (In press)

Nanna MG, Chen ST, Nelson AJ, Navar AM, Peterson ED. Has the inclusion across the lifespan policy affected representation of older adults in cardiovascular disease trials? JAMA Internal Medicine 2020. (In press)

Zeitouni M, **Nanna MG**, Sun JL, Chiswell K, Peterson ED, Navar AM. Age differences in guideline performance in detection and treatment of patients with first myocardial infarction. J Am Coll Cardiol 2020. (In press)

Nanna MG, Chen S, **Nelson AJ**, Navar AM, Peterson ED. Has the inclusion across the lifespan policy affected representation of older adults in cardiovascular disease trials? JAMA Intern Med (In press)

Montarello NJ, **Nelson AJ**, Wong DTL, Verjans J, Nicholls SJ, Psaltis PJ. The role of intracoronary imaging in translational research. Cardiovasc Diagn Ther (In press)

Montarello NL, Roberts-Thomson RL, Montarello NJ, **Nelson AJ**, Montarello JK, Worthley SG. Two-in-one: combined transcatheter therapy for hypertrophic cardiomyopathy and aortic stenosis. IHJ Cardiovascular Case Reports (CVCR) 2020. (In press)

Malik AO, Chhatriwalla AK, Saxon J, Hejjaji V, Stebbins A, Jones PG, Cohen DJ, Arnold SV, Vemulapalli S, **Wegermann ZK**, Kosinski A, Spertus JA. Site-level variability in 30-day patient outcomes after transcatheter mitral valve repair in the United States. *Circ Cardiovasc Qual Outcomes*.

Weissler EH, Voigt SL, Raman V, Jawitz O, Doberne J, Anand J, Plichta R, Gaca JG, McCann RL, Hughes GC. Further evidence for abandoning cerebrospinal fluid drainage for thoracic endovascular aortic repair. *Ann Thor Surg*. (Accepted for publication, April 2020)

Weissler EH, Shortell SK. Popliteal artery aneurysms: A 25-year surgical experience. In: Juan Carlos Jimenez, Eric Wilson, eds. *Fifty landmark papers every 21st century vascular and endovascular surgeon should know*. Oxfordshire, UK: Taylor and Francis. (In press)

Williams DGA, Ohnuma T, Krishnamoorthy V, et al. Impact of early postoperative oral nutritional supplement utilization on clinical outcomes in colorectal surgery. *Perioperative Medicine*. (Accepted June 2020)

ABSTRACTS PRESENTED

Aleem S, Burns C, Duncan J, Melaku K, Norbekov A, Graham B, Mantena S, Ladipo T, Zimmerman KO, Clark RH., Greenberg RG. Epidemiology of bacterial meningitis in the neonatal intensive care unit. Poster presentation at Hot Topics in Neonatology Dec 2019, Washington, D.C. Accepted for platform presentation at Pediatric Academic Societies Meeting 2020. (meeting canceled due to COVID-19)

Aleem S., Walker LS., Smith MJ., Hornik CD., Weimer KED. Severe Congenital Syphilis (CS) in the Neonatal Intensive Care Unit (NICU) - A Retrospective Case Series. Accepted for poster presentation at Pediatric Academic Societies Meeting 2020. (meeting canceled due to COVID-19)

Aleem S, Do BT, Gantz M, Hibbs AM, Jensen E, Cotten CM, Malcolm W, Walsh M, Greenberg RG. Assessing 3 bronchopulmonary dysplasia definitions: Associations between room air challenge results and respiratory outcomes. Accepted for platform presentation at Pediatric Academic Societies Meeting 2020. (meeting canceled due to COVID-19)

Ardissino M, Nelson AJ, Haynes K, Shambhu S, Eapen Z, McGuire DK, **Carnicelli AP**, O'Brien EC, Lopes RD, Green JB, Pagidipati NJ, Granger CB. Achieving guideline-directed therapy in US patients with diabetes and cardiovascular disease: Alarming gaps, compelling opportunities. Poster presentation at the American Heart Association Scientific Sessions, Philadelphia, PA, Nov. 2019.

Loring Z, **Chew DS**, Mark DB, Piccini JP. Economic evaluation of catheter ablation of atrial fibrillation in patients with heart failure with reduced ejection fraction. 41st Heart Rhythm Society Annual Scientific Sessions, San Diego, CA. May 6-9, 2020.

Arcinas L, **Chew D**, Seifer CM, Baranchuk A, Exner DV, Supel I, Boles U, McIntyre WF. Predictors of appropriate therapies after generator replacement in patients with a primary prevention implantable cardioverter defibrillator: A multicentre experience. 41st Heart Rhythm Society Annual Scientific Sessions. San Diego, CA. May 6-9, 2020.

Chew DS, Rennert-May E, Quinn FR, Spackman E, Manns B, Exner DV. Cost-effectiveness of extended ECG monitoring for detection of occult atrial fibrillation in patients with cryptogenic stroke. 69th American College of Cardiology Annual Scientific Session & Expo, Chicago, IL. March 28-30, 2020.

Chew DS, Black-Maier E, Loring Z, Noseworthy PA, Packer D, Exner DV, Mark DB, Piccini JP. Diagnosis-to-ablation time and recurrence of atrial fibrillation following catheter ablation: A Systematic review and meta-analysis of observational studies. 25th Annual International Atrial Fibrillation Symposium. Washington DC. Jan 23-25, 2020.

Commander SJ, Cerulo M, Leraas H, Reed C, Achey M, Wachsmuth L, Schooler G, Tracy EA. Hepatic angiosarcoma in children is associated with increased rates of surgical resection and improved overall survival compared with adults. 20th Annual American Pediatric Surgical Association Meeting/ International Society of Paediatric Surgical Oncology Symposium. Section: Surgical Oncology. May 13th 2020 (Virtual presentation)

Commander SJ, Ellis D, Williamson H, Oyania F, Ruhigwa C, Situma M, Fitzgerald T. The hidden mortality of congenital anomalies in Uganda. Conference: 20th Annual American Pediatric Surgical Association Meeting/ International Society of Paediatric Surgical Oncology Symposium. Section: Global Health. May 14th 2020. (Virtual poster)

Lautz TB, Dobrozsi SK, Wilkinson KH, Rossoff J, Le-Nguyen A, Dakhallah N, Piche N, Weinschenk W, Cooke-Barber J, Goodhue CJ, Zamora AK, Kim ES, Talbot LJ, Quevedo OG, Murphy AJ, Tracy ET, **Commander SJ**, Short SS, Meyers RL, Rinehardt HN, Aldrink JH, Dasgupta R, Lal DB. Optimal management of children with neutropenic appendicitis: A pediatric surgical oncology research collaborative study. 20th Annual American Pediatric Surgical Association Meeting/ International Society of Paediatric Surgical Oncology Symposium. Section: Colorectal Surgery. May 13th 2020. (Virtual presentation)

Reed CR, Ray C, Achey M, **Commander SJ**, Leraas HJ, Vatsaas C, Tracy ET. Pediatric Trauma-induced coagulopathy: Prospective study using rotational thromboelastometry. 20th Annual American Pediatric Surgical Association Meeting/ International Society of Paediatric Surgical Oncology Symposium. Section: Trauma. May 14th 2020. (Virtual poster)

Tarnasky AM, Achey M, Williamson H, Wachsmuth L, Leraas HJ, **Commander SJ**, Driscoll TA, Tracy ET. Consolidation of multi-modality care at a single institution is not associated with improved overall survival for children with high-risk Neuroblastoma. 20th Annual American Pediatric Surgical Association Meeting/ International Society of Paediatric Surgical Oncology Symposium. Section: Surgical Oncology. May 14th 2020. (Virtual poster).

Commander SJ, Ellis D, Williamson H, Grabski D, Sallah AY, Derbew M, Fitzgerald T. Predictors of burnout and depression in surgeons practicing in sub-Saharan Africa. 15th Annual Academic Surgical Congress. Section: Global Surgery. February 6th 2020, Orlando, FL. (Presentation)

Malik T, Zhu H, Ha TA, **Commander SJ**, Whitlock R, Sindhi R, Kim S, Vakili K, Chapman W, Martinez M, Goss J, Vasudevan SA. Pathologic vascular invasion correlates with worse outcome in hepatoblastoma patients treated with liver transplantation – A hepatoblastoma transplant consortium study. Society of Asian Academic Surgeons 4th Annual Meeting. September 26th, 2019; Boston, MA. (Presentation)

Goldstein SA, Lu D, Matsouaka RA, Wang T, Rymer J, Pokorney SD, Al-Khatib SM. Implantable cardioverter defibrillator utilization among older patients with low ejection fraction following coronary revascularization for myocardial infarction. 69th American College of Cardiology Annual Scientific Session & Expo, Chicago, IL. March 28-30, 2020.

Hung A, Hass SL, Gonzalez Sepulveda JM, Yang JC, Yu S, Tilles S, Donelson S, Kim E, Johnson FR. Novel peanut-allergy desensitization treatments: Who is likely to choose treatment and why? International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting, Orlando, FL, May 2020. (Virtual due to COVID-19) (Poster presentation)

Bush C, McKethan A, Campbell H, **Hung A**, Greiner M, Grant J, Hammill B. North Carolina Medicaid enrollees prescribed opioids: Trends and outcomes from 2013-2018. Rx Drug Abuse & Heroin Summit, Nashville, TN, April 2020 (virtual due to COVID-19) (Poster presentation)

Hung A, Lee KM, Li Y, Lynch JA, Poonnen P, Hintze BJ, Efimova OV, Yong C, Seal B, Pendergraft T, Kelley MJ, Reed SJ. Concurrent chemoradiation treatment patterns for Stage III non-small cell lung cancer in Veterans. National Comprehensive Cancer Network (NCCN) Annual Conference, Orlando, FL, March 2020 (Virtual due to COVID-19) (Poster presentation)

Hung A, Bush C, Greiner M, Campbell H, Hammill B, Maciejewski M, McKethan A. Characteristics of concurrent users of opioid and benzodiazepine versus opioid-only users in the North Carolina Medicaid Population. Academy of Managed Care Pharmacy (AMCP) Nexus Conference, National Harbor, MD, October 2019. (Poster presentation)

Lynch JA, Kelley MJ, Lee KM, **Hung A**, Li Y, Hintze BJ, Pendergraft T, Pavilack M, Efimova O, DuVall SL, Reed SD. A natural language processing (NLP) tool to identify molecular diagnostic testing in Veterans with Stage IV NSCLC. American Society of Clinical Oncology Quality Care Symposium, San Diego, CA, September 2019. (Poster presentation)

Raman V, **Jawitz OK**, Voigt S, Rhodin K, Yang CY, D'Amico T, Harpole D, Tong BC. Tumor size, histology, and survival after segmentectomy and lobectomy for early non-small cell lung cancer. American Association for Thoracic Surgery (AATS) Annual Meeting, New York, NY, 2020.

Contreras FJ, **Jawitz OK**, Raman V, Hartwig M, Klapper J. Does dual procurement of lung and heart allografts affect lung transplant outcomes? Academic Surgical Congress, Orlando, FL, 2020.

Jawitz OK, Raman V, Thibault D, Yerokun B, Zwischenberger B, Kosinski A, Allen M, Harpole DH. Open ravitch versus minimally invasive nuss repair of pectus excavatum: An STS General Thoracic Surgery Database Analysis. Society of Thoracic Surgeons Annual Meeting, New Orleans, LA, 2020.

Doberne J, Raman V, **Jawitz OK**, Weissler EH, Hughes GC. Stent Graft-Induced Aortic Wall Injury (SAWI) - incidence, mortality and need for reintervention. Society of Thoracic Surgeons Annual Meeting, New Orleans, LA, 2020.

Jawitz OK, Stebbins AS, Raman V, Alhanti B, Alexander JH, Mehta RH, Stafford-Smith M, Lopes RD. Postoperative acute kidney injury is common and associated with increased mortality in patients undergoing cardiac surgery: Insights from the LEVO-CTS Trial. American Heart Association Scientific Sessions, Philadelphia, PA, 2019.

Matos JD, McIlvaine S, Grau-Sepulveda M, **Jawitz OK**, Brennan JM, Khabbaz KR, Sellke FW, Yeh R, Zimetbaum P. Evaluation of anticoagulation and amiodarone use for new post-operative atrial fibrillation after coronary artery bypass grafting. American Heart Association Scientific Sessions, Philadelphia, PA, 2019.

Rucker AJ, Raman V, **Jawitz OK**, Tong BC, D'Amico TA, Harpole DH. Effect of lymph node assessment on outcomes in surgery for limited stage small cell lung cancer. Southern Thoracic Surgical Association (STSA) Annual Meeting, Marco Island, FL, 2019.

Voigt SL, Anand J, **Jawitz OK**, Raman V, Hughes GC. Further evidence for abandoning lumbar drain placement for isolated descending thoracic endovascular aortic repair. Southern Thoracic Surgical Association (STSA) Annual Meeting, Marco Island, FL, 2019.

Choi AY, **Jawitz OK**, Raman V, Hartwig MG. Predictors of use and survival in old donor lung transplant: An analysis of the UNOS Registry. Southern Thoracic Surgical Association (STSA) Annual Meeting, Marco Island, FL, 2019.

Doberne JW, **Jawitz OK**, Raman V, Bryner B, Milano C. Comparison of heart transplantation survival outcomes of HIV seropositive recipients to matched seronegative recipients using propensity score matching. Southern Thoracic Surgical Association (STSA) Annual Meeting, Marco Island, FL, 2019.

Anand J, **Jawitz OK**, Raman V, Voigt SL, Hughes GC. Aortic valve repair with a newly FDA-approved geometric annuloplasty ring in patients undergoing proximal aortic repair: Early results from a single-center experience. European Association of Cardio-Thoracic Surgery Annual Meeting, Lisbon, Portugal, 2019.

Voigt SL, Raman V, **Jawitz OK**, Tong BC, D'Amico TA, Harpole DH. Impact of radiologic response to neoadjuvant chemotherapy on outcomes in malignant pleural mesothelioma. International Thoracic Surgical Oncology Summit (ITSOS), New York, NY, 2019.

Raman V, **Jawitz OK**, Voigt SL, D'Amico TA, Harpole DH, Tong BC. Impact of adjuvant therapy on survival following esophagectomy for node-negative esophageal adenocarcinoma. International Thoracic Surgical Oncology Summit (ITSOS), New York, NY, 2019

Raman V, **Jawitz OK**, Voigt SL, Tong BC, D'Amico TA, Harpole DH. Impact of extent of resection on survival in limited stage small cell lung cancer. International Thoracic Surgical Oncology Summit (ITSOS), New York, NY, 2019.

Rhodin KE, Raman V, **Jawitz OK**, Tong BC, Harpole DH, D'Amico TA. Patterns of use of induction therapy for T2N0 esophageal cancer. International Thoracic Surgical Oncology Summit (ITSOS), New York, NY, 2019.

Voigt SL, Raman V, **Jawitz OK**, Yang CJ, D'Amico TA, Harpole DH. Impact of time to surgery on outcomes in patients undergoing outright resection for malignant pleural mesothelioma. World Conference on Lung Cancer (WCLC), Barcelona, Spain, 2019.

Voigt SL, Raman V, **Jawitz OK**, Yang CJ, D'Amico TA, Harpole DH. Timing of surgery after induction therapy for malignant pleural mesothelioma: A National Analysis. World Conference on Lung Cancer (WCLC), Barcelona, Spain, 2019.

Loring Z, Mehrota S, Piccini JP, Camm J, Carlson D, Fonarow GC, Fox K, Peterson ED, Pieper K, Kakkar AK. Machine learning does not improve upon traditional regression in predicting outcomes. Northwestern Cardiovascular Young Investigator Forum. Fellow's Clinical Award Finalist. Chicago, IL, November, 2019.

Loring Z, Mehrota S, Piccini JP, Camm J, Carlson D, Fonarow GC, Fox K, Peterson ED, Pieper K, Kakkar AK. Machine learning does not improve upon traditional regression in predicting outcomes. American Heart Association Scientific Sessions, Philadelphia, PA, November, 2019.

Loring Z, Chew DS, Mark DB, Piccini JP. Economic evaluation of catheter ablation of atrial fibrillation in patients with heart failure with reduced ejection fraction. Heart Rhythm Society Scientific Sessions, San Diego, CA, May 2020.

Atwater BD, **Loring Z**, Polcwiartek C, Jackson KP, Friedman DJ. Exercise induced QRSd prolongation occurs in 50% of cardiac resynchronization therapy-defibrillator patients. Heart Rhythm Society Scientific Sessions, San Diego, CA, May 2020.

Loring Z, North R, Hellkamp AS, Lamas GA, Piccini JP. Asynchronous ventricular pacing in patients with normal QRS duration and ventricular function: Implications for leadless pacemakers. American Heart Association Scientific Sessions, Philadelphia, PA, November 2019.

Loungani R, Rehorn M, Pokorney S, Khouri M. Identifying an optimal pacing strategy for cardiac amyloidosis. Presented at the Heart Rhythm Society Annual Meeting, San Diego CA, May 2020.

Loungani R, Rehorn M, Pokorney S, Khouri M.. Ventricular arrhythmia burden in patients with cardiac amyloidosis. Presented virtually at American College of Cardiology Annual Meeting, Chicago IL, Mar 2020.

Mosher C, Weber J, Frankel C, Neely M, Palmer S. Predictors of mortality and survival outcomes in lung transplant recipients over 65: A retrospective cohort study of 5,800 patients in the UNOS Registry. Lung Transplantation I Mini Symposium (Oral presentation), American Thoracic Society International Conference, May 2020, Philadelphia, PA. (Conference cancelled due to COVID-19) (Abstract/oral presentation accepted)

Snyder L, **Mosher C**, Holtze C, Lancaster L, Flaherty K, Noth I, Neely M, Hellkamp A, Bender S, Conoscenti C, Andrade J, Whelan T, on behalf of the IPF-PRO™ Registry investigators. Time to diagnosis of idiopathic pulmonary fibrosis in the IPF-PRO Registry. American Thoracic Society International Conference, Philadelphia, PA, May 2020 (Poster presentation). Abstract/Oral Presentation Accepted (Conference cancelled due to COVID-19)

Ardissino M, **Nelson AJ**, Maglietta G, Tagliazucchi GM, Disisto C, Canosi U, Cernetti C, Merlini PA, Berzuini C, Ponte E, Fetiveau R, Buratti S, Paraboschi E, Duga S, Tuttolomondo D, Crocamo A, Barocelli F, Bricoli S, Botti A, Bonura R, Magnani G, Biagi A, Paoli G, Solinas E, Ardissino D. Sex-Based Differences In long-term outcomes after early-onset myocardial infarction. 69th American College of Cardiology Annual Scientific Session & Expo, Chicago, IL. March 28-30, 2020. J Am Coll Cardiol 2020;75(11 Suppl 1):206.

Nelson AJ, Wong DTL, Leung M, Puri R, Dundon B, Richardson JD, Sidharta SL, Nicholls SJ, Teo KS, Worthley SG, Worthley MI. Aortic stiffness is associated with reduced adenosine-induced hyperemic myocardial blood flow following ST elevation myocardial infarction. 69th American College of Cardiology Annual Scientific Session & Expo, Chicago, IL. March 28-30, 2020. J Am Coll Cardiol 2019;73(9 Suppl 1):134.

Ardissino M, **Nelson AJ**, Haynes K, Eapen Z, Shambhu S, Carnicelli A, O'Brien EC, Lopes RD, Green JB, McGuire DK, Pagidipati NJ, Granger CB. Achieving guideline-directed therapy in U.S. patients with diabetes and cardiovascular disease: Alarming gaps, compelling opportunities. American Heart Association Scientific Sessions, Philadelphia, PA, November 2019. Circulation 2019;140:A14740.

Samsky MD, Velazquez EJ, Braunwald E, Morrow DA, Mulder H, Chakraborty H, Duffy C, Rocha R, Ambrosy AP, Devore AD. The association between congestion and outcomes for patients treated with sacubitril-valsartan compared to enalapril in the PIONEER-HF Trial. American Heart Association Scientific Sessions, Philadelphia, PA, November 2019. Circulation 2019;140:A15737.

Sinclair MR, Souli M, Ruffin F, Park LP, Wyatt CM, Dagher M, Fowler Jr. VG. Differences in clinical phenotype and outcomes in hemodialysis-dependent patients in the Staphylococcus Aureus Bacteremia Group Prospective Cohort Study (SABG-PCS). Southern Society for Clinical Investigation Nephrology Young Investigators Forum, New Orleans, LA, February 2020.

Malik AO, Stebbins A, Hejjaji V, Jones P, Cohen DJ, Arnold SV, Vemulapalli SV, **Wegermann ZK**, Kosinski AS, Spertus J. Institution-level variability in 30-day patient outcomes after transcatheter mitral valve repair in the United States. American Heart Association Quality of Care and Outcomes Research, May 16, 2020.

Doberne J, Downey P, Vekstein A, Halpern S, **Weissler EH**, Madou ID, Turek J, Plichta RP, Williams AR, Gaca JG, Hughes. Bilateral thoracosternotomy (clamshell approach) for complex aortic arch surgery. STSA 67th Annual Meeting, Orlando, FL, November 4-7 2020.

Weissler EH, Southerland K, Mureebe L, Malogir E, Nehler M, Long C. Racial disparity in the application of the "fistula first" guideline. Society for Clinical Clinical Vascular Surgery's 48th Annual Symposium, Huntington Beach, CA, March 14-18, 2020.

Weissler EH, Mureebe LH, Olivere LA, Long CH, Southerland KW. Arteriovenous graft versus arteriovenous fistula as initial hemodialysis access in the super elderly: A vascular quality initiative analysis. Southern Association for Vascular Surgery's 44th Annual Meeting, Palm Beach, FL, January 8-11, 2020.

Williams DGA, Ohnuma T, Krishnamoorthy V, et al. Early postoperative nutritional interventions are associated with a decrease in the risk of infectious complications after colorectal surgery: real-world evidence. ERAS USA, November 2019.

Wosik J, Peterson E, Rousseau J, Flaker G, Pignone M, Phelan M, McNeil K, Alderson T, Smith T, Navar A. Accuracy of EHR-derived computable phenotypes to identify clinical events and patient comorbidities. Council on Quality of Care and Outcome Research (QCOR) Scientific Sessions 2020 (Virtual Event)

Wosik J, Si S, Henao R, Carin L, Patel M. Artificial intelligence to identify commonly asked questions via an electronic portal: Lessons from a cardiology department within a large health system. American Heart Association Scientific Sessions 2020, Philadelphia, PA, November 2019.