

# Report of Research Accomplishments



2018

**Beaumont**  
HEALTH

## **Report of Research Accomplishments Beaumont Health Research Institute**

For more than 45 years, researchers at Beaumont have helped to bring new technologies, new treatments, and new medications into the practice of medicine, and have helped to move the standard of care forward to improve the safety and quality of medical care for patients locally, nationally, and internationally. The greatest reward from these achievements is the realization that patients' lives are improved and enriched because of the outstanding research carried out by Beaumont physicians, scientists and staff.

Outstanding biomedical research is a major component of the excellent reputation of Beaumont Health as an academic health system. The Board of Directors at Beaumont made a commitment several decades ago to strengthen Beaumont as an academic institution through growth and support of graduate medical education, the hiring of full time physicians with a history of excellence in research, and committed support of ongoing research activities of key programs. This commitment has helped to forge the reputation of Beaumont Health as a leading academic health system, with recognition by U.S. News and World Report, a distinction which places Beaumont in the forefront of medicine in the U.S.

With Beaumont Health's role as the health care affiliate with the Oakland University William Beaumont School of Medicine, our research activities, graduate medical education, and scholarly endeavors are even more important. Our Board of Directors and senior leadership have reaffirmed their commitment to this ongoing academic mission for Beaumont. Strong undergraduate medical education requires faculty committed to research and a broad, excellent program of graduate medical education. The ACGME (Accreditation Council on Graduate Medical Education) is steadily increasing the requirements for excellence in both faculty research achievement and resident/fellow research training in order to maintain full accreditation for residency and fellowship programs. The Board for Accrediting Level 1 Trauma Center status, presently achieved by Beaumont Royal Oak, now requires productivity of peer-reviewed publications in recognized journals by participating faculty. The LCME (Liaison Committee on Medical Education), the accrediting organization for medical schools in the U.S. and Canada, requires the presence of biomedical research activities that can provide basic, translational and population research opportunities for medical students. The OUWB medical school provides further impetus to enhance biomedical research at both Beaumont and Oakland University, to integrate research activities between the two institutions, and to initiate new programs, centers, and collaborative projects shared by both institutions. Beaumont and Oakland University already have several areas of long standing ongoing research collaboration.

Beaumont research is heavily oriented towards translational research, investigating new treatments, pharmaceuticals, medical devices, and scientific approaches aimed at enhancing the excellence and safety of patient care. Beaumont has a robust program of clinical research, numbering over 1,158 trials with over 10,363 registered research participants. Beaumont's clinical services are superb, providing the standard upon which new and innovative research is built. The volume of patients served at Beaumont, combined with the excellence of clinical care, provides a striking opportunity to develop new treatments. Moving forward, Beaumont Health and OUWB will build upon existing research strengths in nationally recognized clinical and translational programs, including Cardiovascular Medicine, Radiation Oncology, Urology, Orthopaedics, OB/GYN, Ophthalmology, Emergency Medicine and many others, to establish a new emphasis in population/community health and learning health system initiatives that will focus on improving health and healthcare delivery for our patients and communities.

We are proud to present this Report of Research Accomplishments. It highlights the depth and breadth of Beaumont's academic excellence, including our affiliation with OUWB. We extend our congratulations and appreciation to the many investigators who have contributed these extraordinary achievements.

# Beaumont Research Institute

## Fact Sheet – 2018

Beaumont Health, serving southern Michigan and beyond, recognizes the inherent value of research as a major contributing factor to future improvements in health care delivery and the health of our local and global communities. The Beaumont Research Institute (RI), established by the Board of Trustees in 1966, strengthens Beaumont's ability to conduct medical research and to provide research training for allied health and medical staff and students in undergraduate and graduate medical education programs. Beaumont Health is a major teaching facility, with 79 accredited residency and fellowship programs involving 837 residents and 97 fellows, and 168 research staff.

### Funding

Research Institute actual operations \$36.9M

### External Sources of Research Funding

- |                          |      |
|--------------------------|------|
| ▪ Commercial sponsors    | 31 % |
| ▪ Federal sponsors       | 22 % |
| ▪ Philanthropic sponsors | 13 % |
| ▪ Intellectual Property  | 34 % |

### Types of Research at Beaumont Health

Percentage of expenses

- |                         |      |
|-------------------------|------|
| ▪ Clinical Research     | 48 % |
| ▪ Pre-clinical Research | 52 % |

### External Research Funding by Service Line

- |  |      |
|--|------|
| ▪ Radiation Oncology                   | 25 % |
| ▪ Urology                              | 8 %  |
| ▪ Hematology/Oncology                  | 7 %  |
| ▪ Infectious Disease                   | 7 %  |
| ▪ Orthopedics                          | 7 %  |
| ▪ Emergency Medicine                   | 6 %  |
| ▪ Cardiology                           | 4 %  |
| ▪ OB/GYN                               | 4 %  |
| ▪ Other (Various, Admin/Inv. IP Share) | 32 % |

### Clinical Research

- 1,273 clinical studies
- 371 interventional studies
- 902 non-interventional studies
- 434 active principal investigators
- 5,021 registered research participants

### Educational Opportunities for Research Staff

- 2-day orientation for new clinical research staff
- Animal use training
- On-line CITI human subjects protection training
- Online guidance/modules on initiating research
- Resident and Fellow Research Forum
- Seminar series and workshops

### Support Staff Available

- Accounting / Contracting / Administrative
- Biostatistics/Informatics
- Commercialization Center
- Compliance Office
- Research Data Management and Computing
- Grant Development
- Human Resources
- Institutional Animal Care and Use Committee
- Institutional Biosafety Committee
- Institutional Review Board
- Outcomes Research Group
- Research Education

### Support for the Research Institute

- AAALAC accredited animal facility
- AAHRPP accredited human research protection program
- Beaumont Research Coordinating Center for multicenter clinical trials
- BioBank/Erb Family Core Molecular Lab
- Flash CT scanner
- Fully equipped bench laboratories
- National Cancer Institute's Community Oncology Research Program (NCORP)
- Partnership with OUWB School of Medicine
- Proton Beam
- PET-CT and Biotracer

# TABLE OF CONTENTS

BEAUMONT HOSPITAL – ROYAL OAK, TROY and GROSSE POINTE.....	7-148
BEAUMONT HOSPITAL – FARMINGTON HILLS .....	149-155
BEAUMONT HOSPITAL – DEARBORN, TAYLOR, TRENTON and WAYNE .....	156-176

## BEAUMONT HOSPITAL – ROYAL OAK, TROY and GROSSE POINTE

ANESTHESIOLOGY and PERIOPERATIVE MEDICINE .....	8-11
BIOBANK.....	12-13
CARDIOVASCULAR DISEASE .....	14-23
COLON and RECTAL SURGERY .....	24
DIAGNOSTIC RADIOLOGY and MOLECULAR IMAGING.....	25-30
EMERGENCY MEDICINE .....	31-36
FAMILY MEDICINE.....	37-40
SUBSPECIALTY DIVISIONS OF INTERNAL MEDICINE .....	41-67
ALLERGY and IMMUNOLOGY .....	42
GASTROENTEROLOGY and HEPATOLOGY .....	43-44
GENERAL INTERNAL MEDICINE.....	45-53
GERIATRICS.....	54
HEMATOLOGY / ONCOLOGY .....	55-57
INFECTIOUS DISEASES .....	58-60
NEPHROLOGY .....	61
NEUROLOGY .....	62
NUTRITION and PREVENTIVE MEDICINE.....	63
PULMONARY and CRITICAL CARE MEDICINE .....	64-67
NURSING .....	68-70
OBSTETRICAL / GYNECOLOGICAL SERVICES.....	71-74

# **TABLE OF CONTENTS**

OPHTHALMOLOGY .....	75-84
ORTHOPAEDIC SURGERY .....	85-93
PATHOLOGY and LABORATORY MEDICINE .....	94-96
PEDIATRIC SERVICES .....	97-101
PHARMACEUTICAL SERVICES.....	102
PHYSICAL MEDICINE and REHABILITATION.....	103-105
RADIATION ONCOLOGY .....	106-119
RESEARCH INSTITUTE .....	120-121
RESEARCH ADMINISTRATION.....	121
SUBSPECIALTY DIVISIONS OF SURGICAL SERVICES .....	122-137
BREAST CARE CENTER .....	123
GENERAL SURGERY .....	124-126
MULTI-ORGAN TRANSPLANTATION.....	127
NEUROSURGERY .....	128-129
OTOLARYNGOLOGY.....	130-131
PEDIATRIC SURGERY.....	132-133
PLASTIC SURGERY.....	134
THORACIC SURGERY .....	135
VASCULAR SURGERY .....	136-137
UROLOGY .....	138-148

## **BEAUMONT HOSPITAL – FARMINGTON HILLS**

EMERGENCY MEDICINE .....	150-151
GASTROENTEROLOGY .....	152
GENERAL SURGERY .....	153

# TABLE OF CONTENTS

OTOLARYNGOLOGY .....	154
PLASTIC SURGERY .....	155

## BEAUMONT HOSPITAL – DEARBORN, TAYLOR, TRENTON and WAYNE

ANESTHESIOLOGY .....	157
CARDIOVASCULAR DISEASE .....	158
DIAGNOSTIC RADIOLOGY .....	159
PHARMACEUTIAL SERVICES .....	160
PHYSICAL and REHABILITATIVE MEDICINE .....	161
SUBSPECIALTY DIVISIONS OF INTERNAL MEDICINE .....	162-167
DERMATOLOGY .....	163
ENDOCRINOLOGY .....	164
GENERAL INTERNAL MEDICINE .....	165
INFECTIOUS DISEASES .....	166
PALLIATIVE CARE .....	167
OBSTETRICS and GYNECOLOGY .....	168
PSYCHIATRY .....	169
RADIATION ONCOLOGY .....	170-171
RADIOLOGY .....	172
UROGYNECOLOGY .....	173
SUBSPECIALTY DIVISIONS OF SURGICAL SERVICES .....	174-176
ORTHOPAEDIC SURGERY .....	175
PODIATRIC SURGERY .....	176

**Note:** \* Indicates the author(s) was not Beaumont staff at the time of publication, or was a Beaumont employee at the time of the publication but has since left Beaumont.

**BEAUMONT HOSPITAL**  
**Royal Oak, Troy, Grosse Pointe**

# ANESTHESIOLOGY AND PERIOPERATIVE MEDICINE

## Peer-Reviewed Articles:

Saager L, Maiese E, Bash L, Meyer T, Minkowitz H, Groudine S, et al, [Soto R]. Incidence, risk factors, and consequences of residual neuromuscular block in the United States: The prospective, observational, multicenter RECITE-US study. J Clin Anes. 2018 Dec 26;55:33-41.

Manders L, Villerot M, Ohanian S. Dose concomitant use of Ketamine during prostate brachytherapy augment anti-neoplastic effects reducing PSA? J Clin Anes Research. 2018; 2(1):1-3.

Asbahi M, Soto R. Qualitative neuromuscular monitoring: Patterns of stimulation, site of monitoring, and accuracy in detecting residual neuromuscular blockade. Curr Anesthesiol Rep. 2018;8:130-133.

Yaldou B, Cooper M, Soto R. Inter-rater reliability and reception of the Michigan Opioid Safety Score (MOSS). J Perianesth Nurs. 2018 Aug;33(4):412-9.

Villerot M, Manders M, Yaldou B. Small stone syndrome: A reason to broaden your differential for chronic low back pain. Anesth Pain Res. 2018;2(1):1-2.

## Book Chapter or Full Book Publications:

Young C, Soto R, Wagner M, Grichnik K. The Geriatric Patient In: Longnecker DE, Newman MF. Anesthesiology. 3<sup>rd</sup> ed. New York: McGraw Hill; 2018. p.238-249.

## Abstracts with Associated Research Presentations:

Alton D, Yaldou B. When all else fails, interventional options in the treatment of post-herpetic neuralgia of the lower extremity. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

Burandt D, Lepczyk L, Soto R. Clinical implications of prolidase deficiency. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

Burandt D, Soto R. Risks and benefits of photographing patient pathology in the perioperative period. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

Cook R, Masson S, Asbahi M. Esophagostomy while on extracorporeal membrane oxygenation for repair of gastro-bronchial fistula. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

Cook R, Stafford P, Glaeser A. Not all post-partum headaches are our fault: A case of posterior reversible encephalopathy syndrome. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.



## Anesthesiology and Perioperative Medicine

### Abstracts with Associated Research Presentations: continued

**Kraemer J, Larson B, Asbahi M, Bhatti A.** Go with the flow: VA ECMO in the setting of calcium channel blocker overdose. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

**Kraemer J, Masson S, Sikorsky M.** Intrathecal pump pocket infection: A Macgyver approach. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

**Kraemer J, Reck, K, Clemans R.** Intrathecal baclofen withdrawal: Dire consequences afoot. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

**Kraemer J, Toma B, Yaldou B.** Lumbar sympathetic blocks: A novel approach to erythromelalgia. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

**Larson B, Davidovich Z.** Epidural versus subdural catheter placement: Not all potential spaces are equal. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

**Larson B, Soto R.** When weightlifting goes wrong. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

**Lepczyk L, Burandt D, Faulkner M.** When to proceed with elective surgery after CABG. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

**Lepczyk L, Burandt D, Soto R.** Unusual case of mental status change in biliary disease. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

**Lepczyk L, Masson S, Palacio.** Neuroaxial anesthesia in the pregnant patient with underlying coagulopathy. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

Mossa-Basha N, **Yaldou B.** Refractory autonomic dysreflexia during anesthesia. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

**Nowak Z, Issa H, Villalba P.** Acute respiratory distress syndrome: The role of TEE in bicaval dual lumen ECMO. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

**Nowak Z, Villalba P.** Recognition and management of rocuronium induced anaphylaxis. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

## **Anesthesiology and Perioperative Medicine**

### **Abstracts with Associated Research Presentations: continued**

**Stafford P, Soto R.** Perioperative management of a patient with advanced Parkinson's Disease. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

**Stafford P, Soto R.** The simple but challenging sedation case. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

**Stafford P, Soto R, Sternberg D.** The role of physician anesthesiologists in a fragility fracture service. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

**Toma B, Vidri B, Soto, R:** How to control a crisis: Developing a treatment algorithm for carcinoid crisis. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

**Toma B, Asbahi.** The benefits of prone ventilation in acute respiratory failure. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

**Toma B, Soto R.** The implications of intubation following iatrogenic injury in a DNR/DNI patient. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

**Villerot M, Masson S, Sikorsky M.** Successful spinal cord stimulator implantation in patient with Type II Von-Willebrand Disease. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

**Villerot M, Tobes D, Murray R.** Broadening our differential after regional block complication mimics. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

**Zhang L, Ntumy F, Gill S.** Liver transplant reperfusion complications and management. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

**Zhang L, Vidri B, Glaeser A.** Anesthetic management of a patient with suspected Creutzfeldt-Jakob Disease. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

### **Invited Research Presentations:**

**Soto R.** Burnout and resilience. Detroit Medical Center Grand Rounds, Detroit, MI, May 16, 2018.

**Soto R.** Enhanced recovery after surgery. Case University Hospital Grand Rounds, Cleveland, OH, January 24, 2018. Allegheny General Hospital, November 20, 2018.

## **Anesthesiology and Perioperative Medicine**

### **Invited Research Presentations: continued**

**Soto R.** Expectation management and the opioid epidemic. Alliance for Patient Access Annual Summit, Washington DC, November 26-27, 2018.

**Soto R.** Mandatory drug testing of anesthesiologists: Pros and cons. Annual American Society of Anesthesiologists (ASA) Conference, San Francisco, CA, October 13-17, 2018.

### **Non Peer-Reviewed Research Publications:**

**Katz E.** Recommendations for breast feeding after anesthesia. Michigan Society of Anesthesiologists Newsletter, Summer/Fall 2018.

# BIOBANK

## Peer-Reviewed Articles:

Anyaiwe DEO, Sing GB, **Wilson GD**, \***Geddes TJ**. Computational convolution of SELDI data for the diagnosis of Alzheimer's disease. High Throughput. 2018 May 17;7(2).

Anyaiwe DEO, **Wilson GD**, \***Geddes TJ**, Singh GB. Harnessing mass spectra data using KNN principle: Diagnosing Alzheimer's disease. ACM SIGBioinform. 2018;Rec.7:2.

Blas K, Tonlaar N, Galoforo S, \***Ahmed S**, Wilson TG, Marples B, et al, [**Wilson GD**]. Dual blockade of PI3K and MEK in combination with radiation in head and neck cancer. Clin Transl Radiat Oncol. 2018 Apr 27;11:1-10.

Caruso JA, Carruthers NJ, \***Thibodeau BJ**, \***Geddes TJ**, Dombkowski AA, Stemmer PM. Global signaling profiling in a human model of tumorigenic progression indicates a role for alternative RNA splicing in cellular reprogramming. Int J Mol Sci. 2018 Sep;19(10):pii:E2847.

McKee C, Beeravolu N, Bakshi S, \***Thibodeau BJ**, **Wilson GD**, Perez-Cruet M, et al. Cytotoxicity of radiocontrast dyes in human umbilical cord mesenchymal stem cells. Toxicol Appl Pharmacol. 2018 Jun 15;349:72-82.

\*Stone B, \***Thibodeau BJ**, \*Baschnagel AM, \***Fortier LE**, **Wilson GD**, Jury RP. Gene expression profiling in long and short-term survivors after resection for pancreatic cancer reveals new insights into prognosis and treatment. J Pancreas 2018;19:51-57.

\***Thibodeau BJ**, Lavergne V, Dekhne N, Benitez P, Amin M, \***Ahmed S**, et al, [**Wilson GD**]. Mutational landscape of radiation-associated angiosarcoma of the breast. Oncotarget. 2018 Jan 19; 9(11):10042-10053.

**Wilson GD**, Johnson M, \***Ahmed S**, Cardenas PY, Grills IG, \***Thibodeau BJ**. Targeted DNA sequencing of non-small cell lung cancer identifies mutations associated with brain metastases. Oncotarget 2018. May;9(40):25957-25970.

## Abstracts with Associated Research Presentations:

\***Geddes TJ**, **Pruetz BL**, **Karabon R**, **Shadaia S**, \***Hossain M**, **Theis J**, et al, [**Wilson GD**]. Divergent genomic, proteomic, and histological analysis results from separate intra-institutional tissue fixation protocols. Annual Meeting of the International Society for Biological and Environmental Repositories (ISBER), Dallas, TX, May 20-24, 2018.

**Pruetz B**, \***Geddes T**, **Farwell M**, **Karabon R**, **Theis J**, **Shadaia S**, et al, [**Wilson GD**]. Quality enhancements of your biorepository through continuous metrics review. Annual Meeting of the International Society for Biological and Environmental Repositories (ISBER), Dallas, TX, May 20-24, 2018.

## BioBank

### Invited Research Presentations:

**Pruetz B**, Tomlinson T, Loup A. Informed consent of participants. The Annual Scientific Symposium of the Great Lakes Biorepository Research Network (GLBRN), Ann Arbor, MI, September 7, 2018.

**Wilson GD**, Jewell S, Rohrer D. Key elements of biobanking for clinical and translational research. The Annual Scientific Symposium of the Great Lakes Biorepository Research Network (GLBRN), Ann Arbor, MI, September 7, 2018.

# CARDIOVASCULAR DISEASE

## Peer-Reviewed Articles:

Ali-Ahmed F, Goyal V, Patel M, Orelaru F, **Haines DE**, Wong WS. High-power, low-flow, short-ablation duration-the key to avoid collateral injury? J Interv Card Electrophysiol, published online October 30, 2018.

Patel M, Matka M, Tagami T, \*Boura J, Culter N, **Almany SL**, et al. The value added by a limited echocardiogram to a student athlete screening program. J Am Coll Card. 2018 Mar;71:(11).

Alyesh DM, Seth M, Miller DC, Dupree JM, Syrjamaki J, Sukul D, et al, [**Dixon SR**]. Exploring the healthcare value of percutaneous coronary intervention: Appropriateness, outcomes, and costs in Michigan hospitals. Circ Cardiovasc Qual Outcomes. 2018 Jun;11(6):e004328.

Anderson M, Morris DL, Tang D, Batsides G, Kirtane A, **Hanson I**, et al. Outcomes of patients with right ventricular failure requiring short-term hemodynamic support with the Impella RP device. J Heart Lung Transplant. 2018 Dec;37(12):1448-1458.

Armstrong M, Paternostro-Bayles M, Conroy MB, **Franklin BA**, Richardson C, Kriska A. Preparticipation screening before physical activity in community lifestyle interventions. Translat J Am Coll Sports Med. 2018 Nov 15;3(22):176-180.

Ayoub C, Kritharides L, Yam Y, Chen L, Hossain A, Achenbach S, et al, [**Chinnaiyan KM, Raff GL**]. Prognostic value of age adjusted segment involvement score as measured by coronary computed tomography: A potential marker of vascular age. Heart Vessels. 2018 Nov;33(11):1288-300.

Barnes G, Kong X, Cole D, Haymar B, Kline-Rogers E, **Almany SL**, et al. Extended international normalized ratio testing intervals for warfarin-treated patients. J Thromb Haemost. 2018 Jul;16(7):1307-1312.

Basir MB, Schrieber T, **Dixon SR**, Alaswad K, Patel K, **Almany SL**, et al, [**Hanson I, Ashbrook M, Timmis SBH**]. Feasibility of early mechanical circulatory support in acute myocardial infarction complicated by cardiogenic shock: The Detroit Cardiogenic Shock Initiative. Cath Cardiovasc Interv. 2018 Feb 15;91(3):454-461.

**Bloomingtondale R**, Walters JL 3<sup>rd</sup>, **Mertens A, Ramos R, Gallagher M**, Forbes TJ, et al. Coronary sinus stenosis with right coronary artery to coronary sinus fistula. Ann Thorac Surg. 2018 Dec 7;pii: S0003-4975(18)31790-9.

**Bowdon M, Marcovitz P**, Jain SK, \*Boura J, Liroff KG, **Franklin BA**. Exercise training in “at-risk” black and white women: A comparative cohort analyses. Med Sci Sports Exer. 2018 Jul;50(7):1350-1356.

## Cardiovascular Disease

### Peer-Reviewed Articles: continued

**Cami E, Tagami T, Raff G**, Fonte TA, **Renard B, Gallagher MJ**, et al, [**Chinnaiyan KM, Safian RD**]. Assessment of lesion-specific ischemia using fractional flow reserve (FFR) profiles derived from coronary computed tomography angiography (FFRCT) and invasive pressure measurements (FFRINV): Importance of the site of measurement and implications for patient referral for invasive coronary angiography and percutaneous coronary intervention. *J Cardiovasc Comput Tomogr*. 2018 Nov-Dec;12(6):480-492.

Chang HJ, Lin FY, Lee SE, Andreini D, Bax J, Cademartiri F, et al, [**Chinnaiyan KM, Raff GL**]. Coronary atherosclerotic precursors of acute coronary syndromes. *J Am Coll Cardiol*. 2018 Jun 5;71:(22)2511-2522.

Cho I, Al'Aref SJ, Berger A, O'Hartaigh B, Gransar H, Valenti V, et al, [**Chinnaiyan K, Raff GL**]. Prognostic value of coronary computed tomographic angiography findings in asymptomatic individuals: A 6-year follow-up from the prospective multicentre international CONFIRM study. *Eur Heart J*. 2018 Mar 14;39:(11):934-41.

Cho YK, Nam CW, Koo BK, Schulman-Marcus J, Hartaigh BO, Gransar H, et al, [**Chinnaiyan K, Raff GL**]. Usefulness of baseline statin therapy in non-obstructive coronary artery disease by coronary computed tomographic angiography: From the CONFIRM (Coronary CT Angiography Evaluation for clinical outcomes: An international multicenter) study. *PLoS One* 2018. Dec 12;13(12):e0207194.

David SW, Khan ZA, Patel NC, Metzger DC, Wood FO, Wasserman HS, et al, [**Hanson ID, Dixon SR**]. Evaluation of intracoronary hyperoxemic oxygen therapy in acute anterior myocardial infarction: The IC-HOT study. *Catheter Cardiovasc Interv*, published online September 28, 2018.

Eijsvogels TMH, Thompson PD, **Franklin BA**. The 'extreme exercise hypothesis': Recent findings and cardiovascular health implications. *Curr Treat Options Cardiovasc Medi*. 2018 Aug 28;20(10):84.

Fairbairn TA, Nieman K, Akasaka T, Norgaard BJ, Berman DS, **Raff GL**, et al. Real-world clinical utility and impact on clinical decision-making of coronary computed tomography angiography-derived fractional flow reserve: Lessons from the ADVANCE Registry. *Eur Heart J*. 2018; 39:3701-3711.

**Feldmann K, Goldstein J**, \*Victor Marinescu, **Dixon SR, Raff GL**. Disparate impact of ischemic injury on regional wall dysfunction in acute anterior vs inferior myocardial infarction. *Cardiovasc Revasc Med*, published online December 21, 2018.

**Feldmann K, Cami E, Safian RD**. Planning percutaneous coronary interventions using computed tomography angiography and fractional flow reserve-derived from computed tomography: A state-of-the-art review. *Catheter Cardiovasc Interv*, published online October 4, 2018.

**Franklin BA**, Chaddha A. Resting heart rate and blood pressure as indices of cardiovascular and mortality risk: Is lower invariably better? *J Cardiopulm Rehabil Prev*. 2018 Nov;38(6):353-357.

## Cardiovascular Disease

### Peer-Reviewed Articles: continued

**Franklin BA**, Kaminsky LA, Kokkinos P. Editorial. Quantitating the dose of physical activity in secondary prevention: Relation of exercise intensity to survival. *Mayo Clin Proc.* 2018 Sep;93(9):1158-1163.

**Franklin BA**, Kokkinos P, Lavie CJ. Do not forget physical activity and cardiorespiratory fitness. *Am J Cardiol.* 2018 Nov 15;122(10):1797-1799.

**Franklin BA, Brinks J**, Berra K, Lavie CJ, Gordon NF, Sperling LS. Using metabolic equivalents in clinical practice. *A J Cardiol.* 2018 Feb 1;121(3):382-387.

**Goldstein JA.** Coronary CT angiography: Identification of patients and plaques “at risk”. *J Am Coll Cardiol.* 2018;71:2523-6.

**Goldstein JA, Dixon SR**, Douglas PS, Ohman EM, Moses J, Popma, et al. Maintenance of valvular integrity with Impella left heart support: Results from the multicenter PROTECT II randomized study. *Cath Cardiovasc Interv.* 2018 Oct 1;92(4):813-817.

**Grafe K**, Bendick P, Burr M, Boura J, **Franklin BA.** Effects of resistance training on vascular and hemodynamic responses in patients with coronary artery disease. *Res Q Exer Sport.* 2018 Dec;89(4):457-464.

Gurm HS, Seth M, **Dixon SR**, Michael Grossman P, Sukul D, Lalonde T, et al. Contemporary use of and outcomes associated with ultra-low contrast volume in patients undergoing percutaneous coronary interventions. *Catheter Cardiovasc Interv*, published online August 25, 2018.

Gurm HS, Seth M, **Dixon SR**, Kraft P, Jensen A. Trends in contrast volume use and incidence of acute kidney injury in patients undergoing percutaneous coronary intervention: Insights from the Blue Cross Blue Shield of Michigan Cardiovascular Collaborative (BMC2). *JACC Cardiovasc Interv* 2018 Mar 12;11(5):509-511.

**Haines DE.** Cooking with radiofrequency energy: What is the right recipe? *JACC: Clin Electrophysiol.* 2018;4(4):480-482.

Han D, Hartaigh BO, Gransar H, Lee JH, Rizvi A, Baskaran L, et al, [**Chinnaiyan KM, Raff GL**]. Incremental prognostic value of coronary computed tomography angiography over coronary calcium scoring for major adverse cardiac events in elderly asymptomatic individuals. *Eur Heart J Cardiovasc Imaging.* 2018 Jun 1;19(6):675-83.

Hanson ID, **Goldstein JA.** Acute right ventricular failure: Diagnosis, management and basic principles of percutaneous mechanical circulatory support. *Cardiac Interventions Today* March/April 2018.

**Hanson ID, Dalal PK, Renard BM, Hanzel GS**, Vivacqua A. Emergency valve-in-valve transcatheter aortic valve implantation for the treatment of acute stentless bioprosthetic aortic insufficiency and cardiogenic shock. *Case Rep Cardiol.* 2018 Mar 13;2018:6872748.



## Cardiovascular Disease

### Peer-Reviewed Articles: continued

Jae SY, Bunsawat K, Choi YH, Kim YS, Touyz RM, Park JB, **Franklin BA**. Relation of serum uric acid to an exaggerated systolic blood pressure response to exercise testing in normotensive men. *J Clin Hypertens*. 2018 Mar;20(3):551-556.

Jae SY, Laukkanen JA, Choi Y-H, **Franklin BA**. Association between cardiorespiratory fitness and indices of coronary artery calcification in men. *Mayo Clin Proc*. 2018 May;93(5):665-666.

Jae SY, Kurl S, Fernhall B, Kunutsor SK, **Franklin BA**, Laukkanen JA. Are metabolically healthy overweight/obese men at increased risk of sudden cardiac death? *Mayo Clinic Proceedings*. 2018;93(9):1266-1270.

Jae SY, **Franklin BA**, Kurl S, Fernhall B, Kunutsor S, Kauhanen J, et al. Effect of cardiorespiratory fitness on risk of sudden cardiac death in overweight/obese men aged 42 to 60 years. *Am J Cardiol*. 2018 Sep 1;122(5):775-779.

Jayaschandran V, **Mertens AN**, Patel VK, Dalal B. Life threatening massive hemoptysis after cryoablation for atrial fibrillation. *J Bronchology Interv Pulmonol*. 2018 Jan;25(1):67-69.

Kitabata H, Leipsic J, Patel MR, Nieman K, De Bruyne B, Rogers C, et al, [**Chinnaiyan KM, Raff GL**]. Incidence and predictors of lesion-specific ischemia by FFRCT: Learnings from the international ADVANCE registry. *J Cardiovasc Comput Tomogr* 2018. Mar-Apr;12(2):95-100.

Kokkinos P, Myers J, **Franklin BA**, Narayan P, Lavie CJ, Faselis C. Cardiorespiratory fitness and health outcomes: A call to standardize fitness categories. *Mayo Clin Proc*. 2018 Mar;93(3):333-336.

Kokkinos P, Narayan P, Myers J, **Franklin BA**. Cardiorespiratory fitness and the incidence of chronic disease. *J Clin Exer Physiol*. 2018 Jun;7(2):37-45.

Lee JH, Han D, Hartaigh BO, Gransar H, Lu Y, Rizvi A, et al, [**Chinnaiyan KM, Raff GL**]. Influence of symptom typicality for predicting MACE in patients without obstructive coronary artery disease: From the CONFIRM Registry (Coronary Computed Tomography Angiography Evaluation for Clinical Outcomes: An international multicenter registry). *Clin Cardiol* 2018. May;41(5):586-93.

Lee SE, Chang HJ, Sung JM, Park HB, Heo R, Rizvi A, et al, [**Chinnaiyan KM, Raff GL**]. Effects of statins on coronary atherosclerotic plaques: The PARADIGM Study. *JACC Cardiovasc Imaging*. 2018 Oct;11(10):1475-84.

Lee SE, Sung JM, Rizvi A, Lin FY, Kumar A, Hadamitzky M, et al, [**Chinnaiyan KM, Raff GL**]. Quantification of coronary atherosclerosis in the assessment of coronary artery disease. *Circ Cardiovasc Imaging*. 2018 Jul;11(7):e007562.

**Mertens A, Dalal P, Ashbrook M, Hanson I**. Coil embolization of coronary-cameral fistula complicating revascularization of chronic total occlusion. *Case Rep Cardiol*. 2018 Aug 29; 2018;2018:6857318.

## Cardiovascular Disease

### Peer-Reviewed Articles: continued

Nakahama H, Jankowski M, **Dixon SR, Abbas AE**. Opolski MP, Gransar H, et al, [**Chinnaiyan K, Raff GL**]. Prognostic value of chronic total occlusions detected on coronary computed tomographic angiography. *Heart*, published online July 30, 2018.

O'Neill WW, Grines C, Schreiber T, Moses J, Maini B, **Dixon SR**, Ohman EM. Analysis of outcomes for 15,259 US patients with acute myocardial infarction cardiogenic shock (AMICS) supported with the Impella device. *Am Heart J*. 2018 Aug;202:33-38.

Quindry JC, **Franklin BA**. Cardioprotective exercise and pharmacologic interventions as complementary antidotes to cardiovascular disease? *Exer Sport Sci Rev*. 2018 Jan;46(1):5-17.

**Rothschild DR, Goldstein JA**. Submassive pulmonary embolus: The challenge of thrombolytic decision-making in a heterogenous cohort. *Cath Cardiovasc Intervent*. 2018;92:372-3.

Song C, Sukul D, Seth M, Wohns D, **Dixon SR**, Slocum N, Gurm H. Outcomes after percutaneous coronary intervention in patients with a history of cerebrovascular disease. Insights from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium. *Circ Cardiovasc Interv*. 2018 Jun;11(6):e006400.

Stewart MT, **Haines DE**, Verma A, Kirchhof N, Barka N, Grassl E, Howard B. Intracardiac pulsed field ablation: Proof of feasibility in a chronic porcine model. *Heart Rhythm*, 2018 Oct 30. pii: S1547-5271(18)31116-0.

van Rosendaal AR, Maliakal G, Kolli KK, Beecy A, Al'Aref SJ, Dwivedi A, et al, [**Chinnaiyan K, Raff GL**]. Maximization of the usage of coronary CTA derived plaque information using a machine learning based algorithm to improve risk stratification; insights from the CONFIRM registry. *J Cardiovasc Comput*. 2018 May-Jun;12:(3)204-9.

Vetrovec GW, Anderson M, Schrieber T, Popma J, Lombardi W, Maini B, et al, [**Dixon SR**]. The cVAD registry for percutaneous temporary hemodynamic support: A prospective registry of Impella mechanical circulatory support use in high-risk PCI, cardiogenic shock and decompensated heart failure. *Am Heart J*. 2018 May;199:115-121.

Weir-McCall JR, Blanke P, Sellers SL, Ahmadi AA, Adreini D, Budoff MJ, et al, [**Chinnaiyan KM, Raff GL**]. Impact of non-obstructive left main disease on the progression of coronary artery disease: A PARADIGM substudy. *J Cardiovasc Comput Tomogr*. 2018 May-Jun;12(3):231-237.

Won KB, Lee SE, Lee BK, Park HB, Heo R, Rizvi A, et al, [**Chinnaiyan K, Raff GL**]. Longitudinal assessment of coronary plaque volume change related to glycemic status using serial coronary computed tomography angiography: A PARADIGM (Progression of Atherosclerotic Plaque Determined by Computed Tomographic Angiography Imaging) substudy. *J Cardiovasc Computed Tomogr*. 2018 Dec 17; pii: S1934-5925(18)30181-3.

Wright M, Harks E, Deladi S, Fokkenrood S, Brink R, **Haines DE**. Characteristics of radiofrequency catheter ablation lesion formation in real time in vivo using near field ultrasound imaging. *J Am Coll Cardiol Electrophysiol*. 2018 Aug;4(8):1062-1072.

## Cardiovascular Disease

### Peer-Reviewed Articles: continued

Writing Committee M, Hirshfeld JW Jr, Ferrari VA, Bengel FM, Bergersen L, Chambers CE, et al, [Haines DE, Raff GL]. 2018 ACC/HRS/NASCI/SCAI/SCCT expert consensus document on optimal use of ionizing radiation in cardiovascular imaging-best practices for safety and effectiveness, Part 1: Radiation physics and radiation biology. *Catheter Cardiovasc Interv*. 2018 Aug 1;92(2):203-221.

Xie JX, Cury RC, Leipsic J, Crim MT, Berman DS, Gransar H, et al, [Chinnaiyan KM, Raff GL]. The coronary artery disease-reporting and data system (CAD-RADS): Prognostic and clinical implications associated with standardized coronary computed tomography angiography reporting. *JACC Cardiovasc Imaging*. 2018 Jan;11(1):78-89.

### Book Chapter or Full Book Publications:

**Goldstein JA.** An anatomic pathophysiologic approach to hemodynamic assessment. In: Kern MJ, Lim MI, **Goldstein JA**, editors. *Hemodynamic rounds: interpretation of cardiac pathophysiology from pressure waveform analysis*. 4<sup>th</sup> ed. New York: Wiley Blackwell, 2018. p.409-426.

**Goldstein JA.** Hemodynamic manifestations of ischemic right-heart dysfunction. In: Kern MJ, Lim MI, **Goldstein JA**, editors. *Hemodynamic rounds: interpretation of cardiac pathophysiology from pressure waveform analysis*. 4<sup>th</sup> ed. New York: Wiley Blackwell, 2018. p.235-248.

**Goldstein JA.** Introduction to pericardial disease. In: Kern MJ, Lim MI, **Goldstein JA**, editors. *Hemodynamic rounds: interpretation of cardiac pathophysiology from pressure waveform analysis*. 4<sup>th</sup> ed. New York: Wiley Blackwell, 2018. p.195-218.

**Goldstein JA.** Restrictive cardiomyopathy: Differentiating constrictive pericarditis and restriction. In: Kern MJ, Lim MI, **Goldstein JA**, editors. *Hemodynamic rounds: interpretation of cardiac pathophysiology from pressure waveform analysis*. 4<sup>th</sup> ed. New York: Wiley Blackwell, 2018. p.219-234.

**Goldstein JA, Brugaletta S, Madden SP, Sum, ST, Dixon SR, Madden RD, et al.** Near-infrared spectroscopy. In: Eeckhout, E, Serruys PW, van Sunbeek M, DePalma R, editors. *The PCR-EACPI textbook: percutaneous interventional cardiovascular medicine* [book on the Internet]. 2018. Available from: <https://www.pcronline.com>.

**Goldstein JA, Kern MJ.** Principles of normal physiology and pathophysiology. In: Kern MJ, Lim MI, **Goldstein JA**, editors. *Hemodynamic rounds: interpretation of cardiac pathophysiology from pressure waveform analysis*. 4<sup>th</sup> ed. New York: Wiley Blackwell, 2018. p.3-34.

**Hanson ID, Goldstein JA.** Invasive hemodynamic assessment of shock and use of mechanical support for acute left and right ventricular failure. In: Kern MJ, Lim MI, **Goldstein JA**, editors. *Hemodynamic rounds: interpretation of cardiac pathophysiology from pressure waveform analysis*. 4<sup>th</sup> ed. New York: Wiley Blackwell, 2018. p. 401-407.

## Cardiovascular Disease

### Book Chapter or Full Book Publications: continued

Kern MJ, Lim MI, **Goldstein JA**, editors. Hemodynamic rounds: Interpretation of cardiac pathophysiology from pressure waveform analysis. 4<sup>th</sup> ed. New York: Wiley Blackwell, 2018.

### Abstracts with Associated Research Presentations:

Basir M, Isseh I, Schreiber T, Kaki A, Finley J, Lasorda D, et al, [**Dixon SR**]. Lactate and cardiac power output measurements at 12-24 hours reliably predict outcomes in cardiogenic shock: Insights from the National Cardiogenic Shock Initiative. JACC. 2018 Sep;72(13).

**Bowdon M, Marcovitz P**, Jain SK, \*Boura J, Liroff K, **Franklin BA**. Exercise training in 'at risk' black and white women: A comparative cohort analysis. American College of Sports Medicine Annual 65<sup>th</sup> Meeting and 9<sup>th</sup> World Congress on Exercise is Medicine, Minneapolis, MN, May 29-June 2, 2018.

**Feldmann K, Gallagher M, Cami E**, Yeow R, **Safian R**. FFRct analysis of anomalous aortic origin of a coronary artery: Single center case series of surgically confirmed intramural arteries. 13<sup>th</sup> Annual Society of Cardiovascular Computed Tomography (SCCT) Meeting, Grapevine, TX, July 12-15, 2018.

**Grafe K**, Bendick P, Burr M, Boura J, **Brunk D, Franklin BA**. Effects of resistance training on vascular and hemodynamic responses to standardized workloads in coronary patients. American College of Sports Medicine Annual 65<sup>th</sup> Meeting and 9<sup>th</sup> World Congress on Exercise is Medicine, Minneapolis, MN, May 29-June 2, 2018.

**Haines DE**, Verma A, Kirchhof N, Barka ND, Grassl ED, Howard BT, et al. Pulsed field ablation: Feasibility of advanced electroporation and comparison to RF. Heart Rhythm. 2018;15:S143.

**Hendrickson K**. Cardiac rehabilitation: A gateway to the Senior Olympics. American College of Sports Medicine Annual 65<sup>th</sup> Meeting and 9<sup>th</sup> World Congress on Exercise is Medicine, Minneapolis, MN, May 29-June 2, 2018.

Howard BT, **Haines DE**, Verma A, Kirchhof N, Barka ND, Onal B, Stewart MT. Pulsed field ablation reduces pulmonary vein stenosis risk: An advanced model for assessment of PV stenosis. Circulation. 2018;138:(1).

Jae SY, Kurl S, Laukkanen J, **Franklin BA**. Is there an "asymptote of gain" beyond which further increases in cardiorespiratory fitness convey no additional benefits on all-cause mortality, cardiovascular mortality, sudden death, and atrial fibrillation? Annual Meeting of the European Society of Cardiology, Munich, Germany, August 25-29, 2018.

Lynch S, Aneese A, **Dixon SR**, Lauter C. A heart gone bananas: Allergy-induced coronary vasospasm due to banana (Kounis Syndrome). American Academy of Asthma and Immunology World Allergy Organization (AAAAI/WAO), Orlando, FL, March 2-5, 2018.

## Cardiovascular Disease

### Abstracts with Associated Research Presentations: continued

Madder R, Seth M, Schrieber T, Kaki A, Chattahi J, West D, et al, [Dixon SR]. Statewide variability in radiation doses exceeding 5-gy during percutaneous coronary intervention: Data from the Blue Cross Blue Shield of Michigan Cardiovascular Collaborative (BMC2) Registry. JACC. 2018 Sep;72(13).

Matsumura M, Weisz G, Yamamoto M, Andrews J, Kini A, Brilakis E, et al, [Dixon SR]. Angiographic predictors of lipid rich plaque detected by near-infrared spectroscopy: the COLOR registry. JACC. 2018 Mar;71(11).

Meraj PM, Hill J, Dixon SR, Schrieber T, Moses J, Schaefer A. Non-emergent percutaneous coronary intervention on an unprotected left main coronary artery supported with Impella heart pump in patients ineligible for surgical revascularization. JACC. 2018 Mar;71(11).

**Rothschild D, Goldstein J, Bowers T.** Low-dose systemic thrombolytic therapy for treatment of submassive pulmonary embolism: Clinical efficacy but attendant hemorrhagic risks. Catheter Cardiovasc Interv, published online December 14, 2018. 4<sup>th</sup> Annual PE Symposium, Nashville, TN June 22-23, 2018.

**Rothschild D, Goldstein J, Bowers T.** Ultrasound-accelerated thrombolysis (USAT) versus standard catheter-directed thrombolysis (CDT) for treatment of pulmonary embolism: A retrospective analysis. 4<sup>th</sup> Annual PE Symposium, Nashville, TN June 22-23, 2018.

**Sacks R, Franklin BA, \*Boura J, Rida R, Potkin S, Friedman H, et al, [Trivax J, Bilolikar A, Brunk D, Brinks J].** Using the heart rate index equation to estimate peak METs in physically active adults. American College of Sports Medicine Annual 65<sup>th</sup> Meeting and 9<sup>th</sup> World Congress on Exercise is Medicine, Minneapolis, MN, May 29-June 2, 2018.

Wanamaker B, Seth M, Sukul D, Dixon S, Bhatt D, Madder R, et al. Troponin level at presentation is a strong predictor of outcome among patients undergoing percutaneous coronary intervention for ST elevation myocardial infarction: Insights from the Blue Cross Blue Shield of Michigan Cardiovascular Collaborative (BMC2) Registry. JACC. 2018 Mar;71(11).

### Invited Research Presentations:

**Dixon SR.** Mechanical support for high risk PCI: Clinical cases of success. American College of Cardiology (ACC), Orlando, FL March 10-12, 2018.

**Dixon SR.** Contrast reduction strategies in PCI. Blue Cross Blue Shield Blue Care Network Meeting, Novi, MI, April 21, 2018.

**Dixon SR.** How do we use IVUS for PCI guidance? Blue Cross Blue Shield Blue Care Network Meeting, Detroit, MI, October 27, 2018.

**Franklin BA.** Recent advances in preventive cardiology and lifestyle medicine. Clinical Obesity Medicine Conference, Center for Medical Weight Loss, Las Vegas, NV, January 20-21, 2018.

## Cardiovascular Disease

### Invited Research Presentations: continued

**Franklin BA.** Beyond botox and cosmetic surgery: Exercise and other anti-aging lifestyle interventions. Clinical Obesity Medicine Conference, Center for Medical Weight Loss, Las Vegas, NV, January 20-21, 2018. 10<sup>th</sup> Annual Advances in Heart Disease Prevention and Rehabilitation Conference, Beaumont Hospital, Troy, MI, March 3, 2018.

**Franklin BA.** Rehabilitation in cardiovascular disease: From prevention to intervention. Annual Viennese Physicians Society Meeting (Sommersemester), Vienna, Austria, March 13, 2018.

**Franklin B.** Cardiac rehabilitation in 2018: Incorporating new populations and approaches. Preventive Cardiovascular Nurses Association Annual Meeting, Baltimore, MD, April 4-7, 2018.

**Franklin BA.** High-volume, high-intensity exercise and cardiovascular health: Changing paradigms and perceptions. American Medical Society for Sports Medicine Annual Meeting, Orlando, FL, April 24-29, 2018.

**Franklin BA.** Impact of exercise training on black and white women at risk for cardiovascular disease. Heart and Style Event, Oakland Hills Country Club, Bloomfield Hills, MI, May 17, 2018.

**Franklin BA.** Behavioral skills for winning in life. American College of Sports Medicine (ACSM) 65<sup>th</sup> Annual Meeting, Minneapolis, MN, May 29-June 2, 2018.

**Franklin BA.** Beyond exercise: Moving from activity interventions to comprehensive risk reduction and disease prevention (Tutorial Lecture). American College of Sports Medicine (ACSM) 65<sup>th</sup> Annual Meeting, Minneapolis, MN, May 29-June 2, 2018.

**Franklin BA.** Recent advances in preventive cardiology and lifestyle medicine. 21<sup>st</sup> Annual Beaumont Troy Medical Staff Symposium, Boyne Falls, MI, June 21-23, 2018.

**Franklin BA.** GPS for professional success: 10 behavior skills of highly successful people. 21<sup>st</sup> Annual Beaumont Troy Medical Staff Symposium, Boyne Falls, MI, June 21-23, 2018.

**Franklin BA.** Extreme exercise and cardiovascular health: Clarifying the risk-protection paradox. Medical Grand Rounds, Sinai-Grace Hospital, Detroit, Michigan, September 6, 2018.

**Franklin BA.** Recent advances in preventive cardiology and lifestyle medicine. Faculty of Medicine, University of Lisbon, Lisbon, Portugal, October 25-28, 2018.

**Franklin BA.** Cardiac rehabilitation and secondary prevention: Changing paradigms and perceptions. Faculty of Medicine, University of Lisbon, Lisbon, Portugal, October 25-28, 2018.

**Goldstein JA.** Impella RP for RV shock and diagnosis and treatment options for RV shock. Cardiology Research Technologies (CRT) Conference, Washington, DC, March 3-6, 2018.

**Goldstein JA.** Mechanical support in RV failure: The search for vulnerable plaque: The emerging role of CTA, understanding the anatomy (and Embryology) of the foramen ovale. Scottsdale Interventional Forum, Scottsdale, AZ, March 21-24, 2018.

## Cardiovascular Disease

### Invited Research Presentations: continued

**Goldstein JA.** Radiation safety: Do's and don'ts. Advanced Revascularization Chapter (ARCH) Percutaneous Cardiac and Peripheral Vascular Therapeutics Symposium, St. Louis, MO, April 12-13, 2018.

**Goldstein JA.** Patient radiation skin injury: Frequency, prevention and treatment. The Society for Cardiovascular Angiography and Interventions (SCAI) Annual Meeting, San Diego, CA, April 25-28, 2018.

**Goldstein JA.** Diagnosis and treatment of vulnerable plaque. Complex Cardiovascular Catheter Therapeutics Meeting, Orlando, FL, June 17-20, 2018.

**Goldstein JA.** NIRS-IVUS to guide stenting. Transcatheter Cardiovascular Therapeutics (TCT) 30<sup>th</sup> Annual Scientific Meeting, San Diego, CA, September 21-25, 2018.

Haymart B, Kong X, Kline-Rodgers E, **Almany SL**, Kozlowski J, Krol G, et al. Outcomes in non-valvular atrial fibrillation patients with good and poor INR control after switching to direct oral anticoagulants. 64<sup>th</sup> Annual International Society of Thrombosis and Haemostasis (ISTH) Scientific Standardization Committee (SSC), Dublin, Ireland, July 18-21, 2018.

**Mertens A, Bloomingdale R, Hanzel G, Gallagher M, Ramos R.** Right coronary artery to coronary sinus fistula presenting with pericardial effusion. American College of Cardiology 67<sup>th</sup> Annual Scientific Session and Expo, Orlando, FL, March 10-12, 2018.

### Non Peer-Reviewed Research Publications:

**Almany SL.** World's smallest heart pump saves man in auto accident. Beaumont Health and Wellness, December 18, 2018. <https://www.beaumont.org/health-wellness/news/worlds-smallest-heart-pump-saves-man-in-auto-accident>.

**Hanson ID.** Getting the flu can be deadly. State of the Heart, Fall 2018, Beaumont Hospital quarterly publication.

# COLON and RECTAL SURGERY

## Peer-Reviewed Articles:

Disbrow D, Seelbach CL, Albright J, Ferraro J, Wu J, **Hain JM**, et al. Statin medications are associated with decreased risk of sepsis and anastomotic leaks after rectal resections. Am J Surg. 2018 Jan 31;pii: S0002-9610(17)31471-X.

## Book Chapter or Full Book Publications:

**Baptiste D, Shellnut J.** Sacral neuromodulation for fecal incontinence. In: **Gilleran JP**, Alpert S, editors. Adult and pediatric neuromodulation. Cham: Springer, 2018. p. 119-130.

## Abstracts with Associated Research Presentations:

Reynolds P, **Hain JM.** Anastomotic fistula presenting as pneumoretroperitoneum. Michigan Society of Colon and Rectal Surgery Meeting (MSMS), Novi, MI October 30, 2018.



# DIAGNOSTIC RADIOLOGY and MOLECULAR IMAGING

## Peer-Reviewed Articles:

**Al-Katib S, Colvin R, Sokhandon F.** Intravascular large b-cell lymphoma: Presenting with diffuse gallbladder wall thickening: A case report and literature review. *Case Rep Radiol.* 2018 Apr 22;2018:2494207.

**Al-Katib S, Gupta G, Brudvik A, Ries S, \*Krauss J, Farah M.** A practical guide to managing CT findings in the breast. *Clin Imaging*, published online July 24, 2018.

**Chapman J, Bartholomew B, Al-Katib S.** Extrauterine endometrial stromal sarcoma arising in a background of endometriosis following prior total abdominal hysterectomy. *J Endometr Pelvic Pain Disord*, published online July 30, 2018.

**Chapman J, Sutherland E, Palka J.** Hepatobiliary iminodiacetic acid scanning detects previously unknown hepatic metastases from colonic adenocarcinoma. *J Nucl Med Technol*, published online August 3, 2018.

**\*Copelan AZ, Krishnan A, Marin H, Silbergleit R.** Dural arteriovenous fistulas: A characteristic pattern of edema and enhancement of the medulla on MRI. *AJNR Am J Neuroradiol.* 2018 Feb;39(2):238-244.

Gbadamosi B, Ezekwudo D, Bhadresh N, Zhou Y, Gjorgova-Gjeorgjievski S, Ming X, et al, [**Colvin R**]. Effective immunotherapy in bone marrow metastatic melanoma presenting with disseminated intravascular coagulopathy. *Case Reports Immunol.* 2018 Feb 12;2018:4520294.

**\*Kaur H, Muhleman MA, Balon HR.** Hypertrophic osteoarthropathy on bone scintigraphy. *J Nucl Med Technol.* 2018 Jun 46(2):147-148.

**Mettler J, Al-Katib S.** Aggressive renal angiomyolipoma in a patient with tuberous sclerosis resulting in pulmonary tumor embolus and pulmonary infarction. *Urology.* 2018 Sep;119:e1-e2.

Silbergleit AK, Cook D, Kienzle S, Boettcher E, Myers D, Collins D, et al, [**Silbergleit R**]. Impact of formal training on agreement of videofluoroscopic swallowing study interpretation across and within disciplines. *Abdom Radiol (NY).* 2018 Nov; 43(11):2938-2944

**Sutherland EL, Choromanska A, Al-Katib S, Coffey M.** Outcomes of ultrasound guided renal mass biopsies. *J Ultrasound.* 2018 Jun;21(2):99-104

**Sutherland E, Dabajeh M, Zintsmaster S, Kolderman N, Mir S, Rezvani S, et al, [Tran K, Feraco D, Bassett M].** A retrospective evaluation of time to obtain an MRI for English-versus Non-English-speaking patients. *J Am Coll Radiol*, published online July 26, 2018.

**Tominna M, Al-Katib S.** Mass-like ground-glass opacities in sarcoidosis: A rare presentation not previously described. *Case Rep Radiol.* 2018 Aug 14;2018:5686915.

## Diagnostic Radiology and Molecular Imaging

### Abstracts with Associated Research Presentations:

**Alchammas J, Tech K.** Clinical utility of a brain MR after a negative head CT in the emergent setting. American Society of Neuroradiology (ASNR) Annual Meeting, Vancouver, BC, Canada, June 2-7, 2018.

**Bhatt M, Shah A, Noujaim S.** Often forgotten, but not lost art: A pictorial review of dacryocystography and associated nasolacrimal apparatus and lacrimal pathology. American Society of Head and Neck Radiology Annual Meeting, Savannah, GA, September 26-30, 2018.

**Chapman J, Doshi S.** Hospital mergers and acquisitions: A radiology resident's perspective on impact on training. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

**Colvin R, Doshi S, Nail C.** FOOSH injuries of the elbow with an emphasis on posterolateral elbow instability: Multimodality pictorial review of high morbidity injuries for the practicing radiologist and radiologist in training. Society of Skeletal Radiology Annual Meeting, Austin, TX, March 25-28, 2018.

**Colvin R, Feraco D, Grundlehner P, Miller E, Ries S, Gupta G, et al, [Rebner M, McLaughlin C].** Benign core needle breast biopsy, investigating 6, 12, and 24-month follow-up outcomes. Society of Breast Imaging American College of Radiology Breast Imaging Symposium, Las Vegas, NV, April 12-15, 2018.

**Colvin R, Feraco D, Sokhandon F.** Radiation dose variations: A comparison between an academic tertiary care center and community hospitals and freestanding imaging centers. American College of Radiology Annual Meeting, Washington, DC, May 19-23, 2018.

**\*Davis J, Tominna M, \*Goncalves LF, VanHulle R.** Early implementation of a postmortem fetal imaging program: The Beaumont experience. The Society for Pediatric Radiology Annual Meeting, Nashville, TN, May 15-19, 2018.

**\*Esterle J, Marcantonio DR, Nail C.** Calcium hydroxyapatite deposition disease: A multi-modality review for the practicing radiologist and radiologist in training, with emphasis on clinical. Society of Skeletal Radiology Annual Meeting, Austin, TX, March 25-28, 2018.

**\*Friedlander J, Al-Katib S.** CT evaluation of the esophagus. American Roentgen Ray Society Annual Meeting, Washington, DC, April 22-27, 2018.

**\*Kaur H, Muhleman M, Wu D.** Determining factors in outcome of initial I-131 ablation therapy for new patients with well-differentiated thyroid carcinomas. Society of Nuclear Medicine and Molecular Imaging Midwinter Meeting, Orlando, FL, January 25-27, 2018.

**\*Kaur H, Balon H.** Spectrum of congenital hypothyroidism: Key role of nuclear medicine. Society of Nuclear Medicine and Molecular Imaging, Annual Meeting, Philadelphia, PA, June 23-26, 2018.

**\*Kaur H, Muhleman M, Rydberg J.** Pericardial effusion and its appearance on different cardiac imaging studies. Society of Nuclear Medicine and Molecular Imaging Annual Meeting, Philadelphia, PA, June 23-26, 2018.

## Diagnostic Radiology and Molecular Imaging

### Abstracts with Associated Research Presentations: continued

**Kelsch R, \*Kaur H, Balon H.** All that's hot isn't pathologic: A pictorial review of the physiologic distribution of radiopharmaceuticals for the junior resident. Society of Nuclear Medicine and Molecular Imaging, Annual Meeting, Philadelphia, PA, June 23-26, 2018.

Kennady G, McCormick E, **Krishnan A.** San Luis Valley Syndrome in a non-Hispanic patient: A case report with neuroimaging findings. Midwest Society for Pediatric Research, Royal Oak, MI, October 4, 2018.

**Kirsch AK, Kirsch MJ, Dixit P.** Taking back the angiographic advantage when pancreatitis prevails: Endovascular management of vascular complications of pancreatitis. Digestive Disease Intervention, New York City, NY, October 17-20, 2018.

**Kolderman N, Cheti D, Hasbrook C,** Forsyth A, Coffey M, Nair G, et al, [**Al-Katib S**]. CT-guided lung biopsies: 18-gauge vs. 20-gauge needle size on rates of pneumothorax and sample adequacy. American Thoracic Society International Conference, Dallas, TX, May 17-22, 2018.

**Kolderman N, Nandalur K.** MRI of the female urethra: Pearls and pitfalls of interpretation. Society of Abdominal Radiology Annual Scientific Meeting and Educational Course, Scottsdale, AZ, March 4-9, 2018.

**Krishnan A, Tran K, \*Bahoura L.** Spontaneous lateral sphenoid sinus cephalocele presenting after a big sneeze! American Society of Neuroradiology, Vancouver, BC, Canada, June 2-7, 2018.

McCormick E, Kuleka G, **Krishnan A.** Beta-propeller protein-associated neurodegeneration (BPAN): Childhood presentation and imaging. Midwest Society for Pediatric Research, Royal Oak, MI, October 4, 2018.

**Mettler J, Al-Katib S.** Isolated spontaneous visceral artery dissection: Diagnosis and natural history. American Roentgen Ray Society Annual Meeting, Washington DC, April 22-27, 2018.

**Mettler J, Al-Katib S.** Aggressive renal angiomyolipoma in a patient with tuberous sclerosis resulting in pulmonary fat embolus and pulmonary infarction. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

**Moudgil P, \*Warren M, \*Singh K, Ciacci J.** Closure devices: What every interventionist should know. World Conference on Interventional Oncology, Boston, MA, June 7-10, 2018.

Muhleman M, **\*Kaur H,** Patel M, **Rydberg J.** The value of F-18 FDG PET/CT scan in the diagnosis of infection of unknown origin in a patient with aortic valve replacement. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

Nair G, **Al-Katib S,** Myzuik N, Guerrero T, Solis D, Podlosky R, et al. Lung compliance imaging: A novel imaging parameter to evaluate lung stiffness. American Thoracic Society International Conference, Dallas, TX, May 17-22, 2018.

## Diagnostic Radiology and Molecular Imaging

### Abstracts with Associated Research Presentations: continued

Nair G, Myzuik N, Guerrero T, **Al-Katib S**, Turner-Lawrence D, Castillo E. Quantitative lung function imaging for detection of parenchymal lung abnormalities using four-dimensional computed tomography scan. American Thoracic Society International Conference, Dallas, TX, May 17-22, 2018.

\***Owerczuk M, Al-Katib S, Kolderman N, Cheti D, Hasbrook C**. Outcomes after non-diagnostic CT-guided lung biopsies. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

**Pakray A, Kelsch R, Surro A, Walker D, Kirsch A, Rizk M**, et al. Assessing barriers to completion of chest CT lung cancer screening in the outpatient population. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

\***Patel K, Tominna M, Wilseck J**. Unilateral PRES caused by rapid fluctuation of BP secondary to coronary air embolism. American Society of Neuroradiology, Vancouver, BC, Canada, June 2-7, 2018.

\***Patel K, Tominna M, Wang A**. Primary intracranial malignant CNS neoplasms with extracranial osseous metastasis: Two original pathologically proven cases. American Society of Neuroradiology, Vancouver, BC, Canada, June 2-7, 2018.

\***Patel K, Tominna M, Wilseck J**. Multimodality imaging review of vertebral artery abnormalities. American Society of Neuroradiology, Vancouver, BC, Canada, June 2-7, 2018.

Patel RR, **Patel SR**, Bartholomew B. Achondroplasia and Chiari 1 malformation with moderate to severe hydrocephalus. American Association of Physicians with Indian Origin (AAPI) Annual Convention, Greater Columbus, OH, July 4-8, 2018.

Sarode D, Dalal B, Ginoya S, **Tominna M**. Imagination of the images when viruses attack the lungs. Chest Annual Meeting and American College of Chest Physicians, San Antonio, TX, October 6-10, 2018.

**Savin JH, Green A, Rasmussen C, Savin MA**. Impact of healthcare disparities on patients undergoing transarterial radioembolization. Symposium on Clinical Interventional Oncology, Hollywood, FL, February 3-4, 2018.

Shams A, Kanaan C, Gryziweicz R, **Kazmierczak C**, Swor RA. Air versus ground transfer to comprehensive stroke center in patients with large vessel occlusion stroke. National Association of EMS Physicians Annual Meeting, San Diego, CA, January 8, 2018.

\***Singh KT, Savin JH, Savin MA, Wong CO**. Radioembolization for metastatic colon cancer: Survival differences between right and left primary sites. 10<sup>th</sup> Annual Symposium on Clinical Interventional Oncology. Hollywood, FL. February 3-4, 2018. 43<sup>rd</sup> Annual Scientific Meeting, Society of Interventional Radiology, Los Angeles, CA, March 18-21, 2018. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

**Sousaris N, Al-Katib S, Habra G**. CT chest, from the musculoskeletal radiologist's perspective. American Roentgen Ray Society Annual Meeting, Washington, DC, April 22-27, 2018.

## Diagnostic Radiology and Molecular Imaging

### Abstracts with Associated Research Presentations: continued

**Sousaris N, Wilseck J.** "White" epidermoid, rare entity case report. Western Neuroradiological Society 50<sup>th</sup> Annual Meeting, Dana Point, CA, October 11-14, 2018.

**Sousaris N, Wilseck J.** Unilateral posterior reversible encephalopathy syndrome caused by rapid fluctuation of blood pressure secondary to coronary air embolism. Western Neuroradiological Society 50<sup>th</sup> Annual Meeting, Dana Point, CA, October 11-14, 2018.

**Sutherland E, Al-Katib S.** Amyloid-associated cystic lung disease: A radiology case report. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

Tadros R, **Sousaris N, Wilseck J.** When ordering computed tomography perfusion in patients with acute stroke symptoms: Does renal function really matter? Western Neuroradiological Society 50<sup>th</sup> Annual Meeting, Dana Point, CA, October 11-14, 2018.

**Tominna M, Wilseck J.** Nerve roots: Often overlooked. American Society of Spine Radiology, Scottsdale, AZ, February 14-18, 2018.

**Tominna M, Wang A.** Part I: Compressive myelopathy: Neuroimaging and pathologic spectrum. 12<sup>th</sup> Asian Oceanian Congress of Neuroradiology, Taipei, Taiwan, March 19-23, 2018.

**Tominna M, Wang A.** Part II: Non-compressive myelopathy: Neuroimaging and pathologic spectrum. 12<sup>th</sup> Asian Oceanian Congress of Neuroradiology, Taipei, Taiwan, March 19-23, 2018.

**Tominna M, Wang A, Silbergleit R, Krishnan A, Barry K.** Spinal cord tumors and mimics. American Roentgen Ray Society Annual Meeting, Washington, DC, April 22-2, 2018.

**Tominna M, Al-Katib S.** Mass-like ground-glass opacities in sarcoidosis: A rare presentation not previously described. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

**Tominna M, \*Patel K, Krishnan A, Wang A.** Diffuse large b- and t-cell neurolymphomatosis preceding systemic symptoms of lymphoma. American Society of Neuroradiology, Vancouver, BC, Canada, June 2-7, 2018.

**Tran K, Shetty M, Basmaji C, \*Goncalves LF.** Common and uncommon presentations of ectopic pregnancy: A case-based review. American Roentgen Ray Society Annual Meeting, Washington DC, April 22-27, 2018.

**Tran K, Krishnan A, Silbergleit R.** Transverse venous sinus stenosis in the setting of idiopathic intracranial hypertension: Are we under-reporting and can education improve its identification? American Society of Neuroradiology 56<sup>th</sup> Annual Meeting and the Foundation of the American Society of Neuroradiology Symposium, Vancouver BC, Canada, June 2-7, 2018.

**Tran K, Krishnan A, Wang AM, Silbergleit R.** Centrum semiovale diffusion restriction: It's not just methotrexate toxicity. American Society of Neuroradiology Symposium, Vancouver, BC, Canada, June 2-7, 2018.

## **Diagnostic Radiology and Molecular Imaging**

### **Abstracts with Associated Research Presentations: continued**

**Tran K, Shetty, M, Menias C, Jafri, S.** Multi-modality review of upper tract urothelial carcinoma and its mimics. Radiological Society of North America Annual Meeting, Chicago, IL, November 26-28, 2018.

**\*Warren M, \*Singh K, Wiegmann D, Ciacci J.** Inferior vena cava filter tilt when deploying from jugular versus femoral access. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

Wilseck Z, Srinivasan A, **Wilseck J.** The many faces of dural arteriovenous fistulas: Unmasking them one at a time. American Society of Neuroradiology 56<sup>th</sup> Annual Meeting and the Foundation of the ASNR Symposium. Vancouver, BC, Canada, June 2-7, 2018.

Wright J, **Wiater B, Marcantonio DR, \*Esterle J.** Outcomes of uncemented reverse total shoulder arthroplasty as initial treatment for comminuted proximal humerus fractures. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

**Yadavalli S, \*Hierl M, Marcantonio DR.** Muscle edema: Recognizing patterns and associated causes. Society of Skeletal Radiology Annual Meeting, Austin, TX, March 25-28, 2018.

**Yadavalli S, Nail C.** Radiologic evaluation of abnormalities of the sternum and sternoclavicular. Society of Skeletal Radiology Annual Meeting, Austin, TX, March 25-28, 2018.

**Zintsmaster S, Yadavalli S.** Recognizing stress fractures: Location and patterns. American Roentgen Ray Society Annual Meeting, Washington, DC, April 22-27, 2018.

### **Non Peer-Reviewed Publications:**

**Colvin R, Mick J.** Mandibular nonunion with osteomyelitis: Case in point. American College of Radiology, June 4, 2018.

# EMERGENCY MEDICINE

## Peer-Reviewed Articles:

**Bahl A, Bagan M, Joseph S, Brackney A.** Comparison of ultrasound and plain radiography for the detection of long-bone fractures. *J Emerg Trauma Shock.* 2018 Apr-Jun;11(2):115-118.

**Bahl A, Hang B, Brackney A, Joseph S, Karabon P, Mohammad A, et al.** Standard long IV catheters versus extended dwell catheters: A randomized comparison of ultrasound-guided catheter survival. *Am J Emerg Med.* 2018 Jul 19;pii:S0735-6757(18)30590-4.

**Bahl A, Schafer S.** Utility of abdominal computed tomography in geriatric patients on warfarin with a fall from standing. *J Emerg Trauma Shock.* 2018 Apr-Jun;11(2):88-91.

**Bang S, Bahl A.** Impact of early educational intervention on coding for first-year emergency medicine residents. *AEM Educ Train.* 2018 Jul;2(3):213-220.

**Baugh CW, Clark CL, Wilson JW, Stiell IG, Kocheril AG, Luck KK, et al.** Creation and implementation of an outpatient pathway for atrial fibrillation in the emergency department setting: Results of an expert panel. *Acad Emerg Med.* 2018 Sep;25(9):1065-1075.

**Baugh CW, Sun BC, Syncope Risk Stratification Study Group: Clark CL, Bastani A.** Variation in diagnostic testing for older patients with syncope in the emergency department. *Am J Emerg Med.* 2018 Jul 23. pii: S0735-6757(18)30623-5.

**Burla MJ, \*Boura J, Qu L, Ditkoff JS, Berger DA.** An assessment of repeat computed tomography utilization in the emergency department in the setting of blunt trauma. *Emergency Radiology*, published online June 2, 2018.

**Chang AM, Hollander JE, Su E, Weiss RE, Yagapen AN, Malveau SE, et al, [Bastani A, Clark CL].** Recurrent syncope is not an independent risk predictor for future syncopal events or adverse outcomes. *Am J Emerg Med.* 2018 Aug 24. pii:S0735-6757(18)30639-9.

**Chu D, Xiao J, Shah P, Todd B.** How common are cognitive errors in cases presented at emergency medicine resident morbidity and mortality conferences? *Diagnosis (Berl).* 2018 Sep 25;5(3):143-150.

**Coute RA, Shields TA, Cranford JA, Ansari S, Abir M, Tiba MH, et al, [Swor RA].** Intrastate variation in treatment and outcomes of out-of-hospital cardiac arrest. *Prehosp Emerg Care.* 2018 Apr 6:1-10.

**Harrison N, \*Babcock C.** Are alpha-blockers beneficial for outpatient management of uncomplicated ureteric stones? *Ann Emerg Med.* 2018 Jan;71(1):138-140.

**Holden TR, Shah MN, Gibson TA, Weiss, RE, Yagapen AN, Malveau SE, et al, [Clark CL].** Outcomes of patients with syncope and suspected dementia. *Acad Emerg Med*, published online March 25, 2018.

**Huang D, Bastani A, Anderson W, Crabtree J, Kleiman S, Jones S.** Communication and bed reservation: Decreasing the length of stay for emergency department trauma patients. *Am J Emerg Med.* 2018 Oct;36(10):1874-1879.

## Emergency Medicine

### Peer-Reviewed Articles: continued

Johnston SC, Easton JD, Farrant M, Barsan W, Conwit RA, Elm JJ, et al, [**Swor RA, Clark CL**]. Clopidogrel and aspirin in acute ischemic stroke and high-risk TIA. *N Engl J Med*. 2018 Jul 19;379(3):215-225.

Kim SH, Patel N, Thapar K, Pandurangadu AV, **Bahl A**. Isolated proximal greater saphenous vein thrombosis and the risk of propagation to deep vein thrombosis and pulmonary embolism. *Vasc Health Risk Manag*. 2018 14:129-135.

Lin F, **Harrison N**, Mamtani M. Man with finger swelling. *Ann Emerg Med*. 2018 Jul;72(1):103-113.

Madsen TE, McLean S, Zhai W, Linnstaedt S, Kurz MC, **Swor RA**, et al. Gender differences in pain experience and treatment after motor vehicle collisions: A secondary analysis of the CRASH Injury Study. *Clin Ther*. 2018 Feb;40(2):204-213.

**Maloy J, Harrison N, Bahl A**. Acute respiratory distress. *Clin Pract Cases Emerg Med*. 2018 Aug;2(3): 272-273.

Traylor S, **Bastani A**, Butris-Daut N, Christensen M, Marsack P, Rodgers L, et al, [**Todd B**]. Are three ports better than one? An evaluation of flow rates using all ports of a triple lumen central venous catheter in volume resuscitation. *Am J Emerg Med*. 2018 May;36(5):739-740.

White JL, Chang AM, Hollander JE, Su E, Weiss RE, Yagapen AN, et al, [**Clark CL, Bastani A**]. QTc prolongation as a marker of 30-day serious outcomes in older patients with syncope presenting to the Emergency Department. *Am J Emerg Med*. 2018 Jul 11;pii:S0735-6757(18)30579.

**Xiao J, Brackney A**. Bedside ultrasound for pulsatile hand mass. *Emergency Medicine* 2018 Mar;50(3):77-80.

### Abstracts with Associated Research Presentations:

Ahlstrom E, **Adas J**, Keena D. Midodrine toxicity and posterior reversible encephalopathy syndrome: An interesting case. 47<sup>th</sup> Society of Critical Care Medicine (SCCM) Critical Care Congress, San Antonio, TX, February 25-28, 2018.

Amen A, Kanaan C, Karabon P, Bartram C, Irwin K, **Swor RA**. Are there disparities in dispatch CPR instruction receipt and performance. National Association of EMS Physicians Annual Meeting, San Diego, CA, January 8-13, 2018.

**Ayush G, Levasseur K, Menoch M**. Gonzalez I. Screening pediatric patients in new-onset syncope (SPINS) study. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Indianapolis, IN, May 15-18, 2018.

**Bastani A**, Su E, Weiss R, Adler DH, Baugh CW, **Clark CL**, et al. Is there a difference? A multi-center prospective observational study of near syncope vs. syncope. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Indianapolis, IN, May 15-18, 2018.



## Emergency Medicine

### Abstracts with Associated Research Presentations: continued

Baugh CW, Su E, Nicks BA, Shah MN, Adler DH, **Bastani A**, et al, [**CL Clark**]. Utility of diagnostic testing in older patients with syncope in the emergency department. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Indianapolis, IN, May 15-18, 2018.

Baugh CW, **Swor RA**, **Bastani A**. Emergency department observation unit use in patients with cancer: A multi-center study from the Comprehensive ONCOlogic Emergencies Research Network. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Indianapolis, IN, May 15-18, 2018.

**Berger DA**, **\*Bryant N**, Shievitz M, Hamera J. Use of systematic thrombolytics for refractory cardiac arrest due to presumed myocardial infarction. 47<sup>th</sup> Society of Critical Care Medicine (SCCM) Critical Care Congress, San Antonio, TX, February 25-28, 2018.

**Burla M**, Amen A, **Swor RA**. Do we really know who receives bystander CPR prior to EMS arrival? Society for Academic Emergency Medicine (SAEM) Annual Meeting, Indianapolis, IN, May 15-18, 2018.

Campos A, Cash R, Crowe R, Rivard M, Clemency B, **Swor RA**, et al. Training in prehospital death notification linked to improved provider comfort and preparation. National Association of EMS Physicians Annual Meeting, San Diego, CA, January 8-13, 2018.

Caterino J, **Swor RA**, **Bastani A**. Patients with active cancer in the emergency department: A multi-center study from the Concern Network. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Indianapolis, IN, May 15-18, 2018.

Caterino J, **Swor RA**, **Bastani A**. Older adults with active cancer in the emergency department: A multicenter study of the Comprehensive ONCOlogic Emergencies Research Network. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Indianapolis, IN, May 15-18, 2018.

Chang AM, Hollander JE, Su E, Weiss RE, Yagapen AN, Malveau SE, et al, [**Bastani A**, **Clark CL**]. Recurrent syncope is not an independent risk predictor for future syncopal events or adverse outcomes. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Indianapolis, IN, May 15-18, 2018.

Chen B, Kanaan C, Jaisyemi I, **Swor RA**. Describing prehospital care needs of the cancer patient. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Indianapolis, IN, May 15-18, 2018.

**Clark CL**, Gibson TA, Weiss RE, Sun BC. Do high sensitivity troponin and natriuretic peptide predict cardiac outcomes after syncope. American College of Emergency Physicians (ACEP) Research Forum, San Diego, CA, October 1-4, 2018.

Crowe R, Cash R, Rivard M, Campos A, Clemency B, **Swor RA**, et al. Prehospital delivery of death notifications associated with higher rates of occupational burnout among EMS professionals. National Association of EMS Physicians Annual Meeting, San Diego, CA, January 8-13, 2018.

## Emergency Medicine

### Abstracts with Associated Research Presentations: continued

**Eckenswiler T, Gupta A.** Use of point-of-care ultrasound (POCUS) in early diagnosis of cardiomyopathy in a Child with viral myocarditis: A case report. Midwest Society for Pediatric Research (MWSPR) Annual Meeting, Royal Oak, MI, October 4-5, 2018.

Greene R, **Gurkha D**, El-Wiher N, Prabhu A. Respiratory syncytial virus: More than just bronchiolitis. American Academy of Pediatrics Nation Conference and Exhibition, Orlando, FL, November 2-6, 2018.

**Hamera J, \*Xiao J, Berger D.** Case report of operative hysteroscopy intravascular absorption syndrome associated with hyponatremia, cerebral edema, and pulmonary edema. Canadian Critical Care Conference, Whistler, British Columbia, February 6, 2018.

Huang D, **Bastani A**, Crabtree J, **Kleiman S, Jones S.** Communication and bed reservation: Decreasing the length of stay of emergency department trauma patients. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Indianapolis, IN, May 15-18, 2018.

Huang, **Kleimann S**, Wasserman J. Emergency department homeless patient Medicaid status: Differences in demographics, morbidity and care. American College of Emergency Physicians (ACEP) Research Forum, San Diego, CA, October 1-4, 2018.

Huang D, **Kleiman S**, Wasserman J. National trends in geriatric ED visits: Demographics, morbidities and hospital admission factors 2011-15. American College of Emergency Physicians (ACEP) Research Forum, San Diego, CA, October 1-4, 2018.

**Jones G, Akay B, Adams L.** Organoaxial gastric volvulus in a healthy child. Midwest Society for Pediatric Research (MWSPR) Annual Meeting, Royal Oak, MI, October 4-5, 2018.

**Jones G. Menoch M, Levasseur K.** Straight back triage in an emergency department: Does it impact quality metrics? SAEM Annual Meeting, Indianapolis, May 2018

**Kahale K, Ozcan A.** Vesicular rash with fever: Eczema herpeticum. Midwest Society for Pediatric Research (MWSPR) Annual Meeting, Royal Oak, MI, October 4-5, 2018.

Kosher K, **Levasseur K, Dennis B**, Lee B, Nypaver M. Measuring baseline performance and practice variation within a novel, statewide, physician-payer quality network partnership for opportunities to improve emergency care quality and cost effectiveness: Benchmarking the Michigan Emergency Department Improvement Collaborative. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Indianapolis, IN, May 15-18, 2018.

**Mroue K**, Masri A, **Bastani A**, Jones S. When will I feel better: 7 and 30-day follow ups on adult patients presenting with dizziness. American College of Emergency Physicians (ACEP) Research Forum, San Diego, CA, October 1-4, 2018.

Nypaver M, Arora R, **Levasseur K**, Kocher K. Practice variation in emergency department chest x-ray use for children with common respiratory illnesses: Baseline performance from the Michigan Emergency Department Improvement Collaborative: A Clinical Registry of Children's and General Hospitals. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Indianapolis, IN, May 15-18, 2018.

## Emergency Medicine

### Abstracts with Associated Research Presentations: continued

Omar H, Yue R, Amen AA, \***Kowalenko T, Walters BL**. Reassessment of violence against emergency physicians. American College of Emergency Physicians (ACEP) Research Forum, San Diego, CA, October 1-4, 2018.

**Ozcan A, Ahn T, Menoch M**. Imaging for pediatric blunt abdominal trauma: Different prediction rules. Is the outcome the same? American College of Emergency Physicians (ACEP) Research Forum, San Diego, CA, October 1-4, 2018.

**Ozcan A, Levasseur K**. Febrile infants without respiratory symptoms or sick contacts: Do we need chest radiographs or respiratory syncytial virus/influenza testing? Pediatric Academic Societies Meeting, Toronto, Canada, May 5-8, 2018.

Pai E, **Altwaitl M, Gugneja M, Bastani A, Jones S**. Aligning incentives to optimize patient: Effect of a novel locally derived DVT treatment guideline. American College of Emergency Physicians (ACEP) Research Forum, San Diego, CA, October 1-4, 2018.

Probst M, Gibson TA, Weiss RE, Yagapen AN, Malveau SE, Adler DH, et al, [**Bastani A, Clark CL**]. Predictors of clinically significant findings on echocardiography in older adults with syncope. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Indianapolis, IN, May 15-18, 2018.

Sabak M, Al-Hadidi A, \***Kowalenko T**, Batemen A, Oktay MM, Kazaz TG, et al. Workplace violence in emergency departments in Turkey: A national survey. American College of Emergency Physicians (ACEP) Research Forum, San Diego, CA, October 1-4, 2018.

Shams A, Gryziwiecz R, Kazmierczak C, **Swor RA**. Direct transport to comprehensive stroke center may not expedite reperfusion of large vessel occlusion stroke. National Association of EMS Physicians Annual Meeting, San Diego, CA, January 8-13, 2018.

Shams A, Hung J, **Bahl A**. Computed tomography has a role in diagnosing right heart strain in patients with acute pulmonary embolism. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Indianapolis, IN, May 15-18, 2018.

Shams A, Kanaan C, Gryziwiecz R, Kazmierczak C, **Swor RA**. Air versus ground transfer to comprehensive stroke center in patients with large vessel occlusion stroke. National Association of EMS Physicians Annual Meeting, San Diego, CA, January 8-13, 2018.

**Shinthia N, \*Burla M, Berger DA**. Resuscitation resident impact on patients with severe sepsis and septic shock. National Association of EMS Physicians Annual Meeting, San Diego, CA, January 8-13, 2018.

\***Shotkin P, Hang B, Brackney A, Joseph S**, Karabon P, Nnanabu I, et al, [**Bahl A**]. A comparison of ultrasound guided vascular access catheter survival between standard long IV lines and extended dwell catheters. American College of Emergency Physicians (ACEP) Research Forum, San Diego, CA, October 1-4, 2018.

## Emergency Medicine

### Abstracts with Associated Research Presentations: continued

**Sonnemaker S, Porto A.** Altered mental status in a 2-year-old with severe abdominal distention: Tension pneumointestinalis. Midwest Society for Pediatric Research (MWSPR) Annual Meeting, Royal Oak, MI, October 4-5, 2018.

Stropp T, Barbat J, \***Burla M, Berger D, Sawyer K.** Evaluating a novel one-month resuscitation rotation for second year emergency medicine residents. 47<sup>th</sup> Society of Critical Care Medicine (SCCM) Critical Care Congress, San Antonio, TX, February 25-28, 2018.

**Swor RA, Berger D, Otero D,** Reynolds J, Miller J, Welch R. Substantial statewide variation exists in post cardiac arrest angiography. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Indianapolis, IN, May 15-18, 2018.

White JL, Chang AM, Hollander JE, Nishijima D, Su E, Weiss RE, et al, [**Bastani A, Clark CL.**] QTc prolongation is associated with serious outcomes in older adults with syncope. Society for Academic Emergency Medicine (SAEM) Annual Meeting, Indianapolis, IN, May 15-18, 2018.

\***Xiao J, Price JA, Mina N.** Human coronavirus OC43-induced acute respiratory distress syndrome. 47<sup>th</sup> Society of Critical Care Medicine (SCCM) Critical Care Congress, San Antonio, TX, February 25-28, 2018.

### Non Peer-Reviewed Research Publications:

Amen A, \***Xiao J, Parks-Bortel J, Jones S.** An unusual case of hematemesis. JETem 2018 3(4): V32-34 <http://doi.org/10.5072/FK2RB7493D>.

**Harrison N.** Highlights of the American Academy of Neurology Guideline on reducing brain injury with cooling following cardiopulmonary resuscitation. ACEP Now, published online May 2018. <http://www.acepnow.com/article/highlights-of-the-american-academy-of-neurology-guideline-on-reducing-brain-injury-with-cooling-following-cardiopulmonary-resuscitation/>

**Jones G.** A simple guide to sunburn and sunstroke. <https://beaumontparenting.wordpress.com/2018/06/12/a-simple-guide-to-sunburn-and-sunstroke/>

**Maloy J, Harrison N, Bahl A.** Acute respiratory distress. Clin Pract Cases Emerg Med. 2018 Aug; 2(3): 272-273.

**Shams A, Walters B.** Spinal epidural abscess: Unusual presentation caused by unusual organism. Michigan College of Emergency Physician Newsletter, Lansing, MI, 2018.

# FAMILY MEDICINE

## Peer-Reviewed Articles:

Eckleberry-Hunt J, **Lick D, Hunt R**. Is medical education ready for generation Z? J Grad Med Ed. 2018;10(4):378-381.

**Lick D**, Abdel-Aty K, Diaz D, Dulku J, Lochub S, Mir K, et al. Pre-participation sports physicals: A comparison of single provider and station-based models. Clin J Sports Med. 2018;28(6).

**Yedavally-Yellayi K, Ho A, Patalinghug E**. Update on osteoporosis. Prim Care, published online September 24, 2018.

## Invited Research Presentations:

Anderson A, Dearden A, Khoury M, Nyland R, **Kline E**. Factors affecting readmission rates of patients hospitalized due to acute COPD exacerbations. Embark Capstone Colloquium, Pontiac, MI, March 15, 2018.

Braekevelt K, Fett J, Vendittelli B, Priziola J, **Kline E**. Creation, implementation, and evaluation of pharmacist-led Medicare Part D open enrollment events. 53<sup>rd</sup> ASHP Midyear Clinical Meeting and Exhibition, Anaheim, CA, December 2-5, 2018.

Biggs W, Graham T, Greisbach S, **Lick D**, Maier R, Sokol R, et al. Walters E. Faculty for tomorrow. Pre-conference workshop for residents. 51<sup>st</sup> Annual Conference of the Society of Teachers of Family Medicine, Washington, DC, May 5-9, 2018.

Clark SM, Cano A, **Lackman-Zeman L**. Acceptability and feasibility of a multicomponent group intervention for health behavior change: The kickstart health program. Wayne State University Graduate and Postdoctoral Research Symposium, Detroit, MI, March 6, 2018. Michigan Family Medicine Research Day, Howell, MI, May 24, 2018.

Dearden A, Anderson A, Khoury M, Nyland R, **Kline E**. All about time: How consult services and day of week impact length of stay for COPD patients. Embark Capstone Colloquium, Auburn Hills Marriott Hotel, Pontiac, MI, March 15, 2018.

Graham, T, Biggs, W, **Lick, D**, Maier, R. Navigating the accreditation landscape: Optimizing the STFM residency accreditation toolkit. American Academy of Family Physicians Program Directors Workshop, Kansas City, MO, March 23-25, 2018.

Graham T, Biggs W, Griesbach S, **Lick D**, Maier R. STFM residency accreditation toolkit support lab. 51<sup>st</sup> Annual Conference of the Society of Teachers of Family Medicine, Washington, DC, May 5-9, 2018.

**Gruber A**. Self-guided joint injection workshop. Beaumont Primary Care Symposium, Troy, MI, April 21, 2018.

**Gruber A**. Clinical application of the still technique. NMM/OMM Education Conference, Michigan State University College of Osteopathic Medicine, East Lansing, MI, June 1, 2018.

## Family Medicine

### Invited Research Presentations: continued

**Gruber A.** Osteopathic manipulative medicine: Lower back pain. Family Medicine Education Conference, Lansing, MI, June 29, 2018.

**Gruber A, Yedavally-Yellayi S.** Maintaining osteopathic teaching in light of unified accreditation. Society of Teachers of Family Medicine Annual Spring Conference, Washington, DC, May 5-9, 2018.

Hillenberg JB, Slavin-Spenney O, Black M, **Mulhem E.** A group-based acceptance and commitment therapy intervention for chronic pain in a family medicine center. Midwest Pain Society 42<sup>nd</sup> Scientific Meeting, Chicago, IL, November 9-10, 2018. **Awarded: 1<sup>st</sup> Place.**

Hilton H, **Wilson S.** Nutrition knowledge of family medicine physicians: Effect of a resident-driven lecture series. 41<sup>st</sup> Annual Michigan Family Medicine Research Day, Howell, MI, May 24, 2018.

**Hunt R, Van Dyke A, Lackman-Zeman L, Kline E.** Integrating the languages of the inter-professional team for optimal patient care. 39<sup>th</sup> Forum for Behavioral Science in Family Medicine, Chicago, IL, October 10-13, 2018.

**Kline E.** Building blocks for establishing new ambulatory care pharmacy services. 53<sup>rd</sup> ASHP Midyear Clinical Meeting & Exhibition, Anaheim, CA, December 2-6, 2018.

**Kowalkowski JD.** Adverse childhood experiences. Community Health Alliance of Grosse Pointe and Harbor Woods, Grosse Pointe, MI, February 21, 2018.

**Kowalkowski JD,** Engels, S. Acceptance and commitment therapy in primary care: Practical applications and incorporation into family medicine residency training curricula. The Annual Meeting of the Behavior Analysis Association of Michigan, Ypsilanti, MI, February 16, 2018.

**Kowalkowski JD,** McClowry RJ, Thompson L, Pierret A, Jafry S, Bognanno E. Proposal for the implementation of an integrative medicine-based resident wellness curriculum in a community-focused family medicine residency. Michigan Family Medicine Research Day, Howell, MI, May 24, 2018.

**Lackman-Zeman L.** Psychosocial factors at play when addressing SDOH. Oakland University Healthology Symposium, Auburn Hills, MI, April 17-18, 2018.

**Lackman-Zeman L.** The value of care teams in a physician's practice. Michigan Osteopathic Association 119<sup>th</sup> Annual Spring Scientific Convention, Southfield, MI, May 17-20, 2018.

**Lick D.** Length of stay and hospital readmission rates for heart failure among patients of Middle Eastern origin compared to non-Middle Eastern whites in Southeast Michigan. Harvard Epidemiology Symposium, Boston, MA, May 22, 2018.

**Lick D,** Biggs W, Chen I, Maier R, Potts S. From residency to faculty: Explore the options for your future! National Conference of Family Medicine Residents and Students, Kansas City, MO, August 2-4, 2018.

## Family Medicine

### Invited Research Presentations: continued

**Lick D**, Biggs W, Graham T, Hirschier B. Foundational faculty training: Using the STFM Residency Faculty Fundamentals Certificate Program. American Academy of Family Physicians Program Directors Workshop, Kansas City, MO, March 23-25, 2018.

**Lick D**, Rosbolt J, Gruber A. Common joint injections in the ambulatory setting. Practical Update in Primary Care Medicine, Troy, MI, April 21, 2018.

**Mulhem E**, Hillenberg JB. The effects of Michigan new opioid laws on physician's opioid prescribing pattern in a large hospital network. Midwest Pain Society 42<sup>nd</sup> Scientific Meeting, Chicago, IL, November 9-10, 2018. **Awarded: 3<sup>rd</sup> Place Winner.**

**Van Dyke A**. Restorative sleep. World of Wellness Alternative and Natural Therapies for Pain Management Seminar. Oakland Community Health Network, Royal Oak, MI, February 3, 2018.

Vendittelli B, Priziola J, **Kline E**. Evaluation of medication management potential of pharmacists through Medicare annual wellness visits. 53<sup>rd</sup> ASHP Midyear Clinical Meeting and Exhibition, Anaheim, CA, December 2-5, 2018.

Walters E, Biggs W, Chen I, Graham T, Griesbach S, **Lick D**, et al. Foundational faculty training: Using the STFM Residency Faculty Fundamentals Certificate Program. 51<sup>st</sup> Annual Conference of the Society of Teachers of Family Medicine, Washington, DC, May 5-9, 2018.

Vogel M, **Van Dyke A**, Leonard M. Training the next generation of health psychologists. 1<sup>st</sup> Annual Michigan Health Psychology Symposium, Henry Ford Hospital, Livonia, MI; November 16, 2018.

**Yedavally-Yellayi S**, et al. Teaching in the clinical setting: Self-directed learning, inter-professional education, and longitudinal integrated clerkships. Society of Teachers of Family Medicine (STFM) Medical Education Conference, Jacksonville, FL, January 31-February 3, 2018.

### Non Peer-Reviewed Publications:

**Kowalkowski JD**. How adverse childhood experiences can affect one's health. Grosse Pointe News. Retrieved from <https://www.grossepointenews.com>, March 2018.

**Kowalkowski JD**. Year-long faculty scholars program in integrative healthcare (~69 CME credits); September 2017-May 2018.

**Mulhem E**. What are the effects of using fractional exhaled nitric oxide (FeNO) levels to guide treatment for adults with asthma? Cochrane Clinical Answers, 2018.

**Mulhem E**. For people with acute or chronic disease, how does prescribing by nurses and pharmacists rather than by clinicians affect outcomes? Cochrane Clinical Answers, 2018.

## Family Medicine

### Non Peer-Reviewed Publications: continued

**Mulhem E.** Can interventions aimed at delivery of efficient and effective care and support of self-management improve hearing aid use? Cochrane Clinical Answers, 2018.

**Mulhem E.** For people with respiratory infection, how do delayed compare with immediate or no antibiotic prescriptions? Cochrane Clinical Answers, 2018.

**Mulhem E.** What are the benefits and harms of “hospital at home” services for adults requiring acute care? Cochrane Clinical Answers, 2018.

**Mulhem E.** In healthy children, what are the benefits and harms of vaccines for preventing influenza? Cochrane Clinical Answers, 2018.

**Mulhem E.** What are the benefits and harms of hearing aids for adults with mild to moderate hearing loss? Cochrane Clinical Answers, 2018.

**Mulhem E.** In infants and children, do influenza vaccines help to prevent acute otitis media? Cochrane Clinical Answers, 2018.

**Mulhem E.** For people with asthma, how does shared decision-making affect outcomes? Cochrane Clinical Answers, 2018.

**Mulhem E.** In healthy adults, what are the benefits and harms of vaccines for preventing influenza? Cochrane Clinical Answers, 2018.

**Mulhem E.** How do intramuscular and oral corticosteroids compare for improving outcomes in people with acute asthma following discharge from the emergency department? Cochrane Clinical Answers, 2018.

**Shammami A.** Overall health care and navigating the medical system when language is a barrier. John Oram Radio Show, July 2018.



# **SUBSPECIALTY DIVISIONS OF INTERNAL MEDICINE**

**ALLERGY and IMMUNOLOGY**

**GASTROENTEROLOGY and HEPATOLOGY**

**GENERAL INTERNAL MEDICINE**

**GERIATRICS**

**HEMATOLOGY / ONCOLOGY**

**INFECTIOUS DISEASES**

**NEPHROLOGY**

**NEUROLOGY**

**NUTRITION and PREVENTIVE MEDICINE**

**PUMONARY and CRITICAL CARE MEDICINE**

# ALLERGY and IMMUNOLOGY

## Peer-Reviewed Articles:

**Lauter CB, Koppisetty S.** Recurrent idiopathic anaphylaxis in a woman after suspected food poisoning. *Infectious Dis Clin Prac.* 2018 May;26(3):138-140.

## Abstracts with Associated Research Presentations:

Bebekoski TM, **Lauter CB**, Sims M. Correlation of antibiotic allergy frequency and problematic diagnosis. World Allergy Organization American Academy of Allergy, Asthma and Immunology (AAAAI), San Francisco, CA, March 2-5, 2018.

**Lauter CB, Nyalakonda R**, Fink-Bennett D. Recurrent pneumococcal meningitis in adults. Infectious Diseases Society of America (IDSA) ID Week, San Francisco, CA, October 3-7, 2018.

Lynch SD, **Lauter CB, Aneese A.** A heart gone bananas: Allergy-induced coronary vasospasm due to banana (Kounis Syndrome). World Allergy Organization American Academy of Allergy, Asthma and Immunology (AAAAI), San Francisco, CA, March 2-5, 2018.

# GASTROENTEROLOGY and HEPATOLOGY

## Peer-Reviewed Articles:

Aneese AM, **Ghaith G**, **Cannon ME**, \*Manuballa V, **Cappell MS**. EUS-guided methylene blue duct injection to facilitate cannulation of an obscured pancreatic duct orifice after ampullectomy. *Am J Gastroenterol*. 2018 May;113(5):782-783.

Aneese AM, \*Yang SK, **Cappell MS**. Case report of successful medical management of progressive gastric band penetration-to-perforation after band insertion at bariatric surgery: Documentation by 12 serial EGDs during 50 months of observation. *Dig Dis Sci*. 2018 Jan;63(1):257-263.

**Cappell MS**, Edhi A, Amin M. Case report of primary intestinal lymphangiectasia diagnosed in an octogenarian by ileal intubation and by push enteroscopy after missed diagnosis by standard colonoscopy and EGD. *Medicine (Baltimore)*. 2018 Jan; 97(3):e9649.

**Cappell MS**, Hader I, Amin M. Acute liver failure secondary to severe systemic disease from fatal hemophagocytic lymphohistiocytosis: Case report and systematic literature review. *World J Hepatol*. 2018 Sep 27;10(9):629-636.

**Cappell MS**, Stavropoulos SN, Friedel D. Systematic review of safety and efficacy of therapeutic endoscopic-retrograde-cholangiopancreatography during pregnancy including studies of radiation-free therapeutic endoscopic-retrograde-cholangiopancreatography. *World J Gastrointest Endosc*. 2018 Oct 16;10(10):308-321.

Edhi AI, **Cappell MS**, **Sharma N**, Amin M, **Patel A**. One oral dose of sodium polystyrene sulfonate associated with ischemic colitis and crystal deposition in colonic mucosa. *ACG Case Rep J*. 2018 Oct 17;5:e74.

**Gjeorgjievski M**, **Orosey M**, **Cappell MS**. Hepatitis C virus-related cryoglobulinemic vasculitis. *Clin Gastroenterol Hepatol*. 2018 Aug;16(8):e81.

**Gjeorgjievski M**, **Reddy N**, **Stecevic V**, **Cappell MS**. Abdominal abscess related to endoscopically placed AspireAssist device. *ACG Case Rep J*. 2018 Feb 14;5:e12.

\*Hakim S, Davila F, Amin M, Hader I, **Cappell MS**. Infectious aortitis: A life-threatening endovascular complication of nontyphoidal *Salmonella* bacteremia. *Case Rep Med*. 2018 Apr 1;6845617.

\*Hakim S, \*Ramireddy S, Amin M, Gebara S, **Cappell MS**. Preoperative misdiagnosis of classical intestinal Behçet's syndrome as Crohn's disease based on superficial colonoscopic biopsies to detect deep-seated pathologic findings of Behçet's syndrome: Case report and systematic review. *Dig Dis Sci*, published online August 28, 2018.

**Orosey M**, Amin M, **Cappell MS**. A 14-year study of 398 esophageal adenocarcinomas diagnosed among 156,258 EGDs performed at two large hospitals: An inlet patch is proposed as a statistically significant risk factor for proximal esophageal adenocarcinoma. *Dig Dis Sci*. 2018 Feb;63(2):452-465.

## Gastroenterology and Hepatology

### Peer-Reviewed Articles: continued

Shams, C, \*Hakim S, Amin M, **Cappell MS**. Case report and literature review illustrating the clinical, endoscopic, radiologic, and histopathologic findings with prepouch ileitis after IPAA and restorative proctocolectomy for refractory ulcerative colitis. Case Rep Gastrointest Med. 2018 Jul 30;7506069.

### Book Chapters or Full Book Publications:

**Cappell MS**, Lebowhl O. Hereditary hemorrhagic telangiectasia. In: Lebowhl MG, Heymann WR, Berth-Jones J, Coulson I, editors. Treatment of skin disease: Comprehensive therapeutic strategies. 5th ed. Philadelphia: Elsevier Limited; 2018. p. 329-332.

### Abstracts with Associated Research Presentations:

Aneese AM, \*Hakim S, Edhi A, **Cannon ME, Cappell MS**. Morbidity and mortality of ERCP performed over the weekend versus weekday. Digestive Disease Week of the American Gastroenterology Association, Washington, DC, June 2-5, 2018.

Aneese AM, \*Hakim S, Edhi A, **Cannon ME, Cappell MS**. Similar morbidity and mortality for ERCPs performed over the weekend versus postponing to next available weekday. American College of Gastroenterology Annual Meeting, Philadelphia, PA, October 5-10, 2018. Presented as poster October 8, 2018.

Edhi AI, \*Hakim S, Shams C, Amin M, **Cappell MS**. Clarithromycin induced acute liver failure (ALF). American College of Gastroenterology annual meeting, Philadelphia, PA, October 5-10, 2018. Presented as poster October 8, 2018.

**Gjeorgjievski M, Batke M**, Amin M, **Cappell MS**. Symptomatic lanthanum deposition in the gastrointestinal tract. American College of Gastroenterology Annual Meeting, Philadelphia, PA, October 5-10, 2018.

**Gjeorgjievski M**, Edhi AI, **Cutler A, Cappell MS**. Extrahepatic pancreatobiliary obstruction causing recurrent symptoms: Just another diverticulum? American College of Gastroenterology annual meeting, Philadelphia, PA, October 5-10, 2018.

\*Hakim S, Aneese AM, Edhi A, Shams C, **Cannon ME, Cappell MS**. Reduction in length of stay, hospital costs and hospital charges for all-cause ERCPs performed over the weekend over ERCPs that were postponed to the first available weekday. Digestive Disease Week of the American Gastroenterology Association, Washington, DC, June 2-5, 2018.

Odish, F, Edhi AI, Imam Z, Khasawneh M, Amin M, **Cappell MS**. Metastatic urothelial carcinoma to the duodenum, a rare cause of small bowel obstruction. American College of Gastroenterology Annual Meeting, Philadelphia, PA, October 5-10, 2018.

# GENERAL INTERNAL MEDICINE

## Peer-Reviewed Articles:

**Adhikari A, Hafeez A, Halalau A.** Cardiac dedifferentiated liposarcoma requiring a mitral valve replacement complicated by severe paravalvular leak: A rare case report with literature review. *Case Rep Cardiol*, published online September 4, 2018.

**Aneese A,** Ghaith, G Cannon M, Manuballa V, Cappell M. EUS-guided methylene blue injection to facilitate endoscopic cannulation of an obscured pancreatic duct orifice after ampullectomy. *Am J Gastroenterol*. 2018 May;113(5):782-283.

**Aneese A,** Yang S, Cappell M. Case report of successful medical management of progressive gastric band penetration-to-perforation after band insertion of bariatric surgery: Documentation by 12 serial EGD's during 50 months of observation. *Dig Dis Sci*. 2018 Jan;63(1):257-263.

Aneese N, **Halalau A,** Muench S, \***Shelden D,** Fett J, Lauster C. Impact of a pharmacist-managed diabetes clinic on quality measures. *The American Journal of Managed Care*, published online March 24, 2018.

Aultman W, Fett J, Lauster C, Muench S, **Halalau A.** Urine drug testing interpretation: An educational program's impact on resident knowledge and comfort level. *MedEdPortal*, published online Feb 15, 2018.

**Bastola S, Halalau A, KC O, Adhikari A.** A gigantic anal mass: Buschke-Lowenstein tumor in a patient with controlled HIV infection with fatal outcome. *Case Rep Infect Dis*, published online Apr 1, 2018.

**Farshad S, Imam Z,** Tobi M. Letter: Unlikely liver bedfellows-alpha-1 antitrypsin deficiency and granulomatosis with polyangiitis. *Aliment Pharmacol Ther*. 2018 Jul;48(2):232-233.

**Farshad S, \*Keeney S, Halalau A,** Ghaith G. A case of gastric metastatic melanoma 15 years after the initial diagnosis of cutaneous melanoma. *Case Rep Gastrointest Med*, published online July 29, 2018.

**Figueroa Rodriguez F, \*Kwon M,** Jinna S, **Farshad S, Davila F.** Rheumatoid Meningoencephalitis: A feared condition in the era of TNF blockers. *Case Rep Rheumatol*, published online December 16, 2018.

\***Fisher A, Halalau A.** A case report and literature review of *clostridium difficile* negative antibiotic associated hemorrhagic colitis caused by *klebsiella oxytoca*. *Case Reports in gastrointestinal medicine*. *Case Rep Gastrointest Med*, published online September 24, 2018.

\***Fisher A, \*Khanal P,** Orosey M, Hader I, \***Yadav S, Halalau A.** A retrospective study analyzing the appropriateness of initial treatment of *clostridium difficile* in patients with active malignancy. *Gastroenterology Res and Pract*, published online May 27, 2018.

**Hafeez A, Karmo D, \*Mercado-Alamo A, Halalau A.** Aortic dissection presenting as acute pancreatitis: Suspecting the unexpected. *Case Rep Cardiol*, published online January 30, 2018.

## General Internal Medicine

### Peer-Reviewed Articles: continued

**\*Hakim S, Davila F,** Amin M, Hader I, Cappell M. Infectious Aortitis: A life threatening endovascular complication of nontyphoidal salmonella bacteremia. Case Rep Med, published online April 1, 2018.

**Halalau A, Aneese A, Nasr J.** The assessment of an evidence based medicine curriculum integration into an Internal Medicine residency program. J Gen Int Med, published online March 2018.

**Halalau A, \*Shelden D, \*Keeney S, Hehar J.** Pharm-MD: An open label, randomized controlled, phase II study to evaluate the efficacy of a pharmacist-managed diabetes clinic in high-risk diabetes patients: Study protocol for a randomized controlled trial. Trials. 2018 Aug 24;19(1):458.

**Karmo D, Hafeez A, \*Yadav S.** Cardiac tamponade as the initial presentation of acute myeloid leukemia: A case report with review of literature. Case Rep Oncol Med, published online March 26, 2018.

**Marijanovich N, Halalau A.** Hemorrhagic tamponade as initial manifestation of systemic lupus with subsequent refractory and progressive lupus myocarditis resulting in cardiomyopathy and mitral regurgitation. Case Reports in Rheumatology, published online January 21, 2018.

**Mando R,** Barbat JJ, Vivacqua A. The mysterious mitral mass: A case of the valvular myxoma. Case Rep Cardiol, published online July 19, 2018.

**Mando R,** Muallem E, Meka SG, **Berghea R.** A blind spot in the diagnostic field: The challenging diagnosis of tumefactive multiple sclerosis. Case Rep Neurol Med published online June 27, 2018.

**Nasr J, \*Falatko J, Halalau A.** The impact of critical appraisal workshops on residents' evidence based medicine skills and knowledge. Adv Med Educa Pract. 2018 Apr 18;9:267-272.

**\*Orosey M,** Amin M, Cappell M. A 14-year study of 398 esophageal adenocarcinomas diagnosed among 156,256 EGDs performed at two large hospitals: An inlet patch is proposed as a significant risk factor for proximal esophageal adenocarcinoma. Dig Dis Sci. 2018 Feb; 63(2):452-465.

**Quiroz E,** Aldoss I, Pullarkat V, Rego E, Marcucci G, Douer D. The emerging story of acute lymphoblastic leukemia among the Latin American population: Biological and clinical implications. Blood Rev, published online August 14, 2018.

**Quiroz E, Hafeez A, Mando R,** Yu Z, Momin F. A malignant squeeze: A rare cause of cardiac tamponade. Case Rep Oncol Med, published online September 23, 2018.

**Said A, Halalau A.** The curse of relieving pain. BMJ Case Rep, published online January 24, 2018.

**Shams C,** Cannon M, Bortman J, **\*Hakim S.** Stone-induced purulent choledocoduodenal fistula presenting with ascending cholangitis. ACG Case Rep J, published online August 29, 2018.

## General Internal Medicine

### Peer-Reviewed Articles: continued

**Shams C, Dalal B.** Cannabis-induced hemoptysis: A rare complication of a commonly used illicit substance. *Chest*. 2018 Oct;154(4):800A.

**Shams C, \*Hakim S,** Amin M, Cappell M. Case report and literature review illustrating the clinical, endoscopic, radiologic and histopathologic findings with prepouch ileitis after IPAA and restorative proctocolectomy for refractory ulcerative colitis. *Case Rep Gastrointest Med*, published online July 30, 2018.

**Sutherland EL, Dabajeh MM, Zintsmaster S, Feraco DK, Bassett MJ, Davila FR,** et al. A retrospective evaluation of time to obtain an MRI for English-versus non-English-speaking patients. *J Am Coll Rad*, published online July 26, 2018.

**Willner C,** Chisti M. Treatment of bleeding diathesis associated with a heparin-like anticoagulant in plasma cell neoplasia using protamine. *Case Rep Hematol*, published online June 13, 2018.

### Abstracts with Associated Research Presentations:

**Adhikari A, Khanal D, Thapa S.** Catastrophic antiphospholipid syndrome complicated by intracranial hemorrhage. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018. **Awarded: 1<sup>st</sup> Place Winner Poster Clinical Vignette.**

**Allen O, Edhi A, Hafeez A, Halalau A.** A very rare complication of hepatitis A infection: Acute myocarditis: A case report with literature review. *Case Rep Med*. 2018 Sep 13;2018:3625139. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

**Aneese A, \*Hakim S, Edhi A,** Cannon M, Cappell M. Similar morbidity and mortality for ERCPs performed over the weekend versus postponing to next available weekday. American College of Gastroenterology, Philadelphia, PA, October 5-10, 2018.

**Aneese A, Nasr J, Halalau A.** The integration of an evidence-based medicine curriculum into an internal medicine residency program: A prospective mixed methods evaluation. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

**Arora A,** Pevzner M, Siddique H, Nair GB. Not so cryptic! An unusual case of cryptogenic organizing pneumonia diagnosed as primary biliary cholangitis. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

**Bastola S, KC O, Hafeez A,** Bateman J. Lymphomatoid granulomatosis: A rare differential diagnosis of granulomatosis with polyangiitis. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

## General Internal Medicine

### Abstracts with Associated Research Presentations: continued

**Bastola S, \*Lynch S, Siddiqi M.** Henoch-Schönlein purpura in an adult: A rare cause of end stage renal disease. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 4, 2018.

**Bushman J, Edupuganti S, \*Maditz R, Halalau A.** A quality improvement project to increase compliance with diabetes measures in an academic outpatient setting. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

**Cheah C, \*Jayaschandran V, Halalau A.** Asthma control and education (ACE): Use of an electronic teaching tool to improve resident skills, knowledge and self-efficacy for teaching of inhaled therapies. William M. Davidson Medical Education Week, Royal Oak, MI, May 14-18, 2018. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

**Edhi A.** A very rare complication of Hepatitis A infection: Acute myocarditis. American College of Gastroenterology 2018, Philadelphia, PA, October 5-10, 2018.

**Edhi A, Desai T, Rubenstein J.** Association of helicobacter pylori infection and esophageal adenocarcinoma: A meta-analysis. American College of Gastroenterology 2018, Philadelphia, PA, October 5-10, 2018.

**Edhi A, Gjeorgjievski M, Cutler A.** Extrahepatic pancreatobiliary obstruction causing recurrent symptoms: Just another diverticulum? American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

**Edhi A, \*Hakim S, Shams C, Amin M, Cappell M.** Clarithromycin induced acute liver failure (ALF). American College of Gastroenterology 2018, Philadelphia, PA, October 5-10, 2018.

**Farshad S, Gehad G, Halalau A.** Metastatic melanoma to the stomach 15 years later. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 4, 2018.

**Figueroa Rodriguez F, Dogra S, Silverman J, Nair G.** An unusual case of mycobacterium porcium related septic shock in a peritoneal dialysis patient. American Thoracic Society Annual Meeting, San Diego, CA, May 19, 2018.

**Figueroa Rodriguez F, Liroff K, Kelekar A.** Cesium chloride: Prolonging QT, not life expectancy. Society of General Internal Medicine (SGIM) Annual National Meeting, Denver, CO, April 18, 2018.

**Figueroa Rodriguez F, Quiroz E, Keena D.** 18-centimeter pulmonary metastatic uterine leiomyosarcoma. Is that even possible? American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 4, 2018.

**Figueroa Rodriguez F, Schloop M, Iftikhar H, Nair G.** Massive stroke on anticoagulation: A case of non-bacterial thrombotic endocarditis in a patient with lung adenocarcinoma. American College of Chest Physicians (Chest) Annual Meeting, San Antonio, TX, October 9, 2018.



## General Internal Medicine

### Abstracts with Associated Research Presentations: continued

**Figuroa Rodriguez F, Uddin A, Nasr J.** Asymptomatic pulmonary melanoma. An incidental finding while evaluating new onset cough. Society of General Internal Medicine (SGIM) Regional Midwest Annual Meeting, Chicago, IL, September 14, 2018.

\***Fisher A.** A retrospective study analyzing the appropriateness of initial treatment of *clostridium difficile* in patients with active malignancy. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

**Halalau A, Aneese A, Nasr J.** The assessment of an evidence-based medicine curriculum integration into an internal medicine residency program. National Society of General Internal Medicine, Denver, Colorado, April 11, 2018.

**Hanna L.** Hemophagocytic lymphohistiocytosis (HLH), a rare yet potentially fatal disorder in adults. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

**Hartkop S, Halalau A.** The impact of a 30-day digital personalized recovery support intervention (workit) on patients indicating substance abuse. Oral presentation at American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 4, 2018. **Awarded: 1<sup>st</sup> Place Winner Oral Research.** 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

**Hehar J, Gordon B, Sakharova A, Thalla R, Marin M.** Double the trouble: Dual paraneoplastic syndromes in a patient with small cell lung carcinoma. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018. **Awarded: 3<sup>rd</sup> Place Winner Poster Clinical Vignette.**

**Iftikhar H, Hehar J, Imam Z, Nair G.** Multiple calcified pulmonary nodules: It need not be what the eye doesn't see. American College of Chest Physicians (Chest) Annual Meeting, San Antonio, TX, October 6-10, 2018.

**Iftikhar H, Nair G.** It's nuts! A poorly differentiated cancer due to chromosomal translocation. American College of Chest Physicians (Chest) Annual Meeting, San Antonio, TX, October 6-10, 2018.

**Iftikhar H, Zhang C, Nair GB.** Role of respiratory pathogens in disease outcomes in hospitalized patients' interstitial lung disease. American College of Chest Physicians (Chest) Annual Meeting, San Antonio, TX, October 6-10, 2018. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

**Imam Z, Abdelrahman A, Odish F, Khasawneh M, Hader I.** Escitalopram induced pancreatitis: An unusual culprit. American College of Gastroenterology Annual Meeting, Philadelphia, PA, October 5-10, 2018.

\***Jayaschandran V.** Asthma control and education (ACE): Use of an electronic teaching tool to improve skills, knowledge and self-efficacy for teaching of inhaled therapies. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

## General Internal Medicine

### Abstracts with Associated Research Presentations: continued

**Karmo D, Odish F, Shoichet S.** Sjogren's syndrome presenting as type 1 RTA. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

**KC O, Khanal D, Bastola S, Adhikari A,** Pokharel A, Nito Y. *Chlamydia psittaci* pneumonia with no known avian contact: A rare presentation. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 4, 2018.

**KC O, Khanal D, Bastola S, Adhikari A,** Pokharel A, Nito Y. Delayed development of complex regional pain syndrome following a non-hemiplegic stroke. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

**Khaled Z,** Sabah, Toma B, Christensen P, Nair GB. The lung gut axis: A rare case of inflammatory granulomatous bronchiolitis in Crohn's disease. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 4, 2018.

**Khasawneh M.** An unforeseen complication: A case of methicillin-resistant *staphylococcus aureus* endogenous endophthalmitis. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

**Khasawneh M, Imam Z, Odish F,** Alsibae M. Cefprozil as a cause of drug-induced liver injury leading to acute-on-chronic liver failure. American College of Gastroenterology Annual Meeting, Philadelphia, PA, October 5-10, 2018.

**Lai B, \*Ladkany R.** Rare metastases in the most common female cancer. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

**\*Ladkany R, \*Yadav S, Halalau A,** Zakalik D. Teaching breast cancer risk assessment to internal medicine residents: The impact of an educational program on improving knowledge and practice. William M. Davidson Medical Education Week, Royal Oak, MI, May 14-18, 2018.

**Levitin M, Berghea R.** The red herring: Benign biopsy delays diagnosis of a rare malignancy. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 4, 2018.

**Liroff K, Halalau A.** The impact of anxiety and depression on frequency to follow up. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 4, 2018. **Awarded 2<sup>nd</sup> Place Winner Oral Research.**

**Mando R,** Bloomingdale R, Ezekwudo D. Cardiotoxicity in a patient treated for osteosarcoma: The result of high dose methotrexate, low doses of doxorubicin or both? American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018. **Awarded 2<sup>nd</sup> Place Winner Oral Clinical Vignette.**

**Mando R,** Muallem E, **\*Meka SG.** A blind spot in the diagnostic field. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 4, 2018.

## General Internal Medicine

### Abstracts with Associated Research Presentations: continued

**Maraskine M**, Zarouk S, Timmis S. A rare cause of non-ischemic cardiomyopathy: Isolated cardiac sarcoidosis. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 4, 2018. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

Mauad V, Gomez O, **Halalau A**. The impact of rehabilitation: Oriented virtual reality device on patients with subacute stroke: a phase III, multicenter, single-blinded, randomized controlled clinical trial. Principles and Practice of Clinical Research: 5-day immersion course. Harvard TH Chan Public School of Health, Praia do Forte, Brazil Praia do Forte, Brazil, November 2018.

**Odish F, Edhi A**, Cappell M. Clarithromycin induced acute liver injury (ALI). American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

**Odish F, Edhi A, Imam Z, Khasawneh M**, Amin M, Cappell M. Metastatic urothelial carcinoma to the duodenum, a rare cause of small bowel obstruction. American College of Gastroenterology Annual Meeting, Philadelphia, PA, October 5-10, 2018.

**Odish F, Imam Z, Khasawneh M, Karmo D, Aneese A**. Vibrio vulnificus: A preventable cause of septicemia in patients with liver disease. American College of Gastroenterology Annual Meeting, Philadelphia, PA, October 5-10, 2018.

**Odish F, Karmo D, Mando R**. How manic is MANEC? A case of MANEC in the cecum. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 4, 2018.

**Pang Y**, Gaikazian S, Gbadamosi B. Utility of bone marrow biopsy in pre-liver transplant evaluation of cytopenia. American Association for the Study of Liver Diseases, San Francisco, CA, November 9-13, 2018.

**Quiroz E**. Immunophenotype of acute lymphocytic leukemia in the Latin American population. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

**Quiroz E, Hafeez A**, Yu Z. Primary cardiac lymphoma. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 4, 2018. **Awarded: 3<sup>rd</sup> Place Winner Oral Clinical Vignette.** American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018. **Awarded: 3<sup>rd</sup> Place Winner Oral Clinical Vignette.**

**Quiroz E**, Nelson R, Aldoss I, Pullarkat V, Rego E, Marcucci G, et al. The Brazilian model: Acute lymphocytic leukemia in the Latin American population. Brazilian Congress of Hematology, Hemotherapy and Cell Therapy (HEMO), Sao Paulo, Brazil, October 31-November 3, 2018.

**Said A**, Fuller R. Bevacizumab-induced PRES. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 4, 2018. American College of Chest Physicians (Chest) Annual Meeting, San Antonio, TX, October 6-10, 2018.

## General Internal Medicine

### Abstracts with Associated Research Presentations: continued

**Said A, \*Keeney S, \*Matka M, Hafeez A,** Dalal B, George J, et al. Concomitant use of direct oral anticoagulants and aspirin in atrial fibrillation and flutter. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

**Savedchuk S,** Mansuri S, Nguyen T. Triple hit: A case of IgA nephropathy with thin glomerular basement disease and nutcracker syndrome. American Society of Nephrology Kidney Week, San Diego, CA, October 23-28. 2018.

**Savedchuk S,** Ospina L. Diagnostic dilemma in a case of hyperandrogenism: Which ovary to spare? American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

**Schloop M, Figueroa Rodriguez F, Iftikhar H,** Nair G. Massive stroke on anticoagulation: A case of nonbacterial thrombotic endocarditis in a patient with lung adenocarcinoma. American College of Chest Physicians (Chest) Annual Meeting, San Antonio, TX, October 6-10, 2018.

**Shams C,** Cohen L. Anoxic brain injury induced diabetes insipidus. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

**Shams C,** Nader M, Balachandran Nair G, Cichewicz A, Cousineau C. Lipoid pneumonia: An uncommon complication of a common environmental cleaner. Michigan Thoracic Society, Annual Scientific Session, Novi, MI, April 20, 2018. **Awarded: 1<sup>st</sup> Place Winner Poster.**

**Shams C,** Nader M. Fungal empyema thoracis in an immunocompetent patient: An account of presentation, evaluation and treatment. Michigan Thoracic Society, Annual Scientific Session, Novi, MI, April 20, 2018.

**Shams C,** Pathwardhan S, Patel A. Multi-focal intussusception with concurrent appendicitis in an adult female. American College of Gastroenterology 2018, Philadelphia, PA, October 5-10, 2018. **Awarded: Outstanding Poster Winner.**

**Willner S,** Chisti MM. A case of hemophagocytic lymphohistiocytosis in an unlikely host. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

**Willner C,** Chisti M, Soriano M. Analyzing how elderly AML patients are treated, an institutional experience. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018. **Awarded: 3<sup>rd</sup> Place Winner Oral Research.**

**Zhang C.** Influence of diabetes mellitus related immune dysfunction in hospitalized interstitial lung disease patients. American College of Chest Physicians (Chest) Annual Meeting, San Antonio, TX, October 6-10, 2018.

**Zhang C,** Ginoya S, Fields W. Acute hearing loss: A rare presentation of heroin intoxication. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

## General Internal Medicine

### Abstracts with Associated Research Presentations: continued

**Zhang C, Iftikhar H, Nair G.** Attributes of hospitalized elderly compared to younger patients with interstitial lung disease. American College of Chest Physicians (Chest) Annual Meeting, San Antonio, TX, October 6-10, 2018.

# GERIATRICS

## Peer-Reviewed Articles:

**Biedny S, Imam K, Hyde K, Kaur S, \*Maddens ME**, et al. Opportunities for antimicrobial stewardship in skilled nursing facilities. J Am Med Directors Assoc. 2018 Mar;19(3):B29.

Graham SF, Rey NL, Ugur Z, Yilmaz A, Sherman E, **\*Maddens ME**, et al. Metabolomic profiling of bile acids in an experimental model of prodromal Parkinson's Disease. Metabolites. 2018 Oct 31;8(4):pii: E71.

## Abstracts with Associated Research Presentations:

**Biedny S.** Opportunities for antimicrobial stewardship in skilled nursing facilities. American Medical Director's Association (AMDA), Grapevine, TX, March 21-24, 2018.

Graham S, Yilmaz A, An X, Vishweswaraiah S, Radhakrishna U, Bahado-Singh R, et al, [**\*Maddens ME**]. An integrated omics approach for the study of mild and severe Alzheimer's Disease in post-mortem human brain. Gerontological Society of America (GSA), Boston, MA, November 14-18, 2018.

Wang L, **Pai A, Hyde K.** The pee, or not the pee, that is the question: Over-diagnosis of urinary tract infections among skilled nursing facility residents re-admitted to hospital within 30 days of hospital discharge. American Geriatrics Society (AGS), Orlando, FL, May 3-5, 2018.

# HEMATOLOGY / ONCOLOGY

## Peer-Reviewed Articles:

**Ezekwudo D**, Lupak O, Vaddepally R, **Gbadamosi B**, Kuriakose P. Unexplained pancytopenia in acute myeloid leukemia treatment. Clin Case Report. 2018 Aug;6(8): 1504-1506.

**Ezekwudo D**, Keidan R, Douglas-Nikitin V, **Margolis J**, **Stender M**, **Jaiyesimi I**, et al. Durable response with the anti-pd-l1 monoclonal antibody avelumab in non-resectable advanced merkel cell carcinoma: Review of literature. Int J Immunol Immunother, published online August 24, 2018.

Felix O, **Bolanle G**, Tolulope I, **Ishmael J**. Assessing knowledge of sickle cell trait/disease inheritance in metropolitan Detroit. Arch Epidemiol, published online October 24, 2018.

**Gbadamosi B**, **Ezekwudo D**, Bastola S, **Jaiyesimi I**. Predictive and prognostic markers in adults with acute myeloid leukemia: A single-institution experience. Clin Lymphoma Myeloma Leuk, published online May 11, 2018.

**Gbadamosi B**, **Ezekwudo D**, Nayak B, Xie M, **Jaiyesimi I**, **Huben M**, et al. Effective immunotherapy in bone marrow metastatic melanoma presenting with disseminated intravascular coagulopathy. Case Reports Immunol. 2018 Feb 12;4520294.

**Ibrahim M**, \*Yadav S, \*Ogunleye F, **Zakalik D**. Male BRCA mutation carriers: Clinical characteristics and cancer spectrum. BMC Cancer. 2018 Feb 13;18(1):179.

Quiroz E, Hafeez A, Mando R, \*Yu Z, **Momin F**. A malignant squeeze: A rare cause of cardiac tamponade. Case Rep Oncol Med. 2018 Sep 23;2018:5470981.

\*Yu Z, Quiroz E, Shen Y, **Jaiyesimi I**. Pathological complete response induced by neoadjuvant treatment using BRAF and MEK inhibitors in a patient with unresectable BRAF V600E-mutant malignant melanoma of the gallbladder. Onco Targets Ther. 2018 Dec 4;11:8723-8728.

## Abstracts with Associated Research Presentations:

Asare B, **Gbadamosi B**, **Jaiyesimi I**. Novel treatment for metastatic sarcomatoid renal cell carcinoma. American Medical Women's Association 103<sup>nd</sup> Annual Meeting, Philadelphia, PA, March 24, 2018.

**Blankenship L**, \*Foluso O, Hakmeh B, Lanni T, **Stender M**, **Anderson J**, et al, [**Gaikazian S**, Riutta J, **Akhtar A**, **Jaiyesimi I**]. Inpatient hematology and oncology rehabilitation. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.  
Poster Presentations

**Blankenship L**, Yadav S, \***Yumpo-Cardenas P**, **Zakalik D**. Characteristics of CHEK2 mutation carriers in a large US-based academic health center. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

## Hematology / Oncology

### Abstracts with Associated Research Presentations: continued

**Ezekwudo D, Anusim N, Zakalik D, Blankenship L, Gaikazian S, Jaiyesimi I**, et al. Outcome of lymphocyte predominant Hodgkin lymphoma: A single institutional analysis. *Blood*. 2018 132:5376. American Society of Hematology (ASH) National Meeting, San Diego, CA, December 1-4, 2018.

**Ezekwudo D, Gaikazian S, Anusim N, Konde A, Jaiyesimi I**, et al. Clinical outcome following reinstitution of anticoagulation after major gastrointestinal bleed: A single institutional analysis. *Blood* 2018 132:1244. American Society of Hematology (ASH), National Meeting, San Diego, CA, December 1-4, 2018. **Awarded: National Winning Abstract.**

**Ezekwudo D, Gbadamosi B**, Chacko R, Kamidi S, **Blankenship L, Jaiyesimi I**, et al, [**Gaikazian S**]. Outcome on reinstitution of anticoagulation following intracranial hemorrhage: A single institution analysis. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

**Ezekwudo D, Gbadamosi B, Houry J, Blankenship L, Gaikazian S, Jaiyesimi I**, et al. Clinical outcomes in borderline resectable pancreatic cancer (BRPC): A single institutional analysis. *J Clin Oncol* 36, 2018 (suppl; abstr e16232). 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018. American Society of Clinical Oncology, Annual Meeting, Chicago, IL, June 1-5, 2018.

**Ezekwudo D, \*Singh R, Gbadamosi B, Micale M, Jaiyesimi I, Smith M**. Prognostic impact of bone marrow erythropoiesis on newly diagnosed plasma cell myeloma: A single institutional analysis. *Blood* 2018 132:5579. American Society of Hematology (ASH), National Meeting, San Diego, CA, December 1-4, 2018.

**Gbadamosi B, Bastola S, Ezekwudo D, \*Yu Z, Fennell T, Hart B, Gaikazian S, Jaiyesimi I**. Predictive and prognostic markers in adults with acute myeloid leukemia: A single-institution experience. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

Gordon B, **Gbadamosi B, Jaiyesimi I**. Relationship between body mass index and quality of life in breast cancer survivors: A single institution experience. American Medical Women's Association 103<sup>rd</sup> Annual Meeting, Philadelphia, PA, March 22-25, 2018.

Gordon B, **Gbadamosi B, Jaiyesimi I**. The relationship between chemotherapy-induced neuropathy and quality of life in breast cancer survivors. *J Clin Oncol* 36, 2018 (suppl; abstr e22111). American Society of Clinical Oncology, Annual Meeting, Chicago, IL, June 1-5, 2018.

Gordon B, Patino G, **Jaiyesimi I**. Does neurology have a role? Chemotherapy-induced peripheral neuropathy from the perspective of breast cancer survivors. American Academy of Neurology 2018 Annual Meeting. Los Angeles, CA, April 21-27, 2018.  
Presented at the

Ifabiyi T, **Gbadamosi B, Ezekwudo D, Jaiyesimi I**. Primary transitional cell carcinoma of the ovary. American Medical Women's Association 103<sup>rd</sup> Annual Meeting. Philadelphia, PA, March 24, 2018.



## Hematology / Oncology

### Abstracts with Associated Research Presentations: continued

**Khoury J, Chacko R, Macari D, Gbadamosi B, Ezekwudo D, Blankenship L, et al, [Anderson J, Jaiyesimi I].** Metastatic patterns and prognostic significance of signet ring cell carcinoma of the colon: Retrospective analysis of SEER database. J Clin Oncol, published online June 1, 2018. American Society of Clinical Oncology, Annual Meeting, Chicago, IL, June 1-5, 2018.

**Khoury J, Willner C, Macari D, \*Yu Z, Gaikazian S, Stender M, Jaiyesimi I.** A population-based evaluation of demographics and survival in primary effusion lymphoma: SEER database analysis. J Clin Oncol 36, 2018:e19535. American Society of Clinical Oncology, Annual Meeting, Chicago, IL, June 1-5, 2018. Lymphoma and Myeloma Conference, New York, NY, October 18-20, 2018.

**Macari D, Gbadamosi B, Ezekwudo D, Anderson J, Jaiyesimi I, Stender M.** Vascular access device complications during induction chemotherapy for AML: A single institutional analysis. Blood 2018 132:3529. American Society of Hematology (ASH) National Meeting, San Diego, CA, December 1-4, 2018.

**Pang Y, Gbadamosi B, Gaikazian S.** Utility of bone marrow biopsy in pre-liver transplant evaluation of cytopenia. American Association for the Study of Liver Diseases, The Liver Meeting, San Francisco, CA, November 9-13, 2018.

**Thapar K, Patel N, Gbadamosi B, Ezekwudo D, Jaiyesimi I, Smith M.** Do current antiphospholipid antibody syndrome guidelines effectively target at-risk obstetric patients? Blood. 2018 132:1208. American Society of Hematology (ASH) National Meeting, San Diego, CA, December 1-4, 2018.

**\*Yu Z, Quiroz E, Shen Y, Jaiyesimi I.** Pathological complete response induced by neoadjuvant treatment using BRAF and MEK inhibitors in a patient with unresectable BRAF V600E mutant malignant melanoma of gallbladder. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

# INFECTIOUS DISEASES

## Peer-Reviewed Articles:

Darlin S, Fennell TR, Holmes BA, **Chittick P**, Soltero EI, Boyanton Jr BL. Cytomegalovirus hepatitis with eosinophilia in an immunocompetent host: A case report. *Med Sci Case Rep*. 2018 Aug;5:56-59.

Garg R, Ma D, **Fishbain JT**. Epiploic appendagitis: The uncommon intestinal imitator. *Clin Gastroenterol Hepatol*. 2018 Jan;16(1):A36.

Holland TL, Raad I, Boucher HW, Anderson DJ, Cosgrove SE, Aycock PS, et al, [**Sims M**]. Staphylococcal bacteremia investigators. Effect of algorithm-based therapy vs. usual care on clinical success and serious adverse events in patients with staphylococcal bacteremia: A randomized clinical trial. *JAMA*. 2018 Sep;320(12):1249-1258.

**Lauter CB, Koppisetty S**. Recurrent idiopathic anaphylaxis in a woman after suspected food poisoning. *Inf Dis in Clin Prac*. 2018 May;26(3):138-140.

Rudoni MA, **Yost CN**, Winegardner JE, Brown AR, Pappada SM, Papadimos TJ. Utilization of vancomycin loading doses in patients with renal impairment. *The Internet Journal of Infectious Diseases*. 2018; 16(1).

Saravolatz LD 2<sup>nd</sup>, Labalo V, **Fishbain J**, Szpunar S, Johnson LB. Lack of effect of antibiotics on biopsy culture results in vertebral osteomyelitis. *Diagn Microbiol Infect Dis*. 2018 Jul;91(3):273-274.

## Book Chapter or Full Book Publications:

**Band J**, Gaynes R. Prevention of intravenous catheter-related treatment of intravascular catheter-related infection. In: Post TW (ed.) *UpToDate*. Waltham MA: UpToDate;2018.

**Band J**. Intravascular catheter-related infections: treatment. In: Post TW (ed.) *UpToDate*. Waltham MA: UpToDate; 2018.

**Band J**. Diagnosis of central venous catheter infections. In: Post TW (ed.) *UpToDate*. Waltham MA: UpToDate; 2018.

**Band J**. Faculty reviewer for infectious diseases questions. In: Le T, Bhushan V. *First aid for USMLE Step 2 CK*. 10th ed. New York: McGraw-Hill; 2018.

Freij JB, **Freij BJ**. Lady Amalia Fleming: turbulence and triumph. In: Whitaker RJ, Barton HA (editors). *Women in Microbiology*. Washington, DC: ASM; 2018. p.99-104.

Ahmed Z, **Fishbain JT**. Scrotal necrosis mimicking Fournier's after HIPEC. Michigan Chapter of the American College of Physicians Associates' Day, Sterling Heights, MI, May 4, 2018.

## Infectious Diseases

### Abstracts with Associated Research Presentations:

Baker EA, Gehrke C, Siljander M, Wright J, **Powell K, Sims M**, et al. Antibacterial and osseointegrative efficacy of titania nanotube surface. Orthopedic Research Society Annual Meeting, New Orleans, LA, March 10-13, 2018.

Bebekoski TM, Lauter CB, **Sims MD**. Correlation of antibiotic allergy frequency and problematic diagnoses. J Allergy Clin Immunol. 2018 Feb; 141(2): AB167. American Academy of Allergy Asthma and Immunology Annual Meeting 2018. Orlando, FL, March 2-5, 2018.

Biedny S, **Johnson P**, Skrzynski A, **Chittick P**, Imam K, Hyde K, et al, [**Shah PP, Yost CN, Eke-Usim A, \*Maddens ME, Carpenter CF**]. Opportunities for antimicrobial stewardship in skilled nursing facilities. The Society for Post-Acute and Long-Term Care Medicine (AMDA) Annual Conference, Grapevine, TX, March 22-25, 2018.

Fuller R, **Shah P, Yost C**. Evaluating the impact of a pharmacist-led antibiotic “time out”. Ohio Pharmacy Residency Conference, Ada, OH, May 18, 2018.

Hipp K, **DeMarco C**. C. difficile enteritis and bowel ischemia after recent total colectomy: A fatal case of extra-colonic pseudomembranous disease. American College of Gastroenterology, Philadelphia, PA, October 5-10, 2018.

**Lauter CB**. A heart gone bananas: Allergy-induced coronary vasospasm due to banana (Kounis Syndrome). American Academy of Allergy, Asthma and Immunology (AAAAI)/World Allergy Organization (WAO), Orlando, FL March 2-5, 2018.

Mopuru H, **Powell K, Sims MD**. Evaluation of a rapid highly multiplexed molecular diagnostic lower respiratory panel for clinical impact and antibiotic stewardship. American Society for Microbiology (ASM) Microbe, Atlanta, GA, June 7-10, 2018.

Qi C, Wunderink R, **Sims MD**, Humphries R, Kallstrom G, Carroll K, et al. Multicentre clinical trial of the unyvero lower respiratory tract infection application. European Congress of Clinical Microbiology and Infectious Diseases, Madrid, Spain, April 21-24, 2018.

Riederer K, Witherell R, **Fishbain JT**. Rapid antimicrobial susceptibility testing (AST) via laser light scattering technology for gram negative organisms from screen positive urine. American Society for Microbiology (ASM) Microbe, Atlanta, GA, June 6-11, 2018.

Saleb K, Saco R, Donaghue J, **Fishbain JT**. Disseminated nocardiosis: A sporadic case with a rare manifestation, septic arthritis! Michigan Chapter of the American College of Physicians Associates' Day, Sterling Heights, MI, May 4, 2018.

Siljander M, Wright J, Baker E, Gehrke C, **Powell K, Sims MD**, et al. Antibacterial and osseointegrative efficacy of titania nanotube surfaces. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 22-24, 2018.

Szela J, Venkatappa N, **Sims MD**. Risk and timing of clostridium difficile infection relapse after antibiotic exposure. Infectious Disease Society of America ID Week, San Francisco, CA, October 3-7, 2018.

## Infectious Diseases

### Invited Research Presentations:

Bergin SP, Coles A, Calvert SB, Farley J, Santiago J, **Sims MD**, et al. Predicting pneumonia in hospitalized patients in the ICU: A model and scoring system. Infectious Disease Society of America ID Week, San Francisco, CA, October 3-7, 2018.

Mopuru H, **Powell K, Sims MD**. Rapid fire talk: Evaluation of a rapid highly multiplexed molecular diagnostic lower respiratory panel for clinical impact and antibiotic stewardship. American Society for Microbiology (ASM) Microbe, Atlanta, GA, June 7-10, 2018.

Pereira Rodrigues O, **Sims MD**. Outcome based study of carbapenem use relative to ESBLs (OBSCURE). Michigan Infectious Diseases Society Annual Scientific Meeting Royal Oak, MI, March 17, 2018.

Siljander M, Wright J, Baker E, Gehrke C, **Powell K, Sims MD**, et al. Antibacterial and osseointegrative efficacy of titania nanotube surfaces. Michigan Orthopaedic Society Annual Scientific Meeting, Mackinac Island, MI, June 22-24, 2018.

# NEPHROLOGY

## Peer-Reviewed Articles:

**Kellerman PS.** Old friends: Maintaining the physician-patient relationship in the 21<sup>st</sup> Century. Am J Kidney Dis. 2018 Mar;71(3)A12-A13.

**Vercellone J, Cohen L, Mansuri S, Zhang PL, Kellerman PS.** Bartonella endocarditis mimicking crescentic glomerulonephritis with PR3-ANCA positivity. Case Rep Nephrol. 2018 Aug 19; 2018;ID 9607582.

## Book Chapter or Full Book Publications:

**Kellerman PS.** IgA nephropathy. In: Ferri, FF, editor. Ferri's clinical advisor 2018: 5 books in 1 (Ferri's Medical Solutions). Philadelphia: Elsevier, 2018. p.693-694.

**Cohen L.** Contrast-induced acute kidney injury (CI-Ak1). In: Ferri, FF, editor. Ferri's clinical advisor 2018: 5 books in 1 (Ferri's Medical Solutions). Philadelphia: Elsevier, 2018. p.333-334.

## Abstracts with Associated Research Presentations:

**Mansuri S, Savedchuk S.** Triple hit: Case of IgA nephropathy with thin glomerular basement disease and nutcracker syndrome. American Society of Nephrology, Kidney Week, San Diego, CA, October 23-28, 2018.

# NEUROLOGY

## Peer-Reviewed Articles:

Fortunato J, Wasserman JA, **Menkes DL**. Placebo analgesia as nocebo reduction. *AJOB Neuroscience*. 2018;9:198-199.

Klaver AC, Coffey MP, Aasly JO, **Loeffler DA**. CSF lamp2 concentrations are decreased in female Parkinson's disease patients with LRRK2 mutations. *Brain Res*. 2018;1683:12-16.

**Loeffler DA**, Klaver AC, Coffey M, Aasly JO. Cerebrospinal fluid concentration of key autophagy protein lamp2 changes little during normal aging. *Front Aging Neurosci*. 2018;10:130.

Mahajan A, **Zillgitt A**, Alashamma A, et al. Cervical dystonia and executive function: A pilot magnetoencephalography study. *Brain Sci*. 2018;8(9).pii:E159.

Mahajan A, **Zillgitt A**, Bowyer SM, Sidiropoulos C. Sensory trick in a patient with cervical dystonia: Insights from magnetoencephalography. *Brain Sci*. 2018;8(4).pii:E51.

Sonoo M, **Menkes DL**, Bland JDP, Burke D. Nerve conduction studies and EMG in Carpal Tunnel Syndrome: Do they add value? *Clinical Neurophysiology Practice*. 2018; 3:78-88.

Viarasilpa T, Panyavachiraporn N, Osman G, **Parres C**, Varelas P, Van Harn M, et al. Electrographic seizures in patients with acute encephalitis. *Neurocrit Care*, published online September 10, 2018.

**Zillgitt A**, Alshamma A, Kahn MS, Madani S, Zahoor S, Air EL. Post-operative nonketotic hyperglycemic induced focal motor status epilepticus related to treatment with corticosteroids following standard anterior temporal lobectomy. *Epilepsy Behav Case Rep*. 2018;10:124-128.

## Abstracts with Associated Research Presentations:

Simon A, **Menkes DL**. Cyclophosphamide as a rescue agent in myasthenic crisis. American Association of Electrodiagnostic Medicine, Washington, DC, October 10-13, 2018.

# NUTRITION and PREVENTIVE MEDICINE

## Peer-Reviewed Articles:

Lynch A, Reznar MM, **Zalesin KC**, Bohn D. To keep myself on track: The impact of dietary and weight monitoring behaviors on weight loss after bariatric surgery. *Bariatric Surgical Practice and Patient Care*, published online March 1, 2018.

Lynch A, McGowen E, **Zalesin KC**. Take me through the history of your weight: Using qualitative interviews to create personalized weight trajectories to understand the development of obesity in patients preparing for bariatric surgery. *J Acad Nut Diet*. 2018 Sep;118(9):1644-1654.

## Abstracts with Associated Research Presentations:

Lloyd E, **Miller WM**, Franklin B. Demographic characteristics, motivators and feedback of participants attending health system-based cooking classes. Class of 2018 Embark Capstone Colloquium, Pontiac, MI, March 15, 2018.

Lynch A, **Zalesin KC**. Locus of control and weight loss after bariatric surgery for obesity. Society of Behavioral Medicine 39<sup>th</sup> Annual Meeting and Scientific Session, New Orleans, LA, April 11-14, 2018.

**Miller WM, Zalesin KC**, Montgomery W, Ziegler K. Early postoperative visit intervention to reduce emergency department visits after bariatric surgery. The Obesity Society and American Society of Metabolic and Bariatric Surgery Annual Scientific Meeting, Obesity Week, Nashville, TN, November 11-15, 2018.

**Miller WM, Zalesin KC**, Tessmar C, Coffey M, Baker S. Impact of text messaging on a high-intensity comprehensive weight loss program. The Obesity Society and American Society of Metabolic and Bariatric Surgery Annual Scientific Meeting, Obesity Week, Nashville, TN, November 11-15, 2018.

# PULMONARY and CRITICAL CARE MEDICINE

## Peer-Reviewed Articles:

Ahlstrom E, Adas J, **Keena D**. Midodrine toxicity and posterior reversible encephalopathy syndrome. Crit Care Med. 2018 Jan;46(1):360.

Lanni TB, Stevens C, Farah M, Welsh R, **Keena D**, Mezwa D. Early results from the implementation of a lung cancer screening program: The Beaumont Health experience. Am J Clin Oncol. 2018 Mar;41(3):218-222.

Radovanovic D, Sotgiu G, Jankovic M, Aliberti S, Reyes LF, Restrepo MI, et al, [**Nair G**]. An international perspective on hospitalized patients with viral community-acquired pneumonia. Eur J Intern Med, published online November 4, 2018.

Restrepo MI, Babu BL, Reyes LF, Chalmers JD, Soni NJ, Sibila O, et al, [**Nair G**]. Burden and risk factors for pseudomonas aeruginosa community-acquired pneumonia: Multinational point prevalence study of hospitalized patients. Eur Respir J. 2018 Aug 9;52(2). pii: 1701190.

## Book Chapter or Full Book Publications:

**Dalal B**, Quinn TJ, Foster L, Lin M, Matthews M, Yuhan B. Ligand-directed tumor targeting with hybrid viral phage nanoparticles. In: Grumezescu AM, editor. Drug targeting and stimuli sensitive drug delivery systems. Cambridge, MA: William Andrew Publishers; Elsevier, 2018. p.483-516.

**Nair GB**, Nieerman MS. Acute infectious pneumonia. In: Irwin RS, Lilly CM, Mayo PH, Rippe JM, editors. Irwin & Rippe's Intensive care medicine. 8<sup>th</sup> ed. Philadelphia: Lippincott Williams & Wilkins, 2018. p.1686-1710.

## Abstracts with Associated Research Presentations:

Cheah C, Jayaschandran V, \*Christensen P, **Nair GB**, Halalau A. Asthma control and education (ACE): Use of an electronic teaching tool to improve resident skills, knowledge and self-efficacy for teaching of inhaled therapies. Medical Education Week, Oakland University William Beaumont School of Medicine, Royal Oak, MI, May 14-18, 2018.

\*Christensen P, Sarode D, Corral S, Albear S, **Nair GB**. In 'cysting' on a diagnosis of Sjogren's syndrome. American Thoracic Society International Conference, San Diego, CA, May 18-23, 2018.

Dereski M, Pittiglio L, Lerchenfeldt S, **Patel V**, **Dalal B**. Integration of simulation early in undergraduate medical education enhances student critical thinking. International Association of Medical Science Educators Annual Meeting, Las Vegas, NV June 9-12, 2018.

Figuroa F, **Iftikhar H**, **Nair GB**, Schloop M. A case of non-bacterial thrombotic endocarditis in a patient with lung adenocarcinoma. American College of Chest Physicians Annual Meeting, San Antonio, TX, October 6-10, 2018.



## Pulmonary and Critical Care Medicine

### Abstracts with Associated Research Presentations: (continued)

**Iftikhar H, Nair GB, Zhang C.** Attributes of hospitalized elderly compared to younger patients with interstitial lung disease. American College of Chest Physicians Annual Meeting, San Antonio, TX, October 6-10, 2018.

**Iftikhar H, Nair GB, Zhang C.** Influence of diabetes mellitus related immune dysfunction in hospitalized interstitial lung disease patients. American College of Chest Physicians Annual Meeting, San Antonio, TX, October 6-10, 2018.

**Iftikhar H, Nair GB, Zhang C.** Multiple calcified pulmonary nodules: It need not be what the eye doesn't see. American College of Chest Physicians Annual Meeting, San Antonio, TX, October 6-10, 2018.

**Iftikhar H, Zhang C, Nair GB.** It's NUTS! A poorly differentiated cancer due to chromosomal translocation. American College of Chest Physicians Annual Meeting, San Antonio, TX, October 6-10, 2018.

**Iftikhar H, Zhang C, Hehar J, Nair GB, Bozyk P.** An unusual case of heroin induced central diabetes insipidus. American Thoracic Society International Conference, San Diego, CA, May 18-23, 2018.

**Iftikhar H, Zhang C, Nair GB.** Respiratory culture, antibiotic susceptibility, multidrug resistant pathogens and disease outcomes in hospitalized interstitial lung disease patients. American College of Chest Physicians Annual Meeting, San Antonio, TX, October 6-10, 2018.

**Nair GB, Bozyk P, Iftikhar H, Zhang C, Hehar J.** Wait it is not a lab error! An uncommon case of serum ammonia level greater than 1000 millimoles per liter and normal hepatic function. Thoracic Society International Conference, San Diego, CA, May 18-23, 2018.

Nur Khaled Z, Sabah Toma B, \*Christensen P, **Nair GB.** The lung-gut axis: Rare case of inflammatory granulomatous bronchiolitis in Crohn's Disease. American College of Physicians (ACP), Lansing, MI, October 11-12, 2018.

Rodriguez F, **Dogra S**, Silverman J, **Nair GB.** An unusual case of Mycobacterium Porcinum related septic shock in a peritoneal dialysis patient. American Thoracic Society International Conference, San Diego, CA, May 18-23, 2018.

**Zhang C, Iftikhar H, Niederman MS, Nair GB.** Use of steroids prior to hospitalization in interstitial lung disease patients admitted with pneumonia. American Thoracic Society International Conference, San Diego, CA, May 18-23, 2018.

**Zhang C, Iftikhar H, Niederman MS, Nair GB.** Bacterial burden and infection with multi-drug resistant pathogens in hospitalized interstitial lung disease patients. American Thoracic Society International Conference, San Diego, CA, May 18-23, 2018.

## **Pulmonary and Critical Care Medicine**

### **Invited Research Presentations:**

Corral S, Albear S, Salim M, **Bozyk PD**, Swanberg SM. The association between hookah smoking and infectious diseases: A systematic review. American Thoracic Society International Conference, San Diego, CA, May 18-23, 2018.

**Dalal B.** Sleep disordered breathing and heart failure: What does the future hold? Joint International Conference (JIC) Oration award plenary lecture. Care Institute of Medical Science Conference, Ahmedabad, India, January 5-7, 2018.

**Dalal B.** Pulmonary embolism: Acute and chronic management. Joint International Conference (JIC) Oration award plenary lecture. Care Institute of Medical Science Conference, Ahmedabad, India, January 5-7, 2018.

**Dalal B.** Pulmonary hypertension: An update for physicians. Joint International Conference (JIC) Oration award plenary lecture. Care Institute of Medical Science Conference, Ahmedabad, India, January 5-7, 2018.

**Dalal B.** No mortality benefit of supplement oxygen in acute MI: Bye, bye to oxygen! Joint International Conference (JIC) Oration award plenary lecture. Care Institute of Medical Science Conference, Ahmedabad, India, January 5-7, 2018.

**Dalal B.** Acid base disorders, case based approach. Joint International Conference (JIC) Oration award plenary lecture. Care Institute of Medical Science Conference, Ahmedabad, India, January 5-7, 2018.

**Dalal B.** Chest imaging for medicine residents and practitioners. Joint International Conference (JIC) Oration award plenary lecture. Care Institute of Medical Science Conference, Ahmedabad, India, January 5-7, 2018.

**Dalal B.** Sleep apnea is heart disease. Michigan Association of Physicians of India (MAPI), Marriot, Troy, MI, March 2018.

**Dalal B.** Sleep and pulmonary peer pressure game. Game Lecture. Beaumont Health, Troy, MI, April 2018.

**Iftikhar H, Patel V.** Unexpected side effect of Mirabegron-A medication for overactive bladder. American Academy of Sleep Medicine (AASM) National Meeting, Baltimore, MD, June 2-6, 2018.

**Iftikhar H, Patel V.** When smartstart feature is not so smart. Michigan Thoracic Society Regional Meeting, Novi, MI, April 11, 2018.

Imam Z, Pang Y, **Keena D.** Phantoms of the past: Multiple organ dysfunction in a patient with tetralogy of fallot and relapse of Diamon-Blackfan anemia. American Thoracic Society International Conference, Diego, CA, May 18-23, 2018.

## Pulmonary and Critical Care Medicine

### Invited Research Presentations: continued

Krater R, **Patel V**. Chronic hemoptysis: Manifestation of a rare, obscure and fatal diagnosis. American Thoracic Society International Conference, Diego, CA, May 18-23, 2018.

Lynch S, Wilson M, Chacko R, **Mina N, Nair GB**. Trip across midline: An unusual case of central line cannulation into persistent left superior vena cava. Society of Critical Care Medicine (SCCM) Annual Meeting, San Antonio, TX, February 25-28, 2018.

Quiroz E, Figueroa F, **Bozyk PD, Keena D**. Brothers from another mother? A case of benign metastasizing leiomyoma with features of lymphangiomatosis. American College of Physicians Annual meeting August 2018.

Sczepanski M, **Bozyk PD**. Institutional incidence of TPA-induced angioedema in ischemic cerebral vascular accidents. American Thoracic Society International Conference, San Diego, CA, May 18-23, 2018.

Willner C, **Bozyk PD**. A risk-factor derived, equation-based approach as a predictor for severe sepsis/septic shock and associated clinical outcomes. American Thoracic Society International Conference, San Diego, CA, May 18-23, 2018.

Willner CA, **Bozyk PD**, Rizk M. Feel the squeeze: Cerebral vasospasm in high-grade lymphoma. American Thoracic Society International Conference, San Diego, CA, May 18-23, 2018.

# NURSING

## Peer-Reviewed Articles:

**Campbell D.** Implementing bedside handoff in the emergency department: A practice improvement project. *J Emerg Nurs.* 2018 Oct;1-6.

**Golinski M, Hranchook A.** Events during cosmetic surgery: A thematic analysis of closed claims. *AANA J.* 2018; 86(2):127-136.

**Golinski M, Wright S, Crosson J.** Improve patient safety! Recognizing and preventing residual neuromuscular blockade. Supplement to *AANA Journal.* 2018 Oct;86(5):1-11.

**Golinski M.** Identifying patterns and meanings across the AANA foundation closed claim dataset using thematic analysis methods. *AANA Journal.* 2018;86(1):27-31.

**Golinski M.** The comparative preemptive analgesic efficacy of addition of vitamin B complex to gabapentin versus gabapentin alone in women undergoing cesarean section under spinal anesthesia: A prospective randomized double-blind study. *Anesthesia Abstracts.* 2018;12(5).

**Golinski M.** Gabapentin as an adjuvant therapy for prevention of acute phantom-limb pain in pediatric patients undergoing amputation for malignant bone tumor: A prospective double-blind randomized controlled trial. *Anesthesia Abstracts.* 2018;12:(5).

**Golinski M.** Role of preemptive gabapentin on postoperative analgesia after infraumbilical surgeries under subarachnoid block-A randomized placebo-controlled, double-blind study. *Anesthesia Abstracts.* 2018;12(5).

**Golinski M.** The effect of magnesium sulfate on postoperative pain in upper limb surgeries by supraclavicular block under ultrasound guidance. *Anesthesia Abstracts.* 2018;12(7).

**Golinski M.** The impact of single low dose IV magnesium sulfate adjuvant to ultrasound guided transversus abdominis plane block for control of post-cesarean pain. *Anesthesia Abstracts.* 2018;12(7).

**Golinski M.** Magnesium sulfate improves postoperative analgesia in laparoscopic gynecologic surgeries: A double-blind randomized controlled trial. *Anesthesia Abstracts.* 2018;12(7).

**Golinski M.** Multimodal analgesia decreases opioid consumption after shoulder arthroplasty: A prospective cohort study. *Anesthesia Abstracts.* 2019;12(9).

**Golinski M.** A randomized comparison between intravenous and perineural dexamethasone for ultrasound-guided axillary block. *Anesthesia Abstracts.* 2018;12(9).

**Golinski M.** Cost-effectiveness of intravenous acetaminophen and ketorolac in adolescents undergoing idiopathic scoliosis surgery. *Anesthesia Abstracts.* 2018;12(9).

## Nursing

### Peer-Reviewed Articles: continued

**Golinski M.** Dexamethasone does not inhibit sugammadex reversal after rocuronium: Induced neuromuscular block. *Anesthesia Abstracts*. 2018;12(13).

**Hranchook A,** Penprase B, Piscotty R. Mobile computing devices in the perioperative environment: A survey exploring CRNA uses and experiences. *AANA J*. 2018;86(6):471-478.

**Hranchook A,** Jordan LM, Everson M, Hirsch M, Matthews R. A content and thematic analysis of closed claims resulting in death. *AANA J*. 2018;86(4):311-318.

**Hranchook A,** Penprase B, Piscotty R. Mobile computing devices in the perioperative environment: A survey exploring CRNA uses and experiences. *AANA J*. 2018;86(6):471-478.

**Hranchook A,** Jordan LM, Everson M, Hirsch M, Matthews R. A content and thematic analysis of closed claims resulting in death. *AANA J*. 2018;86(4):311-318.

**Golinski M, Hranchook A.** Events during cosmetic surgery: A thematic analysis of closed claims. *AANA J*. 2018;86(2):127-136.

**Ogunyemi D, McGlynn S, Ronk A, Knudsen P, Andrews-Johnson T, Raczewicz A,** et al. Using a multi-faceted quality improvement initiative to reverse the rising trend of cesarean births. *J Matern Fetal Neonatal Med*. 2018 Mar;31(5):567-579.

**Paul J.** Scratching the surface. *Wounds*. 2018 Jan;30(1):A10.

**Paul J.** Descriptors of itch related to chronic wounds. *Wounds*. 2018 Jan;30(1):4-9.

Smith LM, Keiser M, **Turkelson C,** Yorke AM, Sachs B, Berg K. Simulated interprofessional education discharge planning meeting to improve skills necessary for effective interprofessional practice. *Prof Case Manag*. 2018 Mar/Apr;23(2):75-83.

### Abstracts with Associated Research Presentations:

**Bobo M, Foreman-Lovell M, Via B, Wallace M.** The relationship between nurse manager competency development, competence, and patient outcomes. 3<sup>rd</sup> Annual Beaumont Nursing Research and Evidence-Based Practice Conference, Livonia, MI November 8, 2018.

**White B, Nieto T, Wilson S.** Partnering with patients and families to cultivate patient centeredness in a level I trauma center. 8<sup>th</sup> International Conference on Patient and Family-Centered Care, Baltimore, MD, June 11-13, 2018.

## **Nursing**

### **Invited Research Presentations:**

**Bittinger A, Dunn K, Codier E, Hranchook A.** Relationship between emotional intelligence and occupational stress level among certified registered nurse anesthetists. Oakland University School of Nursing Sigma Theta Tau Theta Psi Chapter 15<sup>th</sup> Annual Research Day, Rochester, MI, April 2018. Midwest Graduate Research Symposium, Toledo, Ohio, April 7, 2018. Michigan Association of Nurse Anesthetists Spring Meeting, Detroit, MI, May 4-5, 2018.

**Golinski M, Hranchook A.** Adverse events during cosmetic surgery: A thematic analysis of closed claims. Michigan Association of Nurse Anesthetists Spring Meeting, Detroit, MI, May 4-5, 2018.

**Hranchook A, Jordan LM, Everson M, Hirsch M, Matthews R.** A content and thematic analysis of closed claims resulting in death. Michigan Association of Nurse Anesthetists Spring Meeting, Detroit, MI, May 4-5, 2018. AANA Foundation State of the Science Oral Presentation, Boston, MA, September 21-25, 2018.

# OBSTETRICAL / GYNECOLOGICAL SERVICES

## Peer-Reviewed Articles:

**Bahado-Singh RO**, Sonek J, McKenna D, Cool D, **Friedman P**, et al, [**Graham SF, Yilmaz A**]. Artificial intelligence and amniotic fluid multiomics analysis: The prediction of perinatal outcome in asymptomatic short cervix. *Ultrasound Obstet Gynecol*, published online October 31, 2018.

**Bahado-Singh RO**, Syngelaki A, Mandal R, Han B, Li L, Bjorndahl TC, et al, **Turkoglu O, \*Zeb A, Redman M**]. First-trimester metabolomic prediction of stillbirth. *J Matern Fetal Neonatal Med*. 2018 Apr 30:1-7.

Bayci AWL, Baker DA, Somerset AE, **Turkoglu O**, Hothem Z, Callahan RE, et al, [**Bahado-Singh RO, Graham SF**]. Metabolomic identification of diagnostic serum-based biomarkers for advanced stage melanoma. *Metabolomics*. 2018 Aug 3;14(8):105.

Garg G, **Yilmaz A**, \*Kumar P, **Turkoglu O, Rosen B, Bahado-Singh RO**, et al, [**Graham SF**]. Targeted metabolic profiling of low and high grade serous epithelial ovarian cancer tissues. *Metabolomics*. 2018 Nov 24;14(12):154.

**Graham SF**, Pan X, **Yilmaz A**, Macias S, Robinson A, Mann D, et al. Targeted biochemical profiling of brain from Huntington's disease patients reveals novel metabolic pathways of interest. *Biochim Biophys Acta Mol Basis Dis*. 2018 Jul;1864(7):2430-2437.

**Graham SF**, Rey NL, **Yilmaz A**, \*Kumar P, Madaj Z, \*Maddens MM, et al, [**Bahado-Singh RO**]. Biochemical profiling of the brain and blood metabolome in a mouse model of prodromal Parkinson's disease reveal distinct metabolic profiles. *J Proteome Res*. 2018 Jul 6;17(7):2460-2469.

**Graham SF**, Rey NL, **Ugur Z, Yilmaz A**, Sherman E, \*Maddens MM, et al, [**Bahado-Singh RO**]. Metabolomic profiling of bile acids in an experimental model of prodromal Parkinson's disease. *Metabolites*. 2018 Oct 31;8(4). pii: E71.

Jayaraman A, \*Kumar P, Marin S, de Atauri P, Mateo F, Thomson TM, et al, [**Graham SF**]. Untargeted metabolomics reveals distinct metabolic reprogramming in endothelial cells co-cultured with CSC and non-CSC prostate cancer cell subpopulations. *PLOS One*. 2018 Feb 21;13(2):e0192175.

Kesarwani P, Prabhu A, Kant S, \*Kumar P, **Graham SF**, Buelow KL, et al. Tryptophan metabolism contributes to radiation-induced immune checkpoint reactivation in glioblastoma. *Clin Cancer Res*. 2018 Aug 1;24(15):3632-3643.

Maerz T, Sherman E, Newton M, **Yilmaz A**, \*Kumar P, **Graham SF**, et al. Metabolomic serum profiling after ACL injury in rats: A pilot study implicating inflammation and immune dysregulation in post-traumatic osteoarthritis. *J Orthop Res*. 2018 Jul;36(7):1969-1979.

Nasaruddin ML, Pan X, McGuinness B, Passmore P, Kehoe PG, Hölscher C, et al, [**Graham SF**]. Evidence that parietal lobe fatty acids may be more profoundly affected in moderate Alzheimer's Disease (AD) pathology than in severe AD pathology. *Metabolites*. 2018 Oct 26;8(4). pii: E69.

## Obstetrical / Gynecological Services

### Peer-Reviewed Articles: continued

\*Ogunyemi D, **McGlynn S, Ronk A**, \*Knudsen P, **Andrews-Johnson T, Racziewicz A**, et al, [**Kaur S, Dykowski M, Redman M, Bahado-Singh RO**]. Using a multifaceted quality improvement initiative to reverse the rising trend of cesarean births. J Matern Fetal Neonatal Med. 2018;31(5):567-579.

Pan X, Passmore P, **Graham SF**, Todd S, McGuinness B, Green BD. Significant age-related alterations in the blood plasma metabolome of non-cognitively impaired healthy elderly subjects. Healthy Aging Research, published online January 19, 2018.

\*Qafiti F, **Kaur S, Bahado-Singh RO**. Development of a clinical risk assessment tool for 6-week postpartum visit nonadherence. Am J Perinatol. 2018;35(7):688-694.

### Abstracts with Associated Research Presentations:

**Friedman P, Kim SK**, Awrow M, \*Madan I, \*Ogunyemi D. Chronic hypertension: Is there an optimal delivery time? Society for Maternal Fetal Medicine (SMFM) 38<sup>th</sup> Annual Pregnancy Meeting, Dallas, TX, January 29-February 3, 2018. The Michigan Section Junior Fellow Research Day, Lansing, MI, May 23, 2018. **Awarded: 1<sup>st</sup> place winner.**

**Friedman P**, \*Ogunyemi D, **Andrews-Johnson T, Maki K, Ronk A**, Patricolo GE, et al, [**Kim SK**]. Labor support education for labor and delivery nurses in a large obstetrical unit. 3<sup>rd</sup> Annual Michigan Summit on Quality Improvement and Patient Safety, Troy, MI, June 1, 2018.

**Friedman P, Walia P, Kim SK**, \*Jovanovski A, \*Madan I, \*Ogunyemi D. Gestational diabetes: Is there an optimal delivery time? Society for Maternal Fetal Medicine (SMFM) 38<sup>th</sup> Annual Pregnancy Meeting, Dallas, TX, January 29-February 3, 2018.

Garg G, **Yilmaz A**, \*Kumar P, **Turkoglu O**, Mutch DG, Powell MA, et al, [**Rosen B, Bahado-Singh RO, Graham SF**]. Targeted metabolomic profiling of low and high grade serous epithelial ovarian cancer tissues. ASMS Conference on Mass Spectrometry and Allied Topics, San Diego, CA, June 3-6, 2018.

**Graham SF**, Pan X, **Yilmaz A**, Macias S, Robinson A, Mann D, et al. Application of a routine targeted metabolomics methodology uncovers metabolite changes in the frontal lobe and striatum of patients with Huntington's disease. Alzheimer's Research UK, London, UK, March 20-21, 2018. ASMS Conference on Mass Spectrometry and Allied Topics, San Diego, CA, June 3-6, 2018.

**Graham SF**, Pan X, **Yilmaz A**, McGuinness B, Kehoe PG, Hölscher C, et al. Quantitative metabolomics profiling of brain tissue from people who suffered from mild and severe AD reveals distinct biochemical differences when compared to tissue harvested from non-cognitively impaired people. Alzheimer's Association International Conference, Chicago, IL, July 22-16, 2018.



## Obstetrical / Gynecological Services

### Abstracts with Associated Research Presentations: continued

**Graham SF, Yilmaz A, Pan X, Vishweswaraiah S, Holscher C, McGuinness B, et al, [Bahado-Singh RO, Radhakrishna U].** An integrated omics approach for the study of mild and severe Alzheimer's disease in post-mortem human brain. The Gerontological Society of America Annual Meeting, Boston, MA, November 14-18, 2018.

\*Hage N, \*Ogunyemi D, **Kim SK, Friedman P, Maki K, Forman E, et al, [Andrews-Johnson T].** A system-based multidisciplinary severe maternal morbidity committee review to teach residents and fellows the clinical learning environment review focus areas of patient safety and quality. 3<sup>rd</sup> Annual Michigan Summit on Quality Improvement and Patient Safety, Troy, MI, June 1, 2018. **Awarded: 2<sup>nd</sup> Best QI Poster Winner.**

Kant S, Prabhu A, Kesarwani P, \*Kumar P, **Graham SF, Chinnaiyan P.** Integrative metabolomic and genomic analysis identifies fatty acid oxidation as a metabolic node in glioblastoma. American Association for Cancer Research (AACR) Annual Meeting, Chicago, IL, April 14-18, 2018.

Kesarwani P, Prabhu A, Kant S, \*Kumar P, **Graham SF, Buelow K, et al.** Tryptophan metabolism contributes to radiation-induced immune checkpoint reactivation in glioblastoma. American Association for Cancer Research (AACR) Annual Meeting, Chicago, IL, April 14-18, 2018.

**Kim SK, Friedman P, \*Madan I, \*Auriolas A, Haltigin C, Awrow M, et al.** Term meconium stained amniotic fluid: Maternal and neonatal risks. Annual Clinical and Scientific Meeting, Austin, TX, April 27, 2018.

**Kim SK, Friedman P, \*Madan I, \*Jovanovski A, Dzubnar J, Gamsky S, et al.** Risk factors for postpartum hospital readmission. Society for Maternal Fetal Medicine (SMFM) 38<sup>th</sup> Annual Pregnancy Meeting, Dallas, TX, January 29-February 3, 2018.

**Kim SK, \*Papalekas E, Friedman P, \*Hage N, Zhao J, \*Ogunyemi D.** A system-based multidisciplinary severe maternal morbidity (SMM) committee review from a single facility. Society for Maternal Fetal Medicine (SMFM) 38<sup>th</sup> Annual Pregnancy Meeting, Dallas, TX, January 29-February 3, 2018.

\*Ogunyemi D, Clare C, Manu E, Astudillo Y, Marseille M, **Kim SK.** Microaggressions in the learning environment: A systematic review. Council on Resident Education in Obstetrics and Gynecology (CREOG) and Association of Professors of Gynecology and Obstetrics (APGO) Annual Meeting, National Harbor, MD, February 28-March 3, 2018.

**Radhakrishna U, Vishweswaraiah S, Sayed NM, Jhala DD, Ratnamala U.** Genome-wide DNA methylation profiles reveal novel canonical pathway genes associated with Hidradenitis suppurativa. 6<sup>th</sup> Annual Conference of the EHSF2017 European Hidradenitis Suppurativa Foundation e.V. Copenhagen, Denmark, February 8-10, 2018.

Ripoche A, **Yilmaz A, Gadaj A, Buckley T, Graham SF, Mooney MH.** Biofluid and tissue metabolic profiling by 1D 1H NMR spectroscopy highlighting exposure to emerging drugs of abuse. Metabolomics Conference, Seattle, WA, June 24-28, 2018.

## Obstetrical / Gynecological Services

### Abstracts with Associated Research Presentations: continued

Shah IM, **Ronk A**, \*Ogunyemi D. Attitudes and perceptions of healthcare providers regarding safe reduction of cesarean section. Annual Clinical Meeting (ACM) of the American College of Obstetricians and Gynecologists, Austin, TX, April 27-29, 2018.

Sonek J, **Bahado-Singh RO**, McKenna D, Cool D, Bjorndahl T, Han B, et al, [**Yilmaz A, Graham SF, Friedman P**]. Amniotic fluid metabolomics and targeted proteomics in prediction of preterm birth. AJOG. 2018;281(1):S432, 718. Society for Maternal Fetal Medicine 38<sup>th</sup> Annual Conference, Houston, TX, January 29-February 23, 2018.

**Taylor R, Friedman P, Kim SK**, Wozniak A, \*Jovanovski A, \*Ogunyemi D. Temporal and quantitative associations of electronic fetal monitoring with outcomes. Annual Clinical and Scientific Meeting, Austin, TX, April 27, 2018.

**Taylor R**, \*Ogunyemi D, **Maki K, Forman E, Andrews-Johnson T, Friedman P**, et al, [**Kim SK**]. Implementing TeamSTEPPS in a large obstetrical unit. 3<sup>rd</sup> Annual Michigan Summit on Quality Improvement and Patient Safety, Troy, MI, June 1, 2018.

**Turkoglu O**, Citil A, Katar C, Mert I, \*Kumar P, **Yilmaz A**, et al, [**Graham SF, Bahado-Singh RO**]. Metabolomic profiling for the identification of novel diagnostic biomarkers in ectopic pregnancy. 65<sup>th</sup> Annual Scientific Meeting, Society for Reproductive Investigation, San Diego, CA, March 6-10, 2018.

**Yilmaz A, Ugur Z**, Loeffler D, Aasly JO, Maddens M, **Bahado-Singh RO**, et al, [**Graham SF**]. Targeted metabolomic profiling of CSF uncovers previously unreported biomarkers of Parkinson's Disease. Metabolomics Conference, Seattle, WA, June 24-28, 2018.

# OPHTHALMOLOGY

## Peer-Reviewed Articles:

Abramson DH, **Folberg R**, Francis JH. Clinicopathologic correlation of choroidal invasion in retinoblastoma. *JAMA Ophthalmol*. 2018 Jun 14;136(6):e180940.

Akpek EK, Amescua G, Farid M, Garcia-Ferrer FJ, Lin A, Rhee MK, et al, [**Dunn SP**]. Dry eye syndrome preferred practice pattern®. *Ophthalmology*, published online October 23, 2018.

Alapati A, **Trese MT**. A retrospective analysis of the timing of initial treatment of bedside-screened versus photographically screened eyes with retinopathy of prematurity. *Ophthalmic Surg Lasers Imaging Retina*. 2018 Sep 1;49(9):e32-e35.

Amescua G, Akpek EK, Farid M, Garcia-Ferrer FJ, Lin A, Rhee MK, et al, [**Dunn SP**]. Blepharitis preferred practice pattern®. *Ophthalmology*, published online October 23, 2018.

**Capone A Jr**. Telemedicine making ROP screening and monitoring a viable reality. *Modern Retina/Ophthalmology*, published online January 8, 2018.

\*De la Huerta \*Yonekawa Y, \*Thomas BJ, **Capone A Jr**. A surgical technique for the management of tractional retinal detachment in aggressive posterior retinopathy of prematurity treated with intravitreal Bevacizumab. *Retina*, published online September 1, 2018.

Egan C, **Randhawa S**, Stewart JM, Liu Q, Hunyor AP, Kreiger A, et al. Peripapillary pachychoroid syndrome. *Retina*. 2018 Sep;38(9):1652-1667.

Farid M, Rhee MK, Akpek EK, Amescua G, Garcia-Ferrer FJ, Lin A, et al, [**Dunn SP**]. Corneal edema and opacification preferred practice pattern®. *Ophthalmology*, published online October 23, 2018.

Garcia-Ferrer FJ, Akpek EK, Amescua G, Farid M, Lin A, Rhee MK, et al, [**Dunn SP**]. Corneal ectasia preferred practice pattern®. *Ophthalmology*, published online October 23, 2018.

Gaynon MW, **Wood EH**, Powers MA, Sanislo SR. On the etiology of dome-shaped macula with serous retinal detachment (Correspondence). *Retina*. 2018 May;38(5):e36-e37.

**Hart JC Jr**, Tanner M, **Rooney DM**. Electron microscopy of silicone irrigation/aspiration tips involved in posterior capsule rupture. *J Cataract Refract Surg*. 2018 Dec;44(12):1517-1520.

Keenan TD, Agron E, Domalpally A, Celmons TE, van Sten F, Wong WT, et al, [**Hassan TS**, **Williams GA**]. Progression of geographic atrophy in age-related macular degeneration: AREDS 2 report number 16. *Ophthalmology*. 2018 Dec;125(12):1913-1928.

Lee IJ, **Koh JY**. Impact of clinicopathologic factors on survival in patients with sebaceous carcinoma of the eyelid: A population-based analysis. *Orbit*, published online October 29, 2018.

Li AS, **Capone A Jr**, **Trese MT**, Sears JE, Kychenthal A, \*De la Huerta, et al. Long-term outcomes of total exudative retinal detachments in stage 3b Coats Disease. *Ophthalmology* 2018 June;125(6):887-893.

# Ophthalmology

## Peer-Reviewed Articles: continued

Lin A, Rhee MK, Akpek EK, Amescua G, Farid M, Garcia-Ferrer FJ, et al, [Dunn SP]. Bacterial keratitis preferred practice pattern®. American Academy of Ophthalmology Preferred Practice Pattern Cornea and External Disease Panel. Ophthalmology, published online October 23, 2018. 2019 Jan;126(1):P1-P55. doi: 10.1016/j.ophtha.2018.10.018.

Powers M, **Wood E**, Erickson B, Singh K, Sanislo S, Kossler A. Orbital, eyelid, and nasopharyngeal silicone oil granuloma presenting as ptosis and pseudo-xanthelasma. Am J Ophthalmol Case Rep. 2018 May 14;11:45-48.

Rassi A, \*Todorich B, **Faia LJ, Trese MT, Drenser KA, Capone A Jr**. Congenital toxoplasmosis associated with tractional retinal detachment. Retina Cases Brief Rep, published online July 13, 2018.

\*Robinson J, \*Cheung AY, \*Nudleman E, **Trese MT, Capone A Jr, Drenser KA**, et al, [Williams GA]. Ocular hypertension in adults with a history of prematurity. Ophthalmology Retina. 2018 Jun;2:629-635.

Sanfillipo F, Powell D, **Folberg R**, Tykocinski M. Dealing with deans and academic medical center leadership: Advice from leaders. Acad Pathol. 2018 Apr 8;5: 2374289518765462.

Sawarynski KE, Baxa DM, **Folberg R**. Embarking on a journey of discovery: Transitional skillsets through a scholarly concentration program. Teach Learn Med. 2018 Sep 14:1-12.

Siegel D, **Siegel M, Siegel MJ**. MicroPulse diode transscleral cyclophotocoagulation lowers intraocular pressure in advanced glaucoma. Curr Trends Ophthalmol and Vis Sci, published online April 16, 2018.

Singer MA, Dugel PU, Fine HF, **Capone A Jr**. Real-world assessment of dexamethasone intravitreal implant in DME: Findings of the prospective, multicenter REINFORCE study. Ophthalmic Surg Lasers Imaging Retina 2018. Jun 1;49(6):425-435.

\*Stem MS, Moinuddin O, Kline N, \*Thanos A, \*Rao P, **Williams GA**, et al. Outcomes of anti-vascular endothelial growth factor treatment for choroidal neovascularization in fellow eyes of previously treated patients with neovascular age-related macular degeneration. JAMA Ophthalmol. 2018 Jul 1;136(7):820-823.

Stulting RD, Lass JH, Terry MA, Benetz BA, Cohen NJ, Ayala AR, et al, [Dunn SP, Gupta PC]. Factors associated with graft rejection in the cornea preservation time study. Cornea Preservation Time Study Group. Am J Ophthalmol. 2018 Dec;196:197-207.

Terry MA, Aldave AJ, Szczotka-Flynn LB, Liang W, Ayala AR, Maguire MG, et al, [Dunn SP]. Donor, recipient, and operative factors associated with graft success in the cornea preservation time study. Cornea Preservation Time Study Group. Ophthalmology. 2018 Nov;125(11):1700-1709.

## Ophthalmology

### Peer-Reviewed Articles: continued

\*Thanos A, \*Todorich B, \*Yonekawa Y, Papakostas TD, Khundkar T, Elliott D, et al, [**Dass AB, Williams GA, Capone A Jr, Faia LJ, Wolfe JD, Hassan TS, Ruby AJ**]. Dexamethasone intravitreal implant for the treatment of recalcitrant macular edema after rhegmatogenous retinal detachment repair. *Retina*. 2018 Jun; 38(6):1084-1090.

\*Todorich B, **Faia LJ**, \*Thanos A, Amin M, **Folberg R, Wolfe JD**, et al. Vancomycin-associated hemorrhagic occlusive retina vasculitis: A clinical pathophysiological analysis. *Am J Ophthalmol*. 2018 Apr;188:131-140.

\*Todorich B, \*Stem MS, **Hassan TS, Williams GA, Faia LJ**. Scleral transillumination with digital heads-up display: A novel technique for visualization during vitrectomy surgery. *Ophthalmic Surg Lasers Imaging Retina*. 2018 Jun 1;49(6):436-439.

\*Todorich BT, \*Stem M, Kooragayala K, \*Thanos A, **Faia LJ, Williams GA**, et al, [**Hassan TS, Wolfe, JD**]. Structural analysis and comprehensive surgical outcomes of the sutureless intrascleral fixation of secondary intraocular lenses in human eyes. *Retina*. 2018 Sept; 38 Suppl 1:S31-S40.

**Trese MGJ**, Lai Z, Gupta C. Isolated conjunctival lymphangioma. *Ophthalmology*. 2018 Oct;125(10):1507.

**Trese MGJ**, Price JM, Bohra L. Lipemia retinalis as the presenting sign of undiagnosed type 1 diabetes mellitus resulting in severe secondary hypertriglyceridemia. *J AAPPs*. 2018 Oct;22(5):405-407.

Varu DM, Rhee MK, Akpek EK, Amescua G, Farid M, Garcia-Ferrer FJ, et al, [**Dunn SP**]. Conjunctivitis preferred practice pattern®. American Academy of Ophthalmology Preferred Practice Pattern Cornea and External Disease Panel. *Ophthalmology*, 2019 Jan;126(1):P94-P169. doi: 10.1016/j.optha.2018.10.020.

Viti R, Marcellusi A, **Capone A Jr**, Matucci A. Vultaggio A, Pignata C, et al. Direct and indirect costs of immunoglobulin replacement therapy in patients with common variable immunodeficiency (CVID) and x-linked agammaglobulinemia (XLA) in Italy. *Clin Drug Investg*. 2018 Oct;38(10):955-965.

**Weiner AJ**, \*Rao P, **Williams GA**. Large traumatic retinal dialysis associated with prominent vitreous base avulsion. *Ophthalmic Surg Lasers Imaging Retina*. 2018;49(9):731.

**Weiner AJ**, Weiner Y, Severson, LM, Weiner A. Clinical experience with urgent tube shunt implantation through the ciliary sulcus in phakic eyes. *Int Ophthalmol*, published online February 9, 2018.

**Wood EH**, Hariprasad SM, **Drenser KA**. Genetic testing for retina specialists. *Ophthalmic Surg Lasers Imaging Retina*. 2018 May 1;49 (5): 292-295. doi:3928/23258160-20180501-01.

**Wood EH**, Kreymerman A, Sun Y, **Drenser KA, Trese MT**. Considerations for ophthalmic applications of optogenetics. *Acta Ophthalmol*. 2018 Dec;96(8):e1037.

## Ophthalmology

### Peer-Reviewed Articles: continued

**Wood EH**, \*Rao P, **Moysidis SN**, Dedania VS, Elman MJ, **Drenser KA**, et al. Fellow eye anti-VEGF “crunch” effect in retinopathy of prematurity. *Ophthalmic Surg Lasers Imaging Retina*. 2018 Sep 1;49(9):e102-e104.

**Wood E**, Whited R, Stone T, Isernhagen R, Wood W, Holcomb D, et al. PRN ranibizumab in the treatment of choroidal neovascularization secondary to ocular histoplasmosis. *Ophthalmic Surg Lasers Imaging Retina*. 2018 Jan 1;49(1):20-26.

\*Yonekawa Y, Wu WC, Nitulescu CE, Chan RVP, \*Thanos A, \*Thomas BJ, et al, [**Drenser KA**, **Tresse MT**, **Capone A Jr**]. Progressive retinal detachment in infants with retinopathy of prematurity treated with intravitreal Bevacizumab or Ranibizumab. *Retina*. 2018 Jun;38(6):1079-1083.

Yu JJ, Agron E, Clemons TE, Comalpally A, vanAsten F, Keenan TD, et al, [**Hassan TS**, **Williams GA**]. Natural history of drusenoid pigment epithelial detachment associated with age-related macular degeneration: Age-related eye disease study 2 report no. 17. *Ophthalmology*, published online August 22, 2018.

### Book Chapter or Full Book Publications:

Coupland S, **Folberg R**, Kivelä T, Prieto VG. Uveal melanoma. In: Elder DE, Massi D, Scolyer RA, Willemze R, editors. *WHO classification of skin tumours*. 4th ed. Lyon: International Agency for Research on Cancer, 2018. p.137-138.

Coupland S, **Folberg R**, Prieto VG, Zembowicz A. Conjunctival melanoma. In: Elder DE, Massi D, Scolyer RA, Willemze R, editors. *WHO classification of skin tumours* 4th ed. Lyon: International Agency for Research on Cancer, 2018. p.139-140.

Eberhart CG, Coupland SE, **Folberg R**, Margo C, Rao N. Conjunctival melanocytic intraepithelial neoplasia. In: Grossniklaus HE, Eberhart CG, Kivelä TT. *WHO classification of tumours of the eye*. 4<sup>th</sup> ed. [place unknown]: World Health Organization, 2018. p.31-33.

### Abstracts with Associated Research Presentations:

**Drenser KA**, **Trese MT**. The role of WNT-signaling in regenerative medicine ocular therapy. 51<sup>st</sup> Annual Retina Society Meeting, San Francisco, CA, September 12-15, 2018.

**Drenser KA**. Regenerative medicine WNT-signaling and retinal vascular disease Association for Research in Vision and Ophthalmology (ARVO), Honolulu, HI, April 29-May 3, 2018.

Ghiam BK, **Wood EH**, \*Thanos A, **Randhawa S**. CRB1 related retinal degeneration with novel mutations association for research in vision and ophthalmology. Association for Research in Vision and Ophthalmology (ARVO), Honolulu, HI, April 29-May 3, 2018.

## Ophthalmology

### **Abstracts with Associated Research Presentations:** continued

Jeng-Miller Karen, **Treese MT**. Multivariate analysis of widefield fluorescein angiography of fellow eye findings in Coats Disease. 51<sup>st</sup> Annual Retina Society Meeting, San Francisco, CA, September 12-15, 2018.

Li Albert, **Treese MT**. Long-term outcomes of total exudative retinal detachments in stage 3B Coats Disease. 51<sup>st</sup> Annual Retina Society Meeting, San Francisco, CA, September 12-15, 2018.

**Treese MT**. Noregen a developing regenerative therapeutic for retinal vascular disease. 51<sup>st</sup> Annual Retina Society Meeting, San Francisco, CA, September 12-15, 2018.

**Wood EH**, Kreymerman A, Eng V, **Randhawa S**. A new mitochondrial disease: 'MICHRED' mitochondrial disorder with intracranial calcification, renal disease, retinopathy, and deafness. Association for Research in Vision and Ophthalmology (ARVO), Honolulu, HI, April 29-May 3, 2018. Poster presented at:

**Wood E, Treese MT**. Restoring cellular ATP. 51<sup>st</sup> Annual Retina Society Meeting, San Francisco, CA, September 12-15, 2018.

\*Yonekawa Y, **Treese MT**. Widefield fluorescein angiography in short telomere associated retinopathy: A multicenter study. 51<sup>st</sup> Annual Retina Society Meeting, San Francisco, CA, September 12-15, 2018.

### **Invited Research Presentations:**

**Bakhsh SR, Reddy D, Truong B**, et al. Categorization of ophthalmologic patient demographics and common diagnoses encountered by Beaumont Ophthalmology Consultant Service. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

**Capone Jr A**. Telemedicine for ROP: Where do we stand? Aspen Retinal Detachment Society Meeting Management of Retinal Detachment in ROP Following Anti-VEGF, Snowmass, CO, March 3-7, 2018,

**Capone Jr A**. Diagnosis and management of the ocular features of Norrie's Disease. Norrie's Disease Meeting, Boston, MA, August 9-12, 2018.

**Capone Jr A**. Coordinator: 3D Surgery Video Session. Invited Speaker: Macular hole and vitreoretinal surgery (including intraoperative OCTA). European School for Advanced Studies in Ophthalmology (ESASO) Retina Academy Meeting, Warsaw, Poland, October 12-13, 2018.

**Capone Jr A**. Clinical features and management of "crunch" detachments following anti-VEGF treatment for ROP. American Academy of Ophthalmology Meeting, Chicago, IL, October 27-30, 2018.

## Ophthalmology

### Invited Research Presentations: continued

**Capone Jr A.** Instructor: Cases and clinical pearls: Advances in the management of pediatric vitreoretinal disorders. American Academy of Ophthalmology Meeting, Chicago, IL, October 27-30, 2018.

**Capone Jr A.** Instructor: Management of high-risk retinopathy of prematurity in the 21<sup>st</sup> century: Thermal-destructive vs. pharmacologic treatment. Instructor: Management of high-risk retinopathy of prematurity in the 21<sup>st</sup> century: Thermal-destructive vs. pharmacologic treatment. American Academy of Ophthalmology Meeting, Chicago, IL, October 27-30, 2018.

**Capone Jr A.** Instructor: Ophthalmic telemedicine. Retina Subspecialty Day. American Academy of Ophthalmology Meeting, Chicago, IL, October 27-30, 2018.

**Drenser KA.** Chairperson/Speaker: Pediatric retinal surgery. The 18<sup>th</sup> Congress of the European Society of Retina Specialists (EURETINA), Vienna, Austria, September 20-23, 2018.

**Drenser KA.** Management of high-risk retinopathy of prematurity in the 21<sup>st</sup> century: Thermal destructive vs. pharmacologic treatment. Ophthalmic telemedicine: Retinopathy of prematurity remote monitoring a new hardware and software. American Academy of Ophthalmology Annual Meeting, Chicago, IL, October 27-30, 2018.

**Dunn SP.** Factors associated with graft rejection in the corneal preservation time study. Cornea Society/Eye Bank Association of America (EBAA) Meeting, Chicago, IL, October 25-26, 2018.

**Dunn SP.** Symposium moderator: Jewel or junk: New corneal technologies, medications and surgical procedures. American Academy of Ophthalmology Annual Meeting, Chicago, IL, October 27-30, 2018.

**Dunn SP.** Corneal edema and opacification. American Academy of Ophthalmology Annual Meeting, Chicago, IL, October 27-30, 2018.

**Faia LJ.** Uveitis: Past, present, and future. Michigan Society of Eye Physicians and Surgeons. Mackinac Island, MI, August 2-4, 2018

**Faia LJ.** TB or not TB. 21<sup>ST</sup> Annual Club Vit Meeting, Sea Island, GA, June 27-30, 2018.

**Faia LJ.** Vitreous hemorrhage in pediatric uveitis. Association of Pediatric Retinal Surgeons, Cabo, Mexico, March 25-April 7, 2018.

**Folberg R.** The vasculogenic mimicry story. Department of Ophthalmology 100<sup>th</sup> Anniversary Congress, Hadassah-Hebrew University School of Medicine, Jerusalem, Israel, June 21, 2018.

**Hassan TS.** Moderator, Course Director, Organizer and Invited Guest Panelist. All Sessions for Program Days 1 and 2. American Society of Retinal Specialists 18<sup>th</sup> Annual Retina Fellows Forum, Chicago, IL, January 26-28, 2018.

**Hassan TS.** Management challenges in the treatment of diabetic retinopathy. American Society of Retinal Specialists 18<sup>th</sup> Annual Retina Fellows Forum, Chicago, IL, January 26-28, 2018.



## Ophthalmology

### Invited Research Presentations: continued

**Hassan TS.** Potentially unnecessary steps during retinal detachment repair. 37<sup>th</sup> Annual Squaw Valley Retinal Symposium, Lake Tahoe, CA, February 1-4, 2018.

**Hassan TS.** Intravitreal steroid use in the management of cystoid macular edema unrelated to diabetic macular edema or retinal vein occlusion. 37<sup>th</sup> Annual Squaw Valley Retinal Symposium, Lake Tahoe, CA, February 1-4, 2018.

**Hassan TS.** Current and future state of in office vitrectomy. 37<sup>th</sup> Annual Squaw Valley Retinal Symposium, Lake Tahoe, CA, February 1-4, 2018.

**Hassan TS.** Emerging techniques in the management of large and/or recurrent macular holes. 33<sup>rd</sup> Asia-Pacific Academy of Ophthalmology Congress and 29<sup>th</sup> Hong Kong Ophthalmological Symposium, Hong Kong, China, February 8-11, 2018.

**Hassan TS.** Medical retina expert panel: Challenging cases. 6<sup>th</sup> Annual Vit-Buckle Society, Miami, FL, March 22-24, 2018.

**Hassan TS.** World retina surgical panel. Surgical diabetic retinopathy panel. Challenging surgical cases panel. 43<sup>rd</sup> Congress of the Brazilian Retina and Vitreous Society, Foz Do Iguacu, Brazil, April 11-14, 2018.

**Hassan TS.** Management of recurrent macular holes. 43<sup>rd</sup> Congress of the Brazilian Retina and Vitreous Society, Foz Do Iguacu, Brazil, April 11-14, 2018.

**Hassan TS.** Is it necessary to peel ILM during retinal detachment repair? 43<sup>rd</sup> Congress of the Brazilian Retina and Vitreous Society, Foz Do Iguacu, Brazil, April 11-14, 2018.

**Hassan TS.** Is digitally assisted vitrectomy a toy or something that can help vitreoretinal surgery function better? BRUIN Surgical and Medical Meeting, Boston, MA, April 25, 2018.

**Hassan TS.** Outcomes of anti-VEGF therapy for CNV in fellow eyes of patients with wet AMD. 21<sup>st</sup> Annual Club Vit Meeting, Sea Island, GA, June 27-July 1, 2018.

**Hassan TS.** Recent trends in treatment for diabetic retinopathy. 21<sup>st</sup> Annual Club Vit Meeting, Sea Island, GA, June 27-July 1, 2018.

**Hassan, TS.** Socioeconomic changes in your practice: How will they affect what we do? 21<sup>st</sup> Annual Club Vit Meeting, Sea Island, GA, June 27-July 1, 2018.

**Hassan TS.** Vitreoretinal surgery rounds: The ARC experience. Invited Course Instructor. 36<sup>th</sup> Annual American Society of Retina Specialists (ASRS) Meeting, Vancouver, British Columbia, Canada, July 20-25, 2018.

**Hassan TS.** The ethics of retina: Also known as darn I cannot believe my colleague did (said) that. 36<sup>th</sup> Annual American Society of Retina Specialists (ASRS) Meeting, Vancouver, British Columbia, Canada, July 20-25, 2018.

## Ophthalmology

### Invited Research Presentations: continued

**Hassan TS.** RetinaTech: Bioengineering session: Improving instrument stiffness, particularly for 27-gauge forceps. 18<sup>th</sup> Euretina Congress, Vienna, Austria, September 20-23, 2018.

**Hassan TS.** Outcomes of anti-VEGF therapy for choroidal neovascularization in fellow eyes of previously treated neovascular age-related macular degeneration patients. 18<sup>th</sup> Euretina Congress, Vienna, Austria, September 20-23, 2018.

**Hassan TS.** Treatment of persistent hypotony in eyes with successfully treated proliferative vitreoretinopathy. American Academy of Ophthalmology Annual Meeting, Retina Subspecialty Day, Chicago, IL, October 26-30, 2018.

**Korot E, Keane P Kortum K, Antonetti DA.** Automated algorithmic analysis of OCT scans for vitreous hyperreflective foci in patients with retinal vein occlusion. Association for Research in Vision and Ophthalmology Annual Meeting, Honolulu, HI, April 29-May 3, 2018.

**Mahmoud T.** Course and panel director ARC vitreoretinal surgical course. Moderator of macular holes and myopic maculopathy sessions. European Vitreoretinal Society Meeting, Prague, Czech Republic, August 30-September 2, 2018.

**Mahmoud T.** Autologous retinal transplant for macular diseases. Chair: Invited video symposium of challenging retinal surgery cases. World Ophthalmology Congress. American Society of Retinal Specialists, Barcelona, Spain, June 16-19, 2018.

**Mahmoud T.** Retracting ILM door for myopic macular holes. Moderator: Surgical retina panel: Autologous retinal transplant updates. 43<sup>rd</sup> Congress of the Brazilian Retina and Vitreous Society, Iguassu Falls, Brazil, April 11-14, 2018.

**Mahmoud T.** Submacular air for subretinal hemorrhage. The US study. Autologous retinal transplant for macular holes. Autologous retinal transplant for macular diseases. Retracting door ILM for myopic macular holes. Frankfurt Retina Meeting, Frankfurt, Germany, March 13-15, 2018.

**Mikhail M, Bakhsh SR, \*Thanos A, Moinuddin O, \*Stem M, Williams GA.** Rhegmatogenous retinal detachments and retinal tears in adult retinopathy of prematurity. Association for Research in Vision and Ophthalmology Annual Meeting, Honolulu, HI, April 29-May 3, 2018.

**Randhawa S.** Peripapillary choroidal lesion. Great Lakes Retina Study Club, Livonia, MI, January 29, 2018

**Randhawa S.** Multifocal unilateral choroidal lesions: Case presentation. American Society of Retinal Specialists Pacific Retina Club, San Francisco, CA, April 21, 2018.

**Randhawa S.** Low grade choroidal lymphoma. Great Lakes Retina Study Club, Livonia, MI, April 30, 2018.

\*Wood EH, **Randhawa S**, et al. Retina future survey: Paper on demand. American Society of Retinal Specialists Meeting, Vancouver, Canada, July 20, 2018.

## Ophthalmology

### Invited Research Presentations: continued

**Ruby A.** Management of suprachoroidal hemorrhage. Telluride Retina Film Festival Telluride, CO, March 14-16, 2018.

**Ruby A.** Risk factors post injection endophthalmitis. 21st Annual Club Vit Meeting Sea Island, GA, June 27-30, 2018.

**Trese M.** Regenerative medicine WNT signaling and retinal vascular disease. Special Interest Group, Association for Research in Vision and Ophthalmology, Honolulu, HI, April 29-May 3, 2018.

**Trese M.** Retinopathy of prematurity: The path to current management. Michigan Society of Eye Physicians and Surgeons, Mackinac City, MI, August 2-4, 2018.

**Trese M.** FEVR pediatric retinal surgery. European Society of Retinal Specialists (EuRetina), Vienna, Austria, September 20-23, 2018.

**Trese M.** How we got where we are today: The essentials and back story. 28<sup>th</sup> Annual Washington Retina Symposium, Washington DC, October 6, 2018

**Trese M.** Management of high-risk retinopathy of prematurity in the 21<sup>st</sup> Century: Thermal destructive vs. pharmacologic treatment: Ophthalmic Telemedicine. Applicability of telemedicine in ophthalmology. Telemedicine in retinopathy of prematurity. Telemedicine in diabetic retinopathy. American Academy of Ophthalmology Annual Meeting, Chicago, IL, October 27-30, 2018.

**Trese MGJ.** Evaluation of ophthalmology consultations at a suburban tertiary care center using a telemedicine approach. Michigan Society of Eye Physicians and Surgeons 50<sup>th</sup> Annual Conference, Mackinaw, MI, August 2-4, 2018.

**Trese MGJ.** Revisiting Timolol's mechanism of action to understand individual variation in drug response. American Academy of Ophthalmology, Glaucoma Original Paper Session, Chicago, IL, October 27-30, 2018.

**Trese M.** Treatment of pediatric retinal disease. 43<sup>rd</sup> Annual Meeting of Japanese Association of Pediatric Ophthalmology, Nagoya, Japan March 2-3, 2018.

**Trese M.** A new fluorescein angiographic sign LAPPEL that predicts capillary drop out in retinal vein occlusion. Club Jules Gonin Meeting, Jersey Channel Islands, Great Britain, July 2018.

**Trese M.** WNT signaling and retinal vascular disease. William S. Gilbert Pediatric Retina Visiting Professorship. Children's National Health System, Invited Visiting Professorship Children's Hospital, Grand Rounds and Journal Club, Washington, DC, October 2018.

**Weiner AJ, Page T, Nachazel A.** Resident/fellow involvement in CAR submissions. Council Advisory Recommendation. American Academy of Ophthalmology Mid-Year Forum Council Meeting, Washington, DC, April 28, 2018.

## Ophthalmology

### Invited Research Presentations: continued

**Williams GA.** OMIC discussion: Malpractice related to EMRs. 20<sup>th</sup> Annual American Society of Retinal Specialists (ASRS) Business of Retina Meeting, Dallas, TX, March 10-11, 2018.

**Williams GA.** Medicare and ophthalmology in 2018 and beyond initial retinal studies in iris, the tip of the iceberg, Visiting Professor, Ophthalmology Clinical Conference, University of Iowa Clinical Conference, Iowa City, IA, February 2, 2018.

**Williams GA.** Expert discussant: The business of retina. American Academy of Ophthalmology, Chicago, IL, October 27-30, 2018.

**Williams GA.** Council Opening Session: Drugs: What's next? American Academy of Ophthalmology, Chicago, IL, October 27-30, 2018.

**Williams GA.** Council Subspecialty/Specialized Interest Section Meeting: Prior authorization and step therapy: Where we stand. American Academy of Ophthalmology, Chicago, IL, October 27-30, 2018.

**Williams GA.** Instructor: Systemic therapeutic agents and retinal toxicity. American Academy of Ophthalmology, Chicago, IL, October 27-30, 2018.

**Williams GA.** Why take the risk: Effective risk management strategy with patient education and informed consent. American Academy of Ophthalmology, Chicago, IL, October 27-30, 2018.

**Williams GA.** Instructor: Current management of diabetic retinopathy and future directions. American Academy of Ophthalmology, Chicago, IL, October 27-30, 2018.

**Wolfe JD.** Peripheral retinal findings in macular telangiectasia type 2 using widefield fluorescein angiography. American Academy of Ophthalmology, Chicago, IL, October 27-30, 2018.

# ORTHOPAEDIC SURGERY

## Peer-Reviewed Articles:

Beall DP, Chambers MR, Thomas S, Amburgy J, Webb JR Jr, **Easton RW**, et al. Prospective and multicenter evaluation of outcomes for quality of life and activities of daily living for balloon kyphoplasty in the treatment of vertebral compression fractures: The EVOLVE Trial. Neurosurgery, published on-line, March 14, 2018.

\*Chae J, **Siljander MP, Wiater JM**. Instability in reverse total shoulder arthroplasty. J Am Acad Ortho Surg. 2018 Sep 1;26(17):587-96.

Coustry F, Posey KL, \*Maerz T, **Baker KC**, Abraham AM, Ambrose CG, et al, [**Newton M**]. Mutant cartilage oligomeric matrix protein (COMP) compromises bone integrity joint function and the balance between adipogenesis and osteogenesis. Matrix Biol. 2018 Apr;67:75-89.

**Daley E, Kurdziel MD, Koueiter D, Moore DD**. Characterization of doxycycline-loaded calcium phosphate cement: Implications for treatment of aneurysmal bone cysts. J Mater Sci Mater Med. 2018 Jul 10;29(7):109.

**Fahs AM, Kouetier DM, Kurdziel MD**, Huynh KA, \*Perry CR, **Verner JJ**. Psoas compartment block vs. periarticular local anesthetic infiltration for pain management after anterior total hip arthroplasty: A prospective, randomized study. J Arthroplasty. 2018 Jul;33(7):2192-96.

**Fischgrund JS**, Rhyne A, Franke J, Sasso R, Kitchel S, Bae H, et al. Intraosseous basivertebral nerve ablation for the treatment of chronic low back pain: A prospective randomized double-blind sham-controlled multi-center study. Eur Spine J. 2018 May; 27(5):1146-56.

Freudenberger DC, **Baker EA, Siljander MP, Rohde RS**. Factors driving patient perception of quality care after primary total hip and total knee arthroplasty. J Am Acad Ortho Surg Glob Res Rev. 2018 Nov8;2(11):e061.

Grammatopoulos G, Beaulé PE, Pascual-Garrido C, Nepple JJ, ANCHOR Group, Clohisy JC, et al, [**Zaltz I**]. Does severity of acetabular dysplasia influence clinical outcomes after periacetabular osteotomy? A case-control study. J Arthroplasty. 2018 Jul;33(7S):S66-S70.

**Grant KD**, \*Busse EC, **Park DK, Baker KC**. Reply to the letter to the editor: Internal fixation of osteoporotic bone. J Am Acad Orthop Surg. 2018 Sep 15;26(18):e395.

**Grant KD**, \*Busse EC, **Park DK, Baker KC**. Internal fixation of osteoporotic bone. J Am Acad Orthop Surg. 2018 Mar 1;26(5):166-74.

Henrichsen JL, Wilhelm SK, **Siljander MP, Kalma JJ, Karadsheh MS**. Treatment of patella fractures. Orthopedics. 2018 Nov 1;41(6):e747-e755.

\*Ho A, **Kurdziel MD, Koueiter DM, Wiater JM**. Three-dimensional computed tomography measurement accuracy of varying Hill-Sachs lesion size. J Shoulder Elbow Surg. 2018 Feb;27(2):350-56.

## Orthopaedic Surgery

### Peer-Reviewed Articles: continued

Jacobs CA, Peabody MR, Duncan ST, Muchow RD, Nunley RM; ANCHOR Group, et al, [Zaltz I]. Development of the HOOS Global to assess patient-reported outcomes in patients undergoing hip preservation procedures. *Am J Sports Med.* 2018 Mar;46(4):940-46.

**Khalil JG, Gandhi SD, Park DK, Fischgrund JS.** Cutibacterium acnes in spine pathology: Pathophysiology, diagnosis and management. *J Am Acad Orthop Surg*, published online December 4, 2018.

**Kurdziel MD, \*Davidson A, \*Ross D, Seta J, Doshi S, Baker KC, et al.** Biomechanical properties of the repaired and non-repaired rat supraspinatus tendon in the acute postoperative period. *Connect Tissue Res*, published online July 10, 2018.

**Kurdziel MD, Newton MD, Hartner S, Baker KC, Wiater JM.** Quantitative evaluation of retrieved reverse total shoulder arthroplasty surface deviation and volumetric wear. *J Ortho Res.* 2018 Jul;36(7):2007-14.

\*Lilly RJ, **Kouetier DM, \*Graner KC, Nowinski GP, Sadowski J, Grant KD.** Computer-assisted navigation for intramedullary nail fixation of intertrochanteric femur fractures: A randomized controlled trial. *Injury.* 2018 Feb;49(2):345-50.

\*Lilly R, **Siljander MP, Koueiter DM, Verner JJ.** Day of surgery affects length of hospitalization for patients undergoing total joint arthroplasty discharged to extended care facilities. *Orthopedics.* 2018 Mar 1;41(2):82-86.

\*Loy BN, \*Zimel M, \*Gowda AL, Tooley TR, \*Maerz T, **Bicos J, et al, [Guettler J].** A biomechanical and structural comparison of articular cartilage and subchondral bone of the glenoid and humeral head. *Ortho J Sports Med.* 2018 Jul 20;(7): 2325967118785854.

\*Maerz T, **Newton M, \*Marek AA, \*Planalp M, Baker KC.** Dynamic adaptation of the vertebral endplate and trabecular bone following annular injury in a rat model of degenerative disc disease. *Spine J.* 2018 Nov;18(11):2091-2101.

\*Maerz T, Sherman E, **Newton MD, Yilmaz A, Kumar P, Graham SF, et al, [Baker KC].** Metabolomic serum profiling after ACL injury in rats: A pilot study implicating inflammation and immune dysregulation in post-traumatic osteoarthritis. *J Orthop Res.* 2018 Jul;36(7):1969-79.

**Moore DD, Baker KC, Baker EA, Fleischer MM, Newton MD, Barreras N, et al, [Vaupel ZM, Fortin PT].** Effect of bisphosphonate pretreatment on fresh osteochondral allografts: Analysis of in vitro graft structure and in vivo osseous incorporation. *Orthopedics.* 2018 May 1;1(3):e376-e382.

Mulpuri K, Schaeffer EK, Graham HK, Kocher MS, Sanders J, **Zaltz I.** Evidence-based recommendations for pediatric orthopaedic practice. *J Pediatr Orthop.* 2018 Apr;38(4):e225-e229.

Mulpuri K, Schaeffer EK, Sanders J, **Zaltz I, Kocher MS.** Evidence-based recommendations for pediatric orthopaedic practice. *J Pediatr Orthop.* 2018 Oct;38(9): e551-55.

## Orthopaedic Surgery

### Peer-Reviewed Articles: continued

**Newton MD, Hartner SE**, Gawronski K, Davenport EJ, Timmons SC, **Baker KC**, et al. Nondestructive indirect assessment of the biomechanical properties of the rat intervertebral disc using contrast-enhanced  $\mu$ CT. *J Ortho Res.* 2018 Jul;36(7):2030-2038.

**Newton MD, Hartner SE**, Gawronski K, \*Maerz T. Error introduced by common reorientation algorithms in the assessment of rodent trabecular morphometry using micro-computed tomography. *J Orthop Res.* 2018 Oct;36(10):2762-2770.

\*Pangrazzi GJ, **Baker EA**, Shaheen PJ, \*Okeagu CN, **Fortin PT**. Single-surgeon experience and complications of a fixed-bearing total ankle arthroplasty. *Foot Ankle Int.* 2018 Jan;39(1):46-58.

\*Perry CR Jr, **Fahs AM, Kurdziel MD, Koueiter DM**, Fayne RJ, **Verner JJ**. Intraoperative psoas compartment block vs. preoperative fascia iliaca block for pain control after direct anterior total hip arthroplasty: A randomized controlled trial. *J Arthroplasty.* 2018 Jun;33(6):1770-74.

\*Ricart PH, **Gandhi SD**, \*Geisinger J, **Baker KC, Park DK**. Clinical and CT analysis of lumbar spine arthrodesis: B-tricalcium phosphate versus demineralized bone matrix. *J Am Acad Orthop Surg Glob Res Rev.* 2018 Sep 12;2(9):e024.

Sankar WN, Novais E, **Koueiter DM**, Refakis C, Sink E, Millis MB, et al, [**Zaltz I**]. Analysis of femoral version in patients undergoing periacetabular osteotomy for symptomatic acetabular dysplasia. *J Am Acad Orthop Surg.* 2018 Aug 1;26(15):545-51.

**Siljander MP, Baker EA, Baker KC**, \*Salisbury MR, **Thor CC, Verner JJ**. Fretting and corrosion damage in retrieved metal-on-polyethylene modular total hip arthroplasty systems: What is the importance of femoral head size? *J Arthroplasty.* 2018 Mar;33(3):931-38.

**Siljander MP, Sobh AH, Baker KC, Baker EA, Kaplan L**. Multi-drug resistant organisms in the setting of periprosthetic joint infection: Diagnosis, prevention and treatment. *J Arthroplasty.* 2018 Jan;33(1):185-94.

**Siljander MP, Koueiter DM, Gandhi S, Wiater BP, Wiater PJ**. Outcomes following low-profile mesh plate osteosynthesis of patella fractures. *J Knee Surg.* 2018 Oct;31(9):919-26.

**Siljander MP**, McQuivey KS, **Fahs AM, Galasso LA**, Serdahely KJ, **Karadsheh MS**. Current trends in patient-reported outcome measures in total joint arthroplasty: A study of 4 major orthopaedic journals. *J Arthroplasty.* 2018 Nov;33(11):3416-3421.

Simha S, \*Shields EJW, **Wiater JM**. Periprosthetic infections of the shoulder. *JBJS Rev.* 2018 Sep;6(9):e6.

**Sobh AH**, \*Brown L, **Moore DD**. Intramuscular hemangioma after total hip arthroplasty: An iatrogenic etiology. *Arthroplast Today.* 2018 Dec;4(4):417-20.

**Sobh AH, Koueiter DM, Mells A, Siljander MP, Karadsheh MS**. The role of aspirin and unfractionated heparin combination therapy immediately after total hip and knee arthroplasty. *Orthopedics.* 2018 May 1;41(3):171-76.

## Orthopaedic Surgery

### Peer-Reviewed Articles: continued

**Sobh AH, Siljander MP, Mells AJ, Koueiter DM, Moore DD, Karadsheh MS.** Cost analysis, complications and discharge disposition associated with simultaneous vs. staged bilateral total knee arthroplasty. *J Arthroplasty*. 2018 Feb;33(2):320-23.

Wilhelm SK, Henrichsen JL, **Siljander MP, Moore DD, Karadsheh MS.** Polyethylene in total knee arthroplasty: Where are we now? *J Ortho Surg (Hong Kong)*. 2018 May-Aug;26(3):2309499018808356.

### Book Chapter or Full Book Publications:

**Easton RW.** Failed back surgery syndrome: Historical perspective. In: Garfin SR, Eismont FV, Bell GR, **Fischgrund JS**, Bono CM, eds. *Rothman-Simeone and Herkowitz's the Spine*. 7th ed. Philadelphia: Elsevier, 2018. p.1851-1863.

**Fischgrund JS**, Yang J. Diagnosis and treatment of atlantoaxial instability In: Ni B, Gno X, Guo Q, editors. *Atlantoaxial fixation techniques*. Translational Medicine Research. Singapore: Springer, 2018. p.19-32.

**Park D, Khalil JG, Planalp M.** Nonoperative management of disc and degenerative disorders. In: Garfin SR, Eismont FV, Bell GR, **Fischgrund JS**, Bono CM, eds. *Rothman-Simeone and Herkowitz's the Spine*. 7th ed. Philadelphia: Elsevier, 2018. p.705-713.

**Montgomery DM.** Adjacent-Segment disease. In: Garfin SR, Eismont FV, Bell GR, **Fischgrund JS**, Bono CM, eds. *Rothman-Simeone and Herkowitz's the Spine*. 7th ed. Philadelphia: Elsevier, 2018. p. 1839-1849.

### Abstracts with Associated Research Presentations:

**Baker EA, Gehrke C, Siljander M, Wright J, Powell K, Fleischer MM**, et al, [**Hartner SE, Newton M, Fortin P**]. Antibacterial and osseointegrative efficacy of titania nanotube surfaces. Orthopaedic Research Society Annual Meeting, New Orleans, LA, March 10-13, 2018.

**Baker KC**, \*Geisinger J, \*Jones CI, **Roberts RV**, \*Salisbury M, **Fleischer MM**, et al, [**Fischgrund JS, Park DK**]. Enhancement of bone formation and interbody fusion via stem cell mobilization in a sheep model of anterior cervical discectomy and fusion. Orthopaedic Research Society Annual Meeting, New Orleans, LA, March 10-13, 2018.

Blood D, **Bicos J, Baker KC.** Hip labral tear diagnosis trends 2007-2016. Annual Meeting of the Michigan Orthopaedic Society, Mackinac Island, MI, June 22-24, 2018.

**Daley E, Nahm NJ, Koueiter DM, Zaltz I.** Do compensatory anterior pelvic tilt and lordosis decrease following bilateral periacetabular osteotomy? Orthopaedic Research Society Annual Meeting, New Orleans, LA, March 10-13, 2018.



## Orthopaedic Surgery

### Abstracts with Associated Research Presentations: continued

**Fahs A, Koueiter DM, \*Perry CR, Kurdziel MD, Verner JJ.** Psoas compartment block versus periarticular local anesthetic infiltration for pain management for total hip arthroplasty: A prospective, randomized study. Orthopaedic Research Society Annual Meeting, New Orleans, LA, March 10-13, 2018.

**Fischgrund JS.** What drives patient satisfaction? Lumbar Spine Research Society, Chicago, IL, April 4-6, 2018.

**Fischgrund JS.** Two-year outcomes of patients treated with BVN ablation for the relief of chronic low back pain: Results of the SMART Trial. North American Spine Society Annual Meeting, Los Angeles, CA, September 24-29, 2018.

**Fleischer MM, Newton MD, Hartner SE, \*Salisbury M, Bush CJ, Altman P, et al, [Luczak SB, Baker KC].** ACL rupture-induced intra-articular recruitment of peripheral blood mobilized stem cells is CXCR4 dependent. Orthopaedic Research Society Annual Meeting, New Orleans, LA, March 10-13, 2018. Annual Meeting of the Michigan Orthopaedic Society, Mackinac Island, MI, June 22-24, 2018.

**Gandhi SD, Baker KC.** In situ tissue engineering approach to intervertebral disc regeneration. Annual Meeting of the Cervical Spine Research Society, Phoenix, AZ, December 6-8, 2018.

**Gandhi SD, Cross J, Hsu M, Peterson C, Park DK.** Effect of perioperative medication and patient factors in postoperative urinary retention after elective spine surgery. Annual Meeting of the Lumbar Spine Research Society, Chicago, IL, April 4-6, 2018.

**Gandhi SD, Fleischer MM, Newton MD, Hartner SE, Possley DR, Fahs A, et al, [Baker KC].** Peripheral blood mobilization of marrow-derived stem cells to enhance bone formation and lumbar fusion. Annual Meeting of the Cervical Spine Research Society, Phoenix, AZ, December 6-8, 2018.

**Gandhi SD, Hsu M, Peterson JC, Chowdhary K, Park DK.** Effect of perioperative medication and patient factors in postoperative urinary retention after elective spine surgery. Annual Meeting of the Michigan Orthopaedic Society, Mackinac Island, MI, June 22-24, 2018.

**Gandhi SD, Newton MD, Fleischer MM, \*Salisbury M, Hartner S, Fischgrund JS, et al, [Baker KC].** Recruitment of mesenchymal stem cells to the intervertebral disc via local chemokine delivery from an injectable hydrogel. Annual Meeting of the Michigan Orthopaedic Society, Mackinac Island, MI, June 22-24, 2018.

**\*Geisinger J, \*Jones C, \*Salisbury M, Baker EA, \*Maerz T, Fischgrund JS, et al, [Park DK, Baker KC].** Effect of local delivery of SDF-1 $\beta$  and postoperative stem cell mobilization on bone formation and interbody fusion in an ovine model. Orthopaedic Research Society Annual Meeting, New Orleans, LA, March 10-13, 2018.

## Orthopaedic Surgery

### Abstracts with Associated Research Presentations: continued

**Hartner SE, Newton MD, Fleischer MM, Baker KC, \*Maerz T.** Acute patellofemoral cartilage hypertrophy subchondral bone loss and trabecular bone remodeling after anterior cruciate ligament rupture. Orthopaedic Research Society Annual Meeting, New Orleans, LA, March 10-13, 2018.

**Khalil JG, Zakaria HM, Possley D, Park DK, Chang V.** Age is not a significant predictor of adverse events after cervical spine surgery: Analysis from the Michigan Spine Surgery Improvement Collaborative (MSSIC). Annual Meeting of the Cervical Spine Research Society, Phoenix, AZ, December 6-8, 2018.

\*Lilly RJ, **Koueiter DM, \*Graner KC, Sadowski JB, Nowinski GP, Grant KD.** Computer-assisted navigation for intramedullary nail fixation of intertrochanteric femur fractures. Orthopaedic Research Society Annual Meeting, New Orleans, LA, March 10-13, 2018.

**Linkous N, Acker W, Bicos J, Guettler J.** The proximal biceps tendon and anterior shoulder pain. Annual Meeting of the Michigan Orthopaedic Society, Mackinac Island, MI, June 22-24, 2018.

Lipphardt M, **Easton R, Pestano C.** Urinary retention: Incidence and impact on length of stay following spine surgery. American College of Physicians: Michigan Chapter's Medical Student Day, Sterling Heights, MI, May 4, 2018.

Lipphardt M, **Easton R, Pestano C.** Post-operative urinary retention: Incidence and significant associations in spine surgery patients. 16<sup>th</sup> Annual American Medical Association Research Symposium, National Harbor, MD. November 9, 2018.

**Lombardo DJ, Siljander M, Gehrke C, Moore DD, Karadsheh M, Baker EA.** Fretting and corrosion damage in retrieved dual mobility total hip arthroplasty. Annual Meeting of the Michigan Orthopaedic Society, Mackinac Island, MI, June 22-24, 2018.

\*Loy BN, **Koueiter DM, \*Okeagu C, \*Saad MA, Newton MD, Kurdziel MD, et al, [Wiater PJ].** Novel technique for tibiofibular syndesmotic fixation: A biomechanical comparative study. Orthopaedic Research Society Annual Meeting, New Orleans, LA, March 10-13, 2018.

**Lubbe R, Jakus A, Driscoll A, Haleem M, Chang K, \*Maerz T, et al, [Baker KC].** Hyperelastic bone composite scaffolds for de novo bone formation: Composition matters. Annual Meeting of the Lumbar Spine Research Society, Chicago, IL, April 4-6, 2018.

\*Maerz T, **Newton MD, Fleischer MM, Hartner SE, Gawronski K, Baker KC.** Anterior cruciate ligament rupture is associated with acutely decreased bone anabolism and increased bone catabolism. Orthopaedic Research Society Annual Meeting, New Orleans, LA, March 10-13, 2018.

**Newton M, Gandhi S, Fleischer M, \*Salisbury M, Hartner S, Baker KC.** Recruitment of mesenchymal stem cells to the intervertebral disc via local chemokine delivery from an injectable hydrogel. Orthopaedic Research Society Annual Meeting, New Orleans, LA, March 10-13, 2018.

## Orthopaedic Surgery

### Abstracts with Associated Research Presentations: continued

**Osborne JD, Bush CJ, Koueiter DM, Wiater JM.** Length of stay in total shoulder arthroplasty: Does day of surgery matter? Annual Meeting of the Michigan Orthopaedic Society, Mackinac Island, MI, June 22-24, 2018.

**Park KW, Henrichsen JL, Siljander MP, Baker EA, Flierl MA.** Rate and risk factors of culture-negative periprosthetic joint infections. Annual Meeting of the Michigan Orthopaedic Society, Mackinac Island, MI, June 22-24, 2018.

**Park KW, Lamping JW, Kurdziel MD, Moore DD.** A novel classification of heterotopic ossification around femoral endoprostheses. Annual Meeting of the Michigan Orthopaedic Society, Mackinac Island, MI, June 22-24, 2018.

Schnitzer TJ, **Easton R**, Pang S, Levinson D, Pixton G, Viktrup L, et al. Efficacy and safety of subcutaneous tanezumab for the treatment of osteoarthritis of the hip or knee. American College of Rheumatology Annual Meeting, Chicago, IL, October 19-24, 2018.

\*Shields EJ, \*Vara AD, **Koueiter DM**, \*Maerz T, Schwark A, **Wiater JM.** Previous rotator cuff repair is associated with inferior clinical outcomes after reverse-total shoulder arthroplasty. Orthopaedic Research Society Annual Meeting, New Orleans, LA, March 10-13, 2018.

**Siljander M, Baker EA, Baker KC, Kaplan L.** Unicompartamental knee arthroplasty damage modes and chondrocyte inflammatory response. Orthopaedic Research Society Annual Meeting, New Orleans, LA, March 10-13, 2018.

**Siljander M, Cross J, Koueiter DM, Sobh A, Moore DD, Karadsheh M.** Coexisting hip and knee arthritis: Should total hip or total knee arthroplasty be done first? Annual Meeting of the Michigan Orthopaedic Society, Mackinac Island, MI, June 22-24, 2018.

**Siljander M, Cross J, \*Lilly R, Baker KC, Coffey M, Verner JJ.** Primary total hip arthroplasty instability following lumbosacral fusion: What are the risk factors? Annual Meeting of the American Association of Hip and Knee Surgeons, Dallas, TX, November 1-3, 2018.

**Siljander M, Cross J, \*Lilly R, Kurdziel MD, Baker KC, Coffey M.** Primary total hip arthroplasty instability following lumbosacral fusion: What are the risk factors? Annual Meeting of the Michigan Orthopaedic Society, Mackinac Island, MI, June 22-24, 2018.

**Siljander M, Thor C, Baker EA, Baker KC, Verner JJ.** Corrosion and fretting of taper interfaces in total hip arthroplasty: What is the effect of head size? Orthopaedic Research Society Annual Meeting, New Orleans, LA, March 10-13, 2018.

**Siljander M, Sobh A, Gehrke C, Wheeler S, Flierl MA, Moore DD, et al, [Baker EA].** Does taper design affect taper fretting corrosion in ceramic on polyethylene total hip arthroplasty? A retrieval analysis. Annual Meeting of the American Association of Hip and Knee Surgeons, Dallas, TX, November 1-3, 2018.

## Orthopaedic Surgery

### Abstracts with Associated Research Presentations: continued

**Siljander M, Whaley J, Koueiter DM, Karadsheh M.** Length of stay, discharge disposition and 90-day complications and revisions following primary total hip arthroplasty: A surgical approach-based analysis. Annual Meeting of the American Association of Hip and Knee Surgeons, Dallas, TX, November 1-3, 2018.

**Siljander M, Wright JO, Baker EA, Gehrke C, Powell K, Fleischer MM, et al, [Hartner S, Newton MD, Fortin PT].** Antibacterial and osseointegrative efficacy of titania nanotube surfaces. Annual Meeting of the Michigan Orthopaedic Society, Mackinac Island, MI, June 22-24, 2018.

**Sobh AH, Koueiter DM, Mells A, Karadsheh M, Siljander M.** The role of aspirin and unfractionated heparin combination therapy immediately after total hip and knee arthroplasty. Annual Meeting of the Michigan Orthopaedic Society, Mackinac Island, MI, June 22-24, 2018.

**Sobh AH, Mells A, Moore DD, Koueiter DM, Karadsheh M, Siljander M.** Cost-analysis and complications associated with simultaneous versus staged bilateral total knee arthroplasty. Annual Meeting of the Michigan Orthopaedic Society, Mackinac Island, MI, June 22-24, 2018.

\*Vara AD, **Koueiter DM**, \*Pinkas D, \*Gowda AL, **Wiater BP, Wiater JM.** Intravenous tranexamic acid reduces blood loss in reverse total shoulder arthroplasty: A prospective, double-blinded, randomized controlled trial. Orthopaedic Research Society Annual Meeting, New Orleans, LA, March 10-13, 2018.

**Wright J, Kalma J, Koueiter DM, Wiater JM, Wiater BP.** Outcomes of uncemented reverse total shoulder arthroplasty as initial treatment for comminuted proximal humerus fracture. Annual Meeting of the Michigan Orthopaedic Society, Mackinac Island, MI, June 22-24, 2018.

\*Wu J, **Daley E**, \*Lilly R, \*Vara A, **Koueiter DM, Settecerci J.** Outcomes of resident reductions for pediatric both bone forearm fractures relative to the academic calendar: A 6-year retrospective study. Annual Meeting of the Michigan Orthopaedic Society, Mackinac Island, MI, June 22-24, 2018.

\*Wu JC, **Koueiter DM**, \*Maerz T, **Wiater JM, Anderson KA.** Complication rates and efficacy of single-injection versus continuous interscalene nerve block: A prospective evaluation following primary rotator cuff repair. Orthopaedic Research Society Annual Meeting, New Orleans, LA, March 10-13, 2018.

### Invited Research Presentations:

**Baker KC.** Stem cell trafficking in post-traumatic osteoarthritis: Pathology and promise. Oakland University Physics Colloquium, Rochester, MI, November 2018. Henry Ford Hospital Bone and Joint Center, Detroit, MI, December 2018.

**Baker KC.** Applications of polymeric materials in orthopaedic surgery. Society of Plastics Engineers, Detroit Chapter, Troy, MI, May 2018.

## Orthopaedic Surgery

### Invited Research Presentations: continued

**Baker KC.** Update on the basic science of degenerative disc disease. Instructional Course Lecture, Lumbar Spine Research Society, Chicago, IL, April 4-6, 2018.

**Fischgrund JS.** Spine deformity. Sun Yat-sen Memorial Hospital, Guangdong, China, November 2018.

**Fischgrund JS.** Complex cervical surgery. Guangdong Provincial Hospital of Traditional Chinese Medicine, China Changzheng Hospital, Changhai Hospital, Shanghai, China, November 2018.

**Fischgrund JS.** Cervical revision surgery. The 1<sup>st</sup> Affiliated Hospital of Guangzhou University of Traditional Chinese Medicine, Guangdong, China, November 2018.

# PATHOLOGY and LABORATORY MEDICINE

## Peer-Reviewed Articles:

Cousineau C, Kumar T, Roszka JP, Lewinski KL, Li W, Kanaan HD, et al, [Zhang PL]. There is high sensitive and specific correlation between frozen and permanent sections in renal transplant biopsies. *Transplant Proc.* 2018 Dec;50(10):3473-3477.

**Ducatman BS.** The impact and burden of human papillomavirus-associated disease. *Arch Pathol Lab Med.* 2018 Jun;142(6):686-687.

**Ducatman BS.** The role of human papillomavirus in oropharyngeal squamous cell carcinoma. *Arch Pathol Lab Med.* 2018 Jun;142(6):715-718.

Dymacek JM, Snyder-Talkington BN, Raese R, Dong C, Singh S, Porter DW, et al, [Ducatman BS]. Similar and differential canonical pathways and biological processes associated with multiwalled carbon nanotube and asbestos-induced pulmonary fibrosis: A 1-year postexposure study. *Int J Toxicol.* 2018 Jan 1:1091581818779038.

**Kennedy T, Simkowski KW, Carey-Ballough R, Kern C, Sykes E.** The effect of 37°C temperature on the stability of routine chemistry analytes in serum. *Clin Chem.* 2018; 64(10):S83.

Miller JM, Binnicker MJ, Campbell S, Carroll KC, Chapin KC, Gilligan PD, et al, [Robinson-Dunn B]. A guide to utilization of the microbiology laboratory for diagnosis of infectious diseases: 2018 Update by the Infectious Diseases Society of America and the American Society for Microbiology. *Clin Infect Dis.* 2018 Aug 31;67(6):e1-e94.

Mrak RE, Parslow TG, **Ducatman BS.** Benchmarking subspecialty practice in academic anatomic pathology: The 2017 Association of Pathology Chairs Survey. *Acad Pathol.* 2018 Oct 9;5:2374289518798556.

Robadi IA, Pharaon M, **Ducatman BS.** The importance of high-risk human papillomavirus types other than 16 and 18 in cervical neoplasia. *Arch Pathol Lab Med.* 2018 Jun;142(6):693-695.

Vercellone J, Cohen L, Mansuri S, **Zhang PL, Kellerman PS.** Bartonella endocarditis mimicking crescentic glomerulonephritis with PR3-ANCA positivity. *Case Rep Nephrol.* 2018 Aug 19;2018:9607582.

Ward N, Baqai J, Zehnpfennig A, Fine N, **Huang J, Smith MD.** Bcl-2 maturation pattern in t-cells distinguishes thymic neoplasm/hyperplasia, t-lymphoblastic lymphoma, and reactive lymph nodes. *Cytometry Part B Clin Cytom.* 2018 May;94(3):444-450.

Yin W, **Zhang PL, Macknis JK, Lin F, Bonventre JV.** Kidney injury molecule-1 identifies antemortem injury in postmortem adult and fetal kidney. *Am J Physiol Renal Physiol.* 2018 Dec1;315(6):F1637-F1643.

## Pathology and Laboratory Medicine

### Abstracts with Associated Research Presentations:

Cousineau C, Kanaan HD, Li W, **Zhang PL**. Acute tubular injury (ATI) secondary to thrombotic microangiopathy can be morphologically different from primary ATI due to ischemia. The United States and Canadian Academy of Pathology (USCAP) Annual Meeting, Vancouver, Canada, March 17-23, 2018.

Cousineau C, Qu ZH, **Zhang PL**. Progenitor cell marker CD133 positive staining can confirm high grade colonic dysplasia. College of American Pathologists (CAP) Annual Meeting, Chicago, IL, October 20-24, 2018.

Crone CA, Owusu-Banahene A, Boyanton Jr BL, **Robinson-Dunn B**. Use of MALDI-ToF to diagnose a case of rat bite fever. Michigan Infectious Diseases Society Annual Meeting, Royal Oak, MI, March 2018.

Gupta A, Liu B, Li Z, **Zhang PL**. Absence of tubuloreticular inclusions (TRI) in a transgenic mice model of lupus-like nephritis. The United States and Canadian Academy of Pathology (USCAP) Annual Meeting, Vancouver, Canada, March 17-23, 2018.

Lai Z, Kanaan HD, Li W, **Zhang PL**. Profiles of monoclonal gammopathy with renal significance (MGRS) versus heavy burden cases of monoclonal nephropathy. College of American Pathologists (CAP) Annual Meeting, Chicago, IL, October 20-24, 2018.

**Kennedy T, Simkowski K, Sykes E, Carey-Balough R, Kern C**. The effect of 37°C temperature on the stability of routine chemistry analytes in serum. AACC Clin Chem 64: A-248. American Association for Clinical Chemistry National Meeting, Chicago, IL, July 29-August 2, 2018.

**Zhang PL**, Yin W, Macknis JK, Bonventre JV. Kidney injury molecule-1 (KIM-1) identifies antemortem injury in fetal postmortem kidney. Annual Meeting of American Society of Nephrology, San Diego, CA, October 23-28, 2018.

### Invited Research Presentations:

**Ducatman BS**. Benchmarking academic anatomic pathologists: An evidence-based approach. Association of Directors of Anatomic and Surgical Pathology Annual Meeting, Washington, DC, March 16, 2019.

**Ducatman BS**. Successful negotiation in your current job. Pathologist-in-Training Evening Specialty Conference. The United States and Canadian Academy of Pathology (USCAP) Annual Meeting, Vancouver, Canada, March 17-23, 2018.

**Ducatman BS**. Pancreatic FNA in the age of EUS. Great Lakes Pathology Conference, Traverse City, MI, June 25-29, 2018.

**Ducatman BS**. Gynecologic cytopathology. Great Lakes Pathology Conference, Traverse City, MI, June 25-29, 2018.

## Pathology and Laboratory Medicine

### Invited Research Presentations: continued

**Ducatman BS.** Moderator: How to deal with critical issues from those who have been through them. Association of Pathology Chairs (APC) 51<sup>st</sup> Annual Meeting, Coronado California, July 15-19, 2018.

**Ducatman BS.** Human papillomavirus (HPV) testing and primary screening. 27<sup>th</sup> Annual Symposium on Molecular Pathology: Clinical Applications of Genomic Medicine, Troy, MI, September 12-13, 2018.

**Ducatman BS.** The role of the pathologist in population health: An interactive discussion. College of American Pathologists (CAP) Annual Meeting, Chicago, IL, October 20-24, 2018.

**Ducatman BS.** Academic pathology: Launching the young pathologist: A forum on the transition from pathology trainee to effective pathology practitioner. CAP and Association of Pathology Chairs (APC) course, College of American Pathologists (CAP) Annual Meeting, Chicago, IL, October 20-24, 2018.

**Gupta A, Smith M, Huang J.** Identification of aggressive variants of mantle cell lymphoma based on flow cytometry. The United States and Canadian Academy of Pathology (USCAP) Annual Meeting, Vancouver, Canada, March 17-23, 2018.

**Huang J, Rayborn B, Bernacki K, Young M.** Introducing laboratory medicine to medical students before they enter clinical clerkship. Oakland University William Beaumont School of Medicine's Experience, Association of Pathology Chairs Annual Meeting, San Diego, CA, July 14-17, 2018.

**Huang J.** Teaching medical students choosing wisely in diagnostic medicine clerkship. Oakland University William Beaumont School of Medicine's Experience. Association of Pathology Chairs Annual Meeting, San Diego, CA, July 15-19, 2018.

**Robinson-Dunn B.** The acid-fast and the furious. Illinois Society for Microbiology Spring Meeting, Chicago, IL, May 15-16, 2018.

**Robinson-Dunn B.** CRE, CRO, CPE, CSLI, FDA!!!! What's a microbiologist to do? Michigan Branch, South Central Association for Clinical Microbiology, Lansing, MI, September 26, 2018.

**Robinson-Dunn B.** Identification and antimicrobial susceptibility testing of the non-tuberculous mycobacteria. South Eastern Association for Clinical Microbiology Annual Meeting, Charlotte, NC, November 8-10, 2018.

**Simkowski KW.** Biotin interference: Why do I let this stuff get in my hair and under my skin?! Michigan Section of American Association for Clinical Chemistry (MI AACC), Novi, MI, April, 2018.

Zhao J, VanHulle R, Misra L, Rasmussen C, **Huang J.** Outcome assessment of OUWB diagnostic medicine clerkship. OUWB 7<sup>th</sup> Annual William Davidson Medical Education Week, Rochester Hills, MI, May 14-18, 2018.



# PEDIATRIC SERVICES

## Peer-Reviewed Articles:

Arianpour K, Forman SN, Karabon P, **Thottam PJ**. Pediatric acquired subglottic stenosis: Associated costs and comorbidities of 7,981 hospitalizations. *Int J Pediatr Otorhinolaryngol*, published online November 13, 2018.

**Dabrowski E**, Bonikowski M, Gormley M, Volteau M, Picaut P, Delgado M. Abobotulinimtoxin a efficacy and safety in children with equinus foot previously treated with botulinum toxin. *Pediatr Neurol*. 2018 May;82:44-49.

Fortunato JT, Hankin M, **Wasserman JA**. The complexity of experience with first dissection: A qualitative study of medical students. *Med Sci Educat*. 2018;28:359-365.

Hakim S, Ramireddy S, Amin M, **Gebara S**, Cappel M. Preoperative misdiagnosis of intestinal Behçet's Syndrome as Crohn's Disease based on superficial colonoscopic biopsies: Case report and systematic review. *Dig Dis Sci*. 2018 Dec;63:3509-3515.

**Mukherjee D**, Coffey M, **Maisels MJ**. Frequency and duration of phototherapy in preterm infants < 35 weeks gestation. *J Perinatol*. 2018 Sept;38(9):1246-1251.

**Mukherjee D**, **Sopczynski B**, **Espinosa M**, **Brahmamdham P**. Gastric diverticulum causing gastric outlet obstruction in the setting of duodenal atresia. *J Ped Surg Case Rep*. 2018;31: 84-87.

**Nolan D**, Lester SG, Rau SM, Shellhaas RA. Clinical use and efficacy of Levetiracetam for absence epilepsies. *J Child Neurol*, published online November 21, 2018.

**Sahai S**, Kamat D. Common problems in general pediatrics. *Pediatric Annals*. 2018;47(10):e388-e389.

**Salman B**, Sharma J, Knapp A, Akay B, **Gibson D**. Kaposiform hemangioendothelioma causing intestinal obstruction. *J Ped Surg Case Rep*. 2018 Jan; 28:9-12.

**Thottam PJ**, Georg M, Simons JP, Kashiwazaski R, Mehta DK. Structured care to improve outcomes in primary single stage laryngotracheal reconstruction. *Int J Pediatr Otorhinolaryngol*. 2018 Nov;114:71-75.

Vandjelovi ND, Brown JR, Traboulsi HT, **Thottam PJ**. Impact of infant supraglottoplasty on quality of life. *Otolaryngol Head Neck Surg*. 2018 Sep;159(3):564-571.

**Wasserman JA**, Kononova A, Moldovan T, Cotton. Environment and personality: A pilot study examining the effects of educational setting and stress on multitasking among medical students. *Med Sci Ed*, published online November 16, 2018.

**Wasserman JA**, Navin MC. Capacity for preferences: Respecting patients with compromised decision making. *Hastings Cent Rep*. 2018 May;48(3):31-39.

## Pediatric Services

### Peer-Review Articles: continued

**Wasserman JA**, Navin MC, Krug EF. The value of parental permission in pediatric practice. *JAMA Pediatr.* 2018;172(7):613-614.

### Book Chapter or Full Book Publications:

**Cirino J, Luehman N**, DeMare A, Pastewski J, Al-Hadidi A, **Novotny NM**. Implementation of pediatric trauma cervical clearance pathway. In: American College of Surgeons. Best practices case studies. v. 9. Chicago: American College of Surgeons; July 2018. p.9-15.

Fitzgerald TN, Nwomeh B, Farmer D, Butler M, Kisa P, Murrell ZC, et al, [**Novotny NM**] Global pediatric surgery. In: Hirschl R, Powell D, Waldhausen J, editors. Pediatric surgery, not a textbook [book on the Internet] Oakbrook Terrace, IL: American Pediatric Surgical Association and Unbound Medicine; 2018. Available from <https://www.pedsurglibrary.com>.

Jensen G, **Novotny NM**. Conflict and disaster relief. In: Hirschl R, Powell D, Waldhausen J, editors. Pediatric surgery, not a textbook [book on the Internet] Oakbrook Terrace, IL: American Pediatric Surgical Association and Unbound Medicine; 2018. Available from <https://www.pedsurglibrary.com>.

Kao Am, Muncie CB, **Novotny NM**, Stallon A, Berch B, **Shaffer K**. Gastrointestinal hemorrhage. In: Hirschl R, Powell D, Waldhausen J, editors. Pediatric surgery, not a textbook [book on the Internet] Oakbrook Terrace, IL: American Pediatric Surgical Association and Unbound Medicine; 2018. Available from <https://www.pedsurglibrary.com>.

Novitski KS, Radulescu A, Jelin EB, Ladd MR, Meier K, **Novotny NM**. Prune belly syndrome. In: Hirschl R, Powell D, Waldhausen J, editors. Pediatric surgery, not a textbook [book on the Internet] Oakbrook Terrace, IL: American Pediatric Surgical Association and Unbound Medicine; 2018. Available from <https://www.pedsurglibrary.com>.

Puligandia PS, **Novotny NM**, **Luehman N**, Petroze R, Langenberg S. Parathyroid disorders. In: Hirschl R, Powell D, Waldhausen J, editors. Pediatric surgery, not a textbook [book on the Internet] Oakbrook Terrace, IL: American Pediatric Surgical Association and Unbound Medicine; 2018. Available from <https://www.pedsurglibrary.com>.

**Shaffer K**, Koontz CS, Vanderwalle R, Hamouri S, **Novotny NM**. Torticollis. In: Hirschl R, Powell D, Waldhausen J, editors. Pediatric surgery, not a textbook [book on the Internet] Oakbrook Terrace, IL: American Pediatric Surgical Association and Unbound Medicine; 2018. Available from <https://www.pedsurglibrary.com>.

**Thottam PJ**, Mehta DK. Type 1 laryngeal clefts. In: Ongkasuwan J, Chiou EH, editors. Pediatric dysphagia: Challenges and controversies. Cham, Switzerland: Springer; 2018. p.171-177.

## Pediatric Services

### Abstracts with Associated Research Presentations:

Al-Hadidi A, Luehmann N, Cirino J, DeMare A, Pastewski J, et al. Implementation of pediatric cervical spine clearance pathway. Michigan Pediatric Trauma Conference, Detroit, MI, June 7, 2018.

**Al-Mudares F, Romero Lopez M, Coffey M, Klarr J, Freij B.** Is c-reactive protein (CRP)/albumin ratio (CAR) a useful predictor of response to intravenous immunoglobulins (IVIG) and outcome in Kawasaki disease (KD)? Pediatric Academic Societies Annual Meeting, Toronto, Canada, May 5-8, 2018.

Bataineh Z, Johns P, **Novotny NM.** Inexpensive and novel method for laparoscopic pyloromyotomy in the developing world. J Laparoendoscopy Adv Surg Tech. 2018 Jul 1; 28(7). 27<sup>th</sup> Annual Congress for Endosurgery for Children Seattle, WA, April 11-14, 2018.

Batayneh Z, **Novotny NM.** A novel non-electrosurgical technique for incising the pylorus in laparoscopic pyloromyotomy, International Pediatric Endosurgical Group, Seattle, WA, April 11-14, 2018.

Brown JR, Foster N, Abdel-Rahim M, **Thottam PJ.** Revision rates and complications following supraglottoplasty with microlaryngeal scissors versus carbon dioxide laser. Academy of Otolaryngology Head and Neck Surgery Foundation Annual Meeting, Atlanta, GA, October 7-10, 2018.

Cirino J, Luehmann N, DeMare A, Pastewski J, Al-Hadidi A, **Novotny NM,** et al. Implementation of pediatric trauma cervical spine clearance pathway: Initial results. American College of Surgeons (ACS) Quality and Safety Conference, Orlando, FL, July 21-24, 2018.

**Dabrowski E.** Efficacy and safety of incobotulinumtoxinA for upper-limb or combined upper- and lower-limb spasticity in children and adolescents with cerebral palsy: Xarar study design. 2018 Toxicon 156 (S2-S120). International Society on Toxinology, Yerevan, Armenia, September 22-26, 2018.

**Darshan S.** Imagination of images when virus attack the lungs. American College of Physicians (ACP) Resident's Day, Sterling Heights, MI, May 4, 2018.

**Darshan S.** In 'cysting' on a diagnosis of Sjögren syndrome. American Thoracic Society CHEST Conference, San Diego, CA, May 20-22, 2018.

**Darshan S.** No time to waste with fibrillary glomerulonephritis. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

**Dupont A, Bilolikar A, McCormick ME, Gonzalez I.** Early findings of myocardial fibrosis on cardiac MRI in a 9-year-old female with limb girdle muscular dystrophy type 2C. Midwest Society for Pediatric Research, Beaumont Children's Oakland University School of Medicine, Royal Oak, MI, October 4-5, 2018.

Forman S, Arianpout K, **Thottam PJ.** Factors that impact cost and length of stay in pediatric patients with congenital airway abnormalities. American Society of Pediatric Otolaryngology Annual Conference National Harbor, MD, April 20-22, 2018.

## Pediatric Services

### Abstracts with Associated Research Presentations: continued

Hastings C, **Gowans LK**. Heterogeneity in school reentry programs for children returning to school following treatment for cancer. American Society of Pediatric Hematology Oncology, Pittsburgh, May 2-5, 2018.

Heinen F, **Dabrowski E**. Efficacy and safety of incobotulinumtoxina for lower-limb spasticity in children and adolescents with cerebral palsy. 2018 Toxicon 156 (S2-S120). International Society on Toxinology, Yerevan, Armenia, September 22-26, 2018.

**Jones G**, Akay B, Adams L. Organoaxial gastric volvulus in a healthy child. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018. 59<sup>th</sup> Annual Meeting of the Midwest Society for Pediatric Research, Beaumont Children's, Royal Oak, MI, October 4-5, 2018.

Kanovsky P, Heinen F, **Dabrowski E**, et al. Long-term safety of incobotulinumtoxina for upper-limb or combined upper- and lower-limb spasticity in children and adolescents with cerebral palsy. 2018 Toxicon 156 (S2-S120). International Society on Toxinology, Yerevan, Armenia, September 22-26, 2018.

**Kennady G, Khandhar P, Gibson D**. Prepubescent pediatric patient with pneumothorax in diabetic ketoacidosis. 25<sup>th</sup> Pediatric Critical Care Colloquium, Baltimore, MD, October 5-7, 2018.

**Kennady G, McCormick ME**, Krishnan A. San Luis Valley Syndrome in a non-hispanic patient. A case report with neuroimaging findings. Midwest Society for Pediatric Research, Beaumont Children's Oakland University School of Medicine, Royal Oak, MI, October 4-5, 2018.

**Kseri R**, Silverman E, Seltzer M. Chart review of bullying rate (COBRA). Michigan State University (MSU) College of Veterinary Medicine 17<sup>th</sup> Annual Pediatric Research Day: Environment Effects on Child Health, Flint, MI, March 21, 2018.

Luehmann N, Cirino J, DeMare A, Pastewski J, Al-Hadidi A, **Novotny NM**, et al. Implementation of pediatric trauma cervical spine clearance pathway. Michigan Chapter of the American College of Surgeons 65<sup>th</sup> Annual Meeting and 67<sup>th</sup> Annual Resident Surgeons Competition, Traverse City, MI, May 16-18, 2018.

Luehmann N, Staubach M, Akay B, **Collier P**, Han R, Riggs T, et al, [**Novotny NM**]. Benefits of a family-centered approach to pediatric induction of anesthesia. Journal Ped Surg, published online October 5, 2018. American Pediatric Surgical Association Annual Meeting, Desert Springs, CA, May 3-6, 2018.

**McCormick ME**, Kaleka G, Krishnan A. Beta-propeller protein-associated neurodegeneration (BPAN). Midwest Society for Pediatric Research, Beaumont Children's Oakland University School of Medicine, Royal Oak, MI, October 4-5, 2018.

Metz, CM, **Thottam PJ**, Schwartz JE. Primitive polypoid non-neural granular cell tumor presenting as a tongue lesion in a newborn: Case report and literature review. Academy of Otolaryngology Head and Neck Surgery Foundation Annual Meeting, Atlanta, GA, October 7-10, 2018.

## Pediatric Services

### Abstracts with Associated Research Presentations: continued

**Michon AM**, Miceli S, Meagher L, Wolford C, **Shaw A, Arndt DH**. Ketogenic diet in diabetes mellitus type 1. American Epilepsy Society Annual Meeting, New Orleans, LA, November 30-December 4, 2018.

**Novotny NM**, Hammouri S: My worst nightmare: TEF leak in the developing world. International Pediatric Endosurgical Group, Seattle, WA, USA, April 11-14, 2018.

**Owusu-Banahene A**. Rhinovirus: The red herring. American College of Physicians Fall Meeting, Acme, MI, October 13-15, 2018.

**Prabhu A, Dupont A**. An infant with cardiac valular problems and respiratory distress: The heart may not be the culprit. Midwest Society for Pediatric Research, Beaumont Children's Oakland University School of Medicine, Royal Oak, MI, October 4-5, 2018.

**Prabhu A, Greene R**. Respiratory syncytial virus: More than just bronchiolitis. Midwest Society for Pediatric Research, Beaumont Children's Oakland University School of Medicine, Royal Oak, MI, October 4-5, 2018. American Academy of Pediatrics National Conference and Exhibition, Orlando, FL, November 3-6, 2018.

**Prabhu A, Khandhar P, McCormick ME**. Not just a delta wave: An uncommon diagnosis in a patient with WPW and neurologic events. Midwest Society for Pediatric Research, Beaumont Children's Oakland University School of Medicine, Royal Oak, MI, October 4-5, 2018.

Rajanna V, **Khandhar K**. Propofol-associated priapism in a prepubescent pediatric patient. Society for Pediatric Sedation Conference, Atlanta, GA, May 20-23, 2018.

Sevak S, Akay B, **Bloom D**. Anomalous pancreatic ductal system causing a delayed diagnosis of duodenal atresia. Detroit Surgical Association Monthly Meeting, Detroit, MI, February 26, 2018.

**Son E, Kennady G, McCormick ME**. Prenatal diagnosis of spinal muscle atrophy type 1: Successful initiation of intrathecal nusinersen induction on day 3 of life. Midwest Society for Pediatric Research, Beaumont Children's Oakland University School of Medicine, Royal Oak, MI, October 4-5, 2018.

### Invited Research Presentations:

**Gowans K**. A practical approach to anemia in the pediatric patient. A practical approach to coagulopathy in the pediatric patient. Board Simulation: Pediatric Hematology/Oncology. Cleveland Clinic Pediatric Board Review Course, Cleveland OH, August 27-31, 2018.

**MacDonald K**, Walker M, **Gowans K**. Integrative medicine in pediatric and adolescent oncology: An overview for the nurse and nurse practitioner. Association of Pediatric Hematology/Oncology Nurses, Savannah, September 13-15, 2018.

# PHARMACEUTICAL SERVICES

## Peer-Reviewed Articles:

**\*Burgos KD, \*Sienko SE, Hoffman JL, Koerber JM, Smythe MA.** Characteristics, management, and outcomes of patients with atrial fibrillation experiencing a major bleeding event while on rivaroxaban. Clin Appl Thromb Hemost. 2018 Mar;24(2): 372-378.

**Eisho S, \*Salem NM, Hoffman JL, Koerber JM, Smythe MA.** Major bleeding with apixaban in atrial fibrillation: Patient characteristics, management, and outcomes. Hosp Pract. 2018 Oct;46(4):165-9.

## Invited Research Presentations:

**Braekevelt K, Vendittelli B, Fett J, Kline E, Priziola, J.** Creation, implementation, and evaluation of pharmacist-led Medicare part D open enrollment events. American Society of Health-System Pharmacists Midyear Clinical Meeting, Anaheim, CA, December 2-6, 2018.

**\*Chu PS, Koerber JM, Smythe MA.** Evaluation of alternative anticoagulant use in heparin-induced thrombocytopenia. 6<sup>th</sup> Annual Ohio Pharmacy Resident Conference, Ada, OH, May 18, 2018.

**Feleke A, Fuller R, Ismail R, Cadiz M.** Characterization of patients requiring high-dose insulin infusion for the management of hyperglycemia. 78<sup>th</sup> American Diabetes Association Scientific Sessions, Orlando, FL June 22-26, 2018.

**Mertz S, Chehab F, Hoffman JL, Koerber JM, Smythe MA.** Evaluation of anti-inhibitor coagulant complex for acute hemorrhagic reversal in patients receiving apixaban and rivaroxaban. American Society of Health-System Pharmacists Midyear Clinical Meeting, Anaheim, CA, December 2-6, 2018.

# PHYSICAL MEDICINE AND REHABILITATION

## Peer-Reviewed Articles:

**Chaiyasate K, Ysunza PA, Spolyar J, Andrade P, Genova R.** Palatal protective stents prevent oro-nasal fistulas after surgery for velopharyngeal insufficiency: A preliminary report. Dent J. 2018 6(3):29.

Morales-Ramirez DA, Valadez-Jimenez VM, Hernandez-Lopez XI, **Ysunza PA.** Acoustic analysis of voice and electroglottography in patients with laryngopharyngeal reflux. J Voice. 2018 May;32:281-284.

Pamplona MC, **Ysunza PA.** Language proficiency in children with cleft palate. Int Arch Commun Disord. 2018 1:1-7.

Pamplona MC, **Ysunza PA.** Deliberate practice: A useful strategy for correcting articulation in children with cleft palate. Preliminary results. J Craniofac Surg. 2018 Sep; 29:1490-1494.

Tejeda-Franco CD, Valadez-Jimenez VM, Hernandez-Lopez X, **Ysunza PA,** Mena-Ramirez ME, Garcia-Zapata R, et al. Hearing aid use and auditory verbal therapy improve voice quality of deaf children. J Voice. 2018 Sep;14. pii:S0892-1997(18)30250-9.

## Abstracts with Associated Research Presentations:

Blankenship L, Lanni T, **Riutta J,** Akhtar A, Jaiyesimi I. Inpatient hematology and oncology rehabilitation. American Society of Clinical Oncology, Chicago, IL, June 2-6, 2017.

**Ysunza PA.** Evidence based medicine in audiology, otoneurology and speech and language pathology. Asociacion Mexicana de Comunicacion, Audiologia, Otoneurologica y Foniatria (AMCAOF) International Symposium, Cancun, Quintana Roo, Mexico, March 7-11, 2018.

**Ysunza PA.** Controversies in the diagnosis and treatment of VPI. Methods, challenges and outcomes in the surgical treatment of VPI. Asociacion Mexicana de Comunicacion, Audiologia, Otoneurologica y Foniatria (AMCAOF) International Symposium, Cancun, Quintana Roo, Mexico, March 7-11, 2018.

**Ysunza PA.** Surgery for VPI in the era of sleep disordered breathing. Asociacion Mexicana de Comunicacion, Audiologia, Otoneurologica y Foniatria (AMCAOF) International Symposium, Cancun, Quintana Roo, Mexico, March 7-11, 2018.

**Ysunza PA.** Flexible endoscopic evaluation of swallowing (FEES) and modified barium swallow study (MBS) in children and adults. Asociacion Mexicana de Comunicacion, Audiologia, Otoneurologica y Foniatria (AMCAOF) International Symposium, Cancun, Quintana Roo, Mexico, March 7-11, 2018.

**Ysunza PA.** Gore-Tex thyroplasty for treating unilateral vocal cord paralysis. Asociacion Mexicana de Comunicacion, Audiologia, Otoneurologica y Foniatria (AMCAOF) International Symposium, Cancun, Quintana Roo, Mexico, March 7-11, 2018.

## Physical Medicine and Rehabilitation

### Abstracts with Associated Research Presentations: continued

**Ysunza PA.** Quasi systematic review of papers addressing diagnosis and treatment of VPI. Asociacion Mexicana de Comunicacion, Audiologia, Otoneurologica y Foniatria (AMCAOF) International Symposium, Cancun, Quintana Roo, Mexico, March 7-11, 2018.

**Ysunza A.** Munchausen stridor: A factitious disorder? True paradoxical vocal cord dysfunction (VCD) diagnosis and management. Michigan Speech Hearing Association (MSHA) Annual Conference, Kalamazoo, MI, March 22-25, 2018.

**Ysunza A.** Videonasopharyngoscopy or videofluoroscopy or both? American Cleft Palate Association (ACPA) 75<sup>th</sup> Annual Scientific Meeting, Pittsburgh, PA, April 10-14, 2018.

**Ysunza A.** Videonasopharyngoscopy and videofluoroscopy for the diagnosis and treatment planning of VPI: State of the art and innovations. Asociacion Mexicana de Labio y Paladar Hendido (AMLPH) International Course on Innovations in the Diagnosis and Treatment of Velopharyngeal Insufficiency (VPI), Mexico City, Mexico, May 21-25, 2018.

**Ysunza A.** The planning of surgical procedures for correcting VPI according to findings of imaging: Tailor made pharyngeal flaps. Asociacion Mexicana de Labio y Paladar Hendido (AMLPH) International Course on Innovations in the Diagnosis and Treatment of Velopharyngeal Insufficiency (VPI), Mexico City, Mexico, May 21-25, 2018.

**Ysunza A.** Nasometry: Methods and interpretation. Asociacion Mexicana de Labio y Paladar Hendido (AMLPH) International Course on Innovations in the Diagnosis and Treatment of Velopharyngeal Insufficiency (VPI), Mexico City, Mexico, May 21-25, 2018.

**Ysunza A.** Modified barium swallow study (MBSS): Methods and interpretation. Asociacion Mexicana de Labio y Paladar Hendido (AMLPH) International Course on Innovations in the Diagnosis and Treatment of Velopharyngeal Insufficiency (VPI), Mexico City, Mexico, May 21-25, 2018.

**Ysunza A.** Case presentation: Velopharyngeal insufficiency (VPI) and laryngomalacia leading to the diagnosis of chromosomal abnormality. Michigan Academy of Plastic Surgeons (MAPS) Biannual Scientific Meeting. Mackinac Island, MI, USA, July 21-25, 2018.

### Invited Research Presentations:

**Ysunza A.** Research in audiology, otoneurology and speech and language pathology: The hurdle race. International Course on Communication Disorders of Mexican Association of Audiology, Communication, Otoneurology and Phoniatrics (AMCAOF). University of Puebla (BUAP), Puebla, Mexico, August 30-September 2, 2018.

**Ysunza A.** Clinical and research collaborations between Beaumont and Mexican Association of Cleft Lip and Palate and Craniofacial Anomalies (AMLPH). International Congress on Cleft Lip and Palate and Craniofacial Anomalies. Mexican Association of Cleft Lip and Palate and Craniofacial Anomalies (AMLPH), Leon, Mexico, October 10-13, 2018.



## Physical Medicine and Rehabilitation

### Invited Research Presentations: continued

**Ysunza A.** Velopharyngeal insufficiency (VPI): A challenge for every cleft palate team. Society for Ear, Nose & Throat Advances in Children (SENTAC) Scientific Meeting, Houston TX, November 29-December 2, 2018. **Awarded: Recipient of Robert Ruben Scientific Achievement.**

# RADIATION ONCOLOGY

## Peer-Reviewed Articles:

Abuodeh Y, Naghavi, AO, Echevarria M, DeMarco M, Tonner B, Feygelman V, et al, [**Stevens CW**]. Quantitatively excessive normal tissue toxicity and poor target coverage in postoperative lung cancer radiotherapy meta-analysis. Clin Lung Cancer. 2018 Jan;19(1).

Anyaiwe DEO, Singh GB, **Wilson GD**, \*Geddes TJ. Computational convolution of SELDI data for the diagnosis of Alzheimer's disease. High Throughput. 2018 May 17;7(2).

Anyaiwe DEO, **Wilson GD**, \*Geddes TJ, Singh GB. Harnessing mass spectra data using KNN principle: diagnosing Alzheimer's disease. ACM SIGBioinform. 2018 Jan;Rec.7.

**Blas K**, \*Tonlaar N, **Galoforo S**, Ahmed S, **Wilson TG**, \*Marples B, et al, [**Wilson GD**]. Dual blockade of PI3K and MEK in combination with radiation in head and neck cancer. Clinical and Translational Radiation Oncology. 2018; 11:1-10.

Bristow R, Alexander B, Baumann M, Bratman SV, Brown JM, Camphausen K, et al, [**Wilson GD**]. Combining precision radiotherapy with molecular targeting and immunomodulatory agents: A guideline by the American Society for Radiation Oncology. Lancet Oncology, May 2018;19(5):e240-e251.

Burmeister J, Nalichowski A, **Snyder M**, Halford R, Baran G, Loughery B, et al. Commissioning of a dedicated commercial Co-60 total body irradiation unit. J Apply Clin Med Phys. 2018 May;19(3):131-141.

Chang AJ, McBride S, Keyes M, Chung HT, Davis BJ, Cox BW, et al, [**Krauss DJ**]. The American Brachytherapy Society and the American Radium Society appropriate use criteria genitourinary committee endorse the American Society of Clinical Oncology/Cancer Care Ontario guidelines. J Clin Oncol, published online September 13, 2018.

Chen CJ, Ding D, Kano H, Mathieu D, Kondziolka D, Feliciano C, et al, [**Grills IS**]. Effect of advanced age on stereotactic radiosurgery outcomes for brain arteriovenous malformations: A multicenter matched cohort study. World Neurosurg. 2018 Nov;119:e429-e440.

Chen CJ, Ding D, Kano H, Mathieu D, Kondziolka D, Feliciano C, et al, [**Grills IS**]. Stereotactic radiosurgery for pediatric versus adult brain arteriovenous malformations. Stroke. 2018 Aug;49(8):1939-1945.

**Chen S**, **Qin A**, \*Zhou D, **Yan D**. U-net-generated synthetic CT images for magnetic resonance imaging-only prostate intensity-modulated radiation therapy treatment planning. Med Phys. 2018 Dec;45(12):5659-5665.

**Chinnaiyan P**, Won M, Wen PY, Rojiani AM, Werner-Wasik M, Shih HA, et al. A randomized phase II study of everolimus in combination with chemoradiation in newly diagnosed glioblastoma: Results of NRG Oncology RTOG 0913. Neuro Oncol. 2018 April 9; 20(5):666-673.

## Radiation Oncology

### Peer-Reviewed Articles: continued

Cordeiro D, Xu Z, Mehta GU, Ding D, Vance ML, Kano H, et al, [**Grills IS, Lee KC**]. Hypopituitarism after gamma knife radiosurgery for pituitary adenomas: A multicenter, international study. *J Neurosurg*, published online November 9, 2018.

David JM, Gresham G, Jabbour SK, Deek M, Thomassian S, **Robertson JM**, et al. Neoadjuvant PET and MRI- based intensity modulated radiotherapy leads to less toxicity and improved pathologic response rates in locally advanced rectal cancer. *J Gastrointest Oncol*. 2018;9(4):641-649.

Dess RT, Devasia TP, Aghdam N, Soni P, Jackson WC, Mitchell A, et al, [**Hamstra DA**]. Patient reported sexual aid utilization and efficacy following radiotherapy for localized prostate cancer. *Int J Radiat Oncol Biol Phys*. 2018 Jun 1;101(2):376-386.

Dess RT, Hartman HE, Aghdam N, Jackson WC, Soni PD, Abugharib AE, et al, [**Hamstra DA**]. Erectile function after stereotactic body radiotherapy for localized prostate cancer. *BJU Int*. 2018 Jan;121(1):61-68.

Dignam JJ, **Hamstra DA**, Hanks GE, Lepor H, Grignon D, Brereton H, et al. Time interval to biochemical failure as a surrogate endpoint for long-term vs. short-term androgen suppression for locally advanced prostate cancer: Analysis of randomized trial NRG/RTOG 9202. *J Clin Oncol*, published online December 07, 2018.

Ding D, Mehta GU, Patibandla MR, Lee CC, Liscak R, Kano H, et al, [**Grills IS**]. Stereotactic radiosurgery for acromegaly: An international multicenter retrospective cohort study. *Neurosurgery*, published online May 10, 2018.

**Ding X, Li X, Qin A, Zhou J, Yan D, Stevens CW**, et al, [**Krauss DJ, Kabolizadeh P**]. Have we reached proton beam therapy dosimetric limitations? A novel robust, delivery-efficient and continuous spot-scanning proton arc (SPArc) therapy is to improve the dosimetric outcome in treating prostate cancer. *Acta Oncologica*. 2018 Mar;57(3):435-437.

**Ding X, Li X, Qin A, \*Zhou J, Yan D, Chen PY**, et al, [**Chinnaiyan P, Stevens CW, Deraniyagala R, Kabolizadeh P**]. Re-defining the role of range shifter in treating bilateral head and neck cancer in the era of intensity modulated proton therapy (IMPT). *J Appl Clin Med Phys*. 2018 19(5):749-55

Foerster R, Cho BCJ, Fahim DK, Gerszten PC, Flickinger JC, **Grills IS**, et al, [**Jawad MS**]. Histopathological findings after reirradiation compared to first irradiation of spinal bone metastases with stereotactic body radiotherapy: A cohort study. *Neurosurgery*, published online March 14, 2018.

Faught AM, Olsen L, Schubert L, Rusthoven C, **Castillo E**, Castillo R, et al, [**Guerrero TM**]. Functional-guided radiotherapy using knowledge-based planning. *Radiother Oncol*. 2018 Dec;129(3):494-498.

Glide-Hurst C, Nejad-Davarani S, Weiss S, **Zheng W**, Chetty IJ, Renisch S. Per organ assessment of subject-induced susceptibility distortion for MR-only male pelvis treatment planning. *Radiat Oncol*. 2018 Aug 15;13(1):149.

## Radiation Oncology

### Peer-Reviewed Articles: continued

Greenlee H, Lew DL, Hershman DL, Newman VA, Hanson L, Hartman SJ, et al, [**Robertson JM**]. Phase II feasibility study of a weight loss intervention in female breast and colorectal cancer survivors (SWOG S1008). *Obesity*. 2018;26:539-49.

Hall WA, Bergom C, Thompson RF, \*Baschnagel AM, Vijayakumar S, Willers H, et al, [**Wilson GD**]. Precision oncology and genomically guided radiation therapy: A report from the American Society for Radiation Oncology/American Association of Physicists in Medicine/National Cancer Institute Precision Medicine Conference. *Int J Radiat Oncol Biol Phys*. 2018 Jun 1;101(2): 274-284.

Hamstra DA, **Lee KC**, Eisbruch A, Sunkara P, Borgonha S, Phillip B, et al. A double-blind placebo-controlled multicenter phase 2 trial to evaluate D-methionine in preventing/reducing oral mucositis induced by radiation and chemotherapy for head and neck cancer. *Head Neck*. 2018 Jul;40(7):1375-1388.

Iorio-Morin C, Liscak R, Vladyka V, Kano H, Jacobs RC, Lunsford LD, et al, [**Grills IS, Lee KC**]. Repeat stereotactic radiosurgery for progressive or recurrent vestibular schwannomas. *Neurosurgery*, published online September 4, 2018.

Kalbasi A, Kirk M, Teo B-K, Diffenderfer E, **Ding X**, McDonough J, et al. Proton craniospinal irradiation during the third trimester of pregnancy. *Pract Radiat Oncol*. 2018 May-Jun;8(3):213-216.

Kara S, Pirela-Morillo GA, Gilliam CT, **Wilson GD**. Identification of novel susceptibility genes associated with seven autoimmune disorders using whole genome molecular interaction networks. *J. Autoimmunity*. 2018 Oct 31;pii:S0896-8411(18)30508-0.

**Kesarwani P, Prabhu A, Kant S**, Kumar P, Graham SF, **Buelow KL**, et al, [**Wilson GD, Chinnaiyan P**]. Tryptophan metabolism contributes to radiation-induced immune checkpoint reactivation in glioblastoma. *Clin. Cancer Res*. 2018;24(15):3632-3643.

Kishan AU, Cook RR, Ciezki JP, Ross AE, Pomerantz MM, Nguyen PL, et al, [**Krauss DJ**]. Radical prostatectomy, external beam radiotherapy, or external beam radiotherapy with brachytherapy boost and disease progression and mortality in patients with gleason score 9-10 prostate cancer. *JAMA*. 2018;319(9):896-905.

**Lack D, Liang J, Benedetti L, Knill C, Yan D**. Early detection of potential errors during patient treatment planning. *J Appl Clin Med Phys*. 2018 July 5;19(5):724-732.

**Li X, Kabolizadeh P**, \*Zhou J, **Qin A, Yan D, Guerrero TM**, et al, [**Grills IS, Stevens CW, Ding X**]. Improve dosimetric outcome in stage III non-small-cell lung cancer treatment using spot-scanning proton arc (SPArc) therapy. *Radia Oncol*. 2018;13(1):35;1-9.

**Lin HY, Ye H**, Kernan KM, Hafron JM, **Krauss DJ**. National cancer database comparison of radical cystectomy vs chemoradiotherapy for muscle-invasive bladder cancer: Implications of using clinical vs pathologic staging. *Cancer Med*. 2018 Nov;7(11):5370-81.

## Radiation Oncology

### Peer-Reviewed Articles: continued

**Liu G**, Hu F, **Ding X**, **Li X**, Shao Q, Wang Y, et al. Simulation of dosimetry impact of 4DCT uncertainty in 4D dose calculation for lung SBRT. *Rad Oncol*, published online November 21, 2018.

**Liu Q**, **Liang J**, \*Zhou D, **Krauss DJ**, **Chen PY**, **Yan D**. Dosimetric evaluation of incorporating patient geometric variations into adaptive plan optimization through probabilistic treatment planning in head and neck cancers. *Int J Radiat Oncol Biol Phys*. 2018 Jul;101(4); 985-97.

Loughery B, Knill C, Silverstein E, Zakjevskii V, Masi K, Covington E, et al, [**Snyder M**]. Multi-institutional evaluation of end-to-end protocol for IMRT/VMAT treatment chains utilizing conventional linacs. *Med Dosim*, published online March 20, 2018.

McKee C, Beeravolu N, Bakshi S, Thibodeau B, **Wilson GD**, Perez-Cruet M, et al. Cytotoxicity of radiocontrast dyes in human umbilical cord mesenchymal stem cells. *Toxicol Appl Pharmacol*. 2018 Jun;349:72-82.

Mehta GU, Zenonos G, Patibandla MR, Lin CJ, Wolf A, **Grills IS**, et al. Outcomes of stereotactic radiosurgery for foramen magnum meningiomas: An international multicenter study. *J Neurosurg*. 2018 Aug;129(2):383-389.

Matuszak MM, Paximadis P, Yudelev M, Grubb M, Wilson ML, Fraser C, et al, [**Grills IS**]. Managing motion in conventionally fractionated lung cancer radiation therapy: Collaborative quality improvement from a statewide consortium of academic and community practices. *Pract Radiat Oncol*. 2018 Jul - Aug;8(4):e208-e211.

Pomeraniec IJ, Kano H, Xu Z, Nguyen B, **Siddiqui ZA**, Silva D, et al, [**Grills IS**]. Early versus late gamma knife radiosurgery following transsphenoidal surgery for nonfunctioning pituitary macroadenomas: A multicenter matched-cohort study. *J Neurosurg*. 2018 Sep;129(3):648-657.

Patibandla MR, Ding D, Kano H, Xu Z, Lee JYK, Mathieu D, et al, [**Grills IS**]. Stereotactic radiosurgery for Spetzler-Martin grade IV and V arteriovenous malformations: An international multicenter study. *J Neurosurg*. 2018 Aug;129(2):498-507.

Paximadis P, Schipper M, Matuszak M, Feng M, Jolly S, Boike T, et al, [**Grills IS**, **Gustafson G**]. Dosimetric predictors for acute esophagitis during radiation therapy for lung cancer: Results of a large statewide observational study. *Pract Radiat Oncol*. 2018 May-Jun;8(3):167-173.

**Prabhu AH**, **Kant S**, **Kesarwani P**, Ahmed K, Forsyth P, Nakano I, et al, [**Chinnaiyan P**]. Integrative cross-platform analyses identify enhanced heterotrophy as a metabolic hallmark in glioblastoma. *Neuro Oncol*, published online November 10, 2018.

**Qin A**, **Gersten D**, **Liang J**, **Liu Q**, **Grills IS**, **Guerrero TM**, et al, [**Stevens CW**, **Yan D**]. A clinical 3D/4D CBCT-based treatment dose monitoring system. *J Appl Clin Med Phys*. 2018 Nov;19(6):166-176.

**Qin A**, Ionascu D, **Liang J**, Han X, O'Connell N, **Yan D**. The impact of deformable image registration methods on dose warping. *Med Phys*. 2018; 45(3):1287-94.

## Radiation Oncology

### Peer-Reviewed Articles: continued

**Qin A**, Ionascu D, **Liang J**, Han X, O'Connell N, **Yan D**. The evaluation of a hybrid biomechanical deformable registration method on a multistage physical phantom with reproducible deformation. *Radiat Oncol*. 2018 Dec 4;13(1):240.

**Qin A**, **Liang J**, Han X, O'Connell N, **Yan D**. Technical note: The impact of deformable image registration methods on dose warping. *Clin Lung Cancer*. 2018 Mar;19(2):e185-e194.

Sandler KA, Cook RR, Ciezki JP, Ross AE, Pomerantz MM, Nguyen PL, et al, **[Krauss DJ]**. Clinical outcomes for patients with Gleason score 10 prostate adenocarcinoma: Results from a multi-institutional consortium study. *Int J Radiat Oncol Biol Phys*. 2018 Jul 15;101(4):883-888.

Schutt CA, Sargent E, **Kabolizadeh P**, **Grills IS**, Jacob J. Proton beam radiation-induced glioblastoma multiforme. *J Neurosurg Sci*, published online March 26, 2018.

Shepard MJ, Mehta GU, Xu Z, Kano H, Sisterson N, Su YH, et al, **[Grills IS]**. Technique of whole-sellar stereotactic radiosurgery for Cushing disease: Results from a multicenter, international cohort study. *World Neurosurg*. 2018 Aug;116:e670-e679.

Silverstein E, **Snyder M**. Comparative analysis of respiratory motion tracking using Microsoft Kinect v2 sensor. *J Appl Clin Med Phys*. 2018 May;19(3):193-204.

Sheehan JP, **Grills I**, Chiang VL, Dong H, Berg A, Warnick RE, et al. Quality of life outcomes for brain metastasis patients treated with stereotactic radiosurgery: Pre-procedural predictive factors from a prospective national registry. *J Neurosurg*. 2018 Dec 21:1-7.

**Siddiqui Z**, **Krauss D**. Adjuvant androgen deprivation therapy for prostate cancer treated with radiation therapy. *Trans Androl Urol*. 2018 Jun;7(3):378-389.

Stam B, Kwint M, Guckenberger M, Mantel F, Hope A, Giuliani M, et al, **[Grills I]**. Subgroup survival analysis in stage I-II nsclc patients with a central tumor partly treated with risk-adapted SBRT. *Int J Radiat Oncol Biol Phys*, published online August 31, 2018.

**Stanhope CW**, **Drake DG**, **Liang J**, Alber M, Söhn M, \*Habib C, et al, **[Yan D]**. Evaluation of machine log files/MC-based treatment planning and delivery QA as compared to ArcCHECK QA. *Med Phys*. 2018 Jul;45(7):2864-2874.

Stone B, Thibodeau BJ, Baschnagel AM, Fortier LE, **Wilson GD**, Jury RP. Gene expression profiling in long and short-term survivors after resection for pancreatic cancer reveals new insights into prognosis and treatment. *J Pancreas*. 2018;19:51-57.

\*Sura K, **Grills IS**, **Vu CC**, **Stevens CW**, **Ye H**, **Guerrero TM**. Improved survival with increased time-to-radiation and sequential chemotherapy after surgery for pN2 non-small-cell lung cancer. *Clin Lung Cancer*. *Clin Lung Cancer*. 2018 Mar;19(2):e185-e194.

\*Sura K, **Ye H**, **Vu CC**, **Robertson JM**, **Kabolizadeh P**. How many lymph nodes are enough? Defining the extent of lymph node dissection in stage I-III gastric cancer using the national cancer database. *J Gastrointest Oncol*. 2018 Dec;9(6):1168-1175.

## Radiation Oncology

### Peer-Reviewed Articles: continued

\*Sura K, Lischalk JW, **Grills IS**, Mundt AJ, Wilson LD, Vapiwala N. Contemporary analysis of the prevalence of illegal match questions during medical student residency interviews. *Int J Radiat Oncol Biol Phys*. 2018 Mar 15;100(4):1075-1078.

Thibodeau BJ, Lavergne V, Dekhne N, Benitez P, Amin M, Ahmed S, et al, [**Grills IS, Chen PY, \*Wobb J, Wilson GD**]. Mutational landscape of radiation-associated angiosarcoma of the breast. *Oncotarget*. 2018 Jan 19;9(11):10042-10053.

Vinogradskiy Y, Rusthoven CG, Schubert L, Jones B, Faught A, Castillo R, et al, [**Castillo E, Stevens CW, Guerrero TM, Grills IS**]. Interim analysis of a two-institution, prospective clinical trial of 4DCT-ventilation-based functional avoidance radiation therapy. *Int J Radiat Oncol Biol Phys*. 2018 Nov 15;102(4):1357-1365.

Vinogradskiy Y, Faught A, Castillo R, **Castillo E, Guerrero TM**, Miften M, et al. Using 4DCT-ventilation to characterize lung function changes for pediatric patients getting thoracic radiotherapy. *J Appl Clin Med Phys*. 2018 Sep;19(5):407-412.

**Vu CC**, \*Blas KG, Lanni **TB, Gustafson GS, Krauss DJ**. Cost effectiveness of prostate boost with high dose rate brachytherapy versus intensity modulated radiation therapy in the treatment of intermediate-high risk prostate cancer. *Brachytherapy*. 2018 Nov-Dec;17(6):852-857.

**Vu CC**, Lanni TB, **Nandalur SR**. Trends in Medicare reimbursement and work relative value unit (wRVU) production in radiation oncology. *Am Coll Radiol*. 2018 Jun;15(6):870-875.

\*Wang X, \*Zamdborg L, **Ye H, Grills IS, Yan D**. A matched-pair analysis of stereotactic body radiotherapy (SBRT) for oligometastatic lung tumors from colorectal cancer versus early stage non-small cell lung cancer. *BMC Cancer*. 2018 Oct 10;18(1):962:1-10.

**Wang WG, Ye H, Chinnaiyan P**. Practice patterns and survival outcomes of intracranial germinoma: An analysis of the National Cancer Database. *J Neurooncol*. 2018 Mar; 137(1):77-82.

**Wang WG, Yan D, Ye H, Gustafson G**, Ghilezan M, Martinez A, **Krauss D**. Outcomes and toxicity from a prospective study of moderately hypofractionated radiation therapy for prostate cancer. *Adv Radiat Oncol*, published online April-June, 2018.

Wilkinson JB, **Chen PY**, Wallace MF, Shah CS, Benitez PR, Martinez AA, et al. Six-year results from a phase I/II trial for hypofractionated accelerated partial breast irradiation using a 2-day dose schedule. *Am J Clin Oncol*. 2018 Oct;41(10):986-991.

**Wilson GD**, Johnson M, Ahmed S, Cardenas PY, **Grills IS**, Thibodeau BJ. Targeted DNA sequencing of non-small cell lung cancer identifies mutations associated with brain metastases. *Oncotarget*. 2018 May; 9(40):25957-25970.

**Wilson GD, Galoforo S**, \*Blas K, \*Tonlaar N, **Wilson TG, Patel A**, et al, [**Hanna A, Dabjan M, Buelow K**]. Comparison of inhibitors of PIK3 and MTOR in combination with radiation in head and neck cancer. *J Sci Med Biochem Mol Biol*. 2018; 5:1034-1044.

## Radiation Oncology

### Peer-Reviewed Articles: continued

Xu Z, Mathieu D, Heroux F, Abbassy M, Barnett G, Mohammadi AM, et al, [**Grills IS, Lee K**]. Stereotactic radiosurgery for trigeminal neuralgia in patients with multiple sclerosis: A multicenter study. Neurosurgery, published online April 23, 2018.

\*Zhou D, Quan H, **Yan D, Chen S, Qin A, Stanhope CW**, et al, [**Liang J**]. A feasibility study of intra-fractional tumor motion estimation based on 4D-CBCT using diaphragm as surrogate. J Appl Clin Med Phys 2018. Sep;19(5):525-531.

### Book Chapter or Full Book Publications:

**Chen PY**. Trigeminal neuralgia. In: Cheng EL, Brown P, Lo SS, Saghal A, Suh JH, editors. Adult CNS radiation oncology: principles and practice. Cham, Switzerland: Springer, 2018. p.499-516.

**Ding X**, Lin H, Shen J, Zou J, Langen K, Lu HM. Proton treatment delivery techniques. In: Lee NY, Leeman JE, Cahlon O, Sine K, Jiang G, Lu JJ, Both S, editors. Target volume delineation and treatment planning for particle therapy: A practical guide. Cham, Switzerland: Springer International Publishing; 2018. p.17-44.

**McDermott PN**, Orton CF, editors. The Physics and technology of radiation therapy 2<sup>nd</sup> ed. Madison, WI: Medical Physics Publishing; 2018.

### Abstracts with Associated Research Presentations:

**Arden JA**, \*Johnson MD, **Ye H, Marvin K, Maitz A**, Fahim D, et al, [**Ducharme E, Manders MD, Chinnaiyan P, Chen PY, Grills IS**]. Quality of life, survival, and recurrence patterns following adjuvant stereotactic radiosurgery for resected brain metastases. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

Boike TP, Griffith K, Jagsi R, Moran JM, Radawski J, **Dilworth JT**, et al. Utilization and toxicity of breast boost radiation therapy following hypofractionated whole breast irradiation: Comparative analysis of a large, statewide multicenter cohort. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

**Castillo E**. Therapy response prediction using deformable image registration based CT ventilation imaging. Society for Industrial and Applied Mathematics (SIAM) Annual Meeting, Portland, OR, July 9-13, 2018.

**Castillo E**, Castillo R, Vinogradskiy Y, \*Solis D, **Thompson A, Guerrero TM**. Cone beam CT-ventilation from mass conserving point cloud density functions. Annual Meeting of American Association of Physicists in Medicine (AAPM), Nashville, TN, July 29-August 2, 2018.

**Chen S**, \*Zhou D, **Liang J, Krauss DJ, Chen PY, Yan D**. Adaptive dose painting by number planning using a novel object of dose prescription function derived from multiple 18F-FDG PET/CT images. 60<sup>th</sup> Annual Meeting of American Association of Physicists in Medicine (AAPM), Nashville, TN, July 29-August 2, 2018.



## Radiation Oncology

### Abstracts with Associated Research Presentations: continued

**Chen S, Qin A, \*Zhou D, Yan D.** Evaluation of U-Net generated MRI based synthetic CT Images for prostate IMRT treatment planning. Annual Meeting of American Association of Physicists in Medicine (AAPM), Nashville, TN, July 29-August 2, 2018.

**Chen S, Qin A, Torma J, Buelow K, Wilson GD, Yan D.** Deformable image registration performances on registering subsequent 18F-FDG PET/CT images of a growing tumor: An animal study. Annual Meeting of American Association of Physicists in Medicine (AAPM), Nashville, TN, July 29-August 2, 2018.

**Culcasi R, Baran G, Snyder M.** Streamlined end-to-end protocols for standardized SBRT plans. Annual Meeting of American Association of Physicists in Medicine (AAPM), Nashville, TN, July 29-August 2, 2018.

**Culcasi R, Baran G, Snyder M.** Initial patient setup influences image-guided setup accuracy. 60<sup>th</sup> Annual Meeting of American Association of Physicists in Medicine (AAPM), Nashville, TN, July 29-August 2, 2018.

**Dilworth JT, Griffith K, Vicini FA, Hayman JA, Moran JM, Radawski JD, et al, [Gustafson GS].** Increasing use of hypofractionated whole breast irradiation: An analysis of practice patterns within a state-wide quality consortium. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

**Ding X, Chen S, Wang W, Qin A, Li X, \*Zhou J, et al, [Krauss DJ, Stevens CW, Kabolizadeh P, Yan D].** Feasibility of building a deep convolutional neural network for MR image based synthetic-CT for prostate proton planning: A novel method to improve MRI based proton dose calculation accuracy. 60<sup>th</sup> Annual Meeting of American Association of Physicists in Medicine (AAPM), Nashville, TN, July 29-August 2, 2018.

**Ding X, Li X, \*Zhou J, Stevens CW, Yan D, Chinnaiyan P, Kabolizadeh P.** Explore the potential clinical and dosimetric improvements for brain cancer proton beam treatment based on the new delivery and planning technique developments: Collimator based intensity modulated proton therapy and spot-scanning proton arc therapy. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

**Ding X, Li X, \*Zhou J, Stevens CW, \*Sura K, Chinnaiyan P, Grills IS, et al, [Yan D, Kabolizadeh P].** Explore the future of proton hypofractionation treatment-spot-scanning proton arc therapy. 37<sup>th</sup> Annual Meeting of European Society for Radiotherapy and Oncology (ESTRO), Barcelona, Spain, April 20-24, 2018.

**Ding X, Li X, \*Zhou J, Stevens CW, Yan D, Kabolizadeh P.** A novel deliver sequence and efficiency optimization algorithm for spot scanning proton arc therapy. Particle Therapy Co-Operative Group (PTCOG), Cincinnati, OH, May 21-26, 2018.

Foster B, Jackson W, Foster C, Dess R, Abu-Isa E, McLaughlin PW, et al, [Hamstra DA]. Application of a prognostic stratification system for high-risk prostate cancer patients treated with radiotherapy: Implications for treatment optimization. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

## Radiation Oncology

### Abstracts with Associated Research Presentations: continued

Gruner MF, **Vu CC, Marvin K, Ye H, Nandalur SR, Jawad MS**. Outcomes following salvage radiation therapy for recurrent endometrial cancer in patients with no prior adjuvant therapy: An institutional review. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

\*Habib C, \*Wang Y, \*Zhou J, **Li X, Grills IS, Ding X**. Evaluating the dosimetric significance of proton range uncertainty in patients with surgical bone cement. 60<sup>th</sup> Annual Meeting of American Association of Physicists in Medicine (AAPM), Nashville, TN, July 29-August 2, 2018.

Johnson MC, **Quinn TJ, Guerrero TM, Stevens CW, Ye H, Grills IS**. Early outcomes and toxicity after dose escalated radiation therapy using a simultaneous integrated boost technique for locally advanced non-small cell lung cancer (NSCLC). Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

Jolly S, Schipper M, Sun Y, Paximadis PA, Kestin LL, **Grills IS**, et al. Impact of intensity modulated radiation therapy on acute toxicity in locally advanced lung cancer: Results of a large statewide multi-center cohort. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

**Kant S, Prabhu AH, Kesarwani P**, Kumar P, Graham SF, **Chinnaiyan P**. Integrative metabolomics and genomic analysis identifies fatty acid oxidation as a metabolic node in glioblastoma. Annual Meeting of the American Association for Cancer Research (AACR), Chicago, IL, April 14-18, 2018.

**Kesarwani P, Prabhu A, Kant S**, Kumar P, Graham SF, **Buelow K**, et al, [**Wilson GD, Chinnaiyan P**]. Tryptophan metabolism contributes to radiation-induced immune checkpoint reactivation in glioblastoma. Annual Meeting of the American Association for Cancer Research (AACR), Chicago, IL, April 14-18, 2018. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

Kamp J, **Snyder M**, Burmeister J. Improving clinical efficiency and safety through evaluation of treatment delivery data. Annual Meeting of American Association of Physicists in Medicine (AAPM), Nashville, TN, July 29-August 2, 2018.

Kahn J, Gupta A, Mukhopadhyay ND, Khan AJ, Haffty Jr. BG, Brown Jr. SE, et al, [**Chen PY**]. Short course, two-day accelerated hypofractionated partial breast balloon brachytherapy: A phase II multi-institutional trial. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

**Krauss DJ, Ye H**, Martinez AA, **Mitchell B, Sebastian E, Limbacher A**, et al, [**Gustafson GS**]. 5-year outcomes of a single institution prospective trial of 19 Gy single fraction HDR brachytherapy for low- and intermediate-risk prostate cancer. Plenary presentation at Annual Scientific Meeting of the American Brachytherapy Society (ABS) San Francisco, CA, June 7-9, 2018.

**Levitin R**, \*Sura K, **Dilworth JT, Chen PY**. Equivalent outcomes for accelerated partial breast irradiation for invasive lobular carcinoma: A matched pair analysis. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

## Radiation Oncology

### Abstracts with Associated Research Presentations: continued

**Li X, Kabolizadeh P, \*Zhou J, Yan D, Stevens CW, Guerrero TM, et al, [Grills IS, Ding X].** Spot scanning arc therapy for lung cancer: Dosimetric improvement and interplay effect mitigation. 37<sup>th</sup> Annual Meeting of European Society for Radiotherapy and Oncology (ESTRO), Barcelona, Spain, April 20-24, 2018.

**Lin HYD, Galoforo S, Wilson GD.** The role of CD44 in modulating radiosensitivity in vitro. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

**Lin HYD, Sebastian E, Dilworth JT, Limbacher A, Ye H, Grills IS, et al, [Jawad MS, Chen PY].** Dosimetric parameters correlated with acute and chronic toxicity from single entry applicator accelerated partial breast irradiation. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

**Liu G, Ding X, Yang Z, Liang Z, Yang J, Nie X, et al.** A population based statistical model for dose distribution in nasopharynx cancer. Annual Meeting of American Association of Physicists in Medicine (AAPM), Nashville, TN, July 29-August 2, 2018

Loughery B, Halford R, **Snyder M.** Proof of concept of kilovoltage intensity modulated radiotherapy. Annual Meeting of American Association of Physicists in Medicine (AAPM), Nashville, TN, July 29-August 2, 2018.

Matuszak MM, Grubb M, Marsh R, Masi KM, **Lack D**, Dryden DA, et al. Knowledge based quality assurance and improvement in locally advanced lung cancer radiation therapy in a statewide consortium of academic and community practice centers. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

Moran J, Vicini F, Grubb M, **Benedetti L**, Bichay T, Boike T, et al, [**Gustafson GS, Lack D**]. The value of performance metrics in a large statewide consortium: Using planning target volumes towards improvements in breast planning. 60<sup>th</sup> Annual Meeting of American Association of Physicists in Medicine (AAPM), Nashville, TN, July 29-August 2, 2018.

Nalichowski A, **Snyder M**, Rakowski J, et al. Lung dose threshold for interstitial pneumonitis for patients undergoing total body irradiation. 60<sup>th</sup> Annual Meeting of American Association of Physicists in Medicine (AAPM), Nashville, TN, July 29-August 2, 2018.

Nguyen RT, \*Hauck CR, **Dilworth JT, Ye H, Marvin K, Gustafson GS**, et al, [**Chen PY, Jawad MS**]. Comparative outcome analysis of two dose schedules for post-mastectomy radiation therapy. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

Pinder-Arabpour A, Jones B, Castillo R, **Castillo E, Guerrero TM**, Goodman K, et al. Characterizing spatial lung function for esophageal cancer patients. 60<sup>th</sup> Annual Meeting of American Association of Physicists in Medicine (AAPM), Nashville, TN, July 29-August 2, 2018.

## Radiation Oncology

### Abstracts with Associated Research Presentations: continued

**Prabhu AH, Kesarwani P, Kant S, Chinnaiyan P.** Integrative metabolomics and genomic analysis of glioblastoma. Annual Meeting of the American Association for Cancer Research (AACR), Chicago, IL, April 14-18, 2018.

**Prabhu AH, Kant S, Kesarwani P, Chinnaiyan P.** Integrative analyses identify enhanced heterotrophy a metabolic hallmark in glioblastoma. American Association for Cancer Research (AACR) Special Conference on Metabolism and Cancer, New York, NY, September 28-October 1, 2018.

**Prabhu AH, Kant S, Kesarwani P, Chinnaiyan P.** Integrative cross platform analyses identify enhanced heterotrophy as a metabolic hallmark in glioblastoma. Annual Meeting of the Society of Neuro-Oncology (SNO), New Orleans, LA, November 15-18, 2018.

Prabhu RS, Soltys SG, Turner BE, Marcrom S, Fiveash JB, Foreman PM, et al, [**Grills IS, Arden JD, Foster LM**]. Patterns of failure and outcomes based on management of leptomeningeal disease after surgical resection and radiosurgery for brain metastases: A multi-institutional analysis. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

**Quinn TJ, Ding X, Wilson GD,** Sivananthan AP, Epperly M, Franicola D, et al, [**Stevens CW, Kabolizadeh P**]. Proton radioprotection of fanconi anemia (Fanca<sup>-/-</sup>) mouse marrow stromal cell lines by mitochondrial targeted GS-Nitroxide JP-4-039. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

Prabhu RS, Soltys SG, Turner BE, Marcom S, Fiveash JB, Foreman PM, et al, [**Grills IS, Arden J, Foster LM**]. Timing, presentation, and patterns of failure of leptomeningeal disease after surgical resection and radiosurgery for brain metastases: A multi-institutional analysis. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

**Robertson JM, Rutka E, Ye H.** Implementation of a patient experience focused review at the time of radiation therapy simulation. ASCO Quality Care Symposium, Phoenix, AZ, September 28-29, 2018.

**Rutka E, Ye H, Robertson JM.** Factors related to patient satisfaction in radiation oncology. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

**Sala IM, Maurer BA, Myziuk NK, Stevens CW, Guerrero TM.** High frequency percussive ventilation for chest wall motion immobilization. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

**Siddiqui ZA, Vu CC, Thompson A, Dilworth JT, Chen PY.** Historical trends of implantable accelerated partial breast irradiation usage after breast conserving surgery for stage I breast cancer: A SEER analysis. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

## Radiation Oncology

### Abstracts with Associated Research Presentations: continued

**Spann J, Ye H, Marvin K, Jawad MS, Chen PY, Gustafson GS, Dilworth JT.** The impact of chemotherapy on toxicity and cosmetic outcome in patients receiving hypofractionated whole breast irradiation. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

\*Sura K, **Galoforo S, Buelow K, Dabjan M, Grills IS, Wilson GD.** IL-6 receptor antibody preferentially affects tumors in the repopulation phase of growth. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

\*Sura K, **Nandalur SR.** HDR prostate brachytherapy. ARRO Case presented on American Society for Radiation Oncology (ASTRO) website, May 2018.

\*Sura K, **Nandalur SR, Limbacher A.** Vaginal cylinder brachytherapy ARRO image challenge presented on American Society for Radiation Oncology (ASTRO) website, May 2018.

**Thompson A, Quinn TJ, Thibodeau BJ, Douglas J, Peeples C, Cousineau C, et al, [Robertson JM, Wilson GD].** Genomic analysis to predict response to neoadjuvant chemoradiation therapy in rectal cancer. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

**Thompson A, Myziuk NK, Castillo E, Grills IS, Guerrero TM.** 4D CT ventilation predicts for changes in pulmonary perfusion after radiation treatment for lung cancer. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

**Vu CC, \*Zamdborg L, Siddiqui ZA, Gustafson GS, Krauss DJ, Guerrero TM.** Automatic segmentation using convolutional neural networks in prostate cancer. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

**Vu CC, \*Zamdborg L, Siddiqui ZA, Castillo E, Guerrero TM.** Automatic segmentation of organs-at-risk using convolutional neural networks. Michigan Radiological Society, 21<sup>st</sup> Annual Resident Section Conference and Research Forum, Auburn Hills, MI, February 16, 2018.

**Wang WGA, Chen PY, Ye H, Yan D, Hauck CR, Chen S, et al, [Johnson M, Krauss DJ].** Long term outcomes of a positron emission tomography (PET) -based adaptive radiation therapy protocol in locally advanced head and neck cancer. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

Yuan JC, **Siddiqui ZA, Krauss DJ, Seymour ZA, Grills IS.** Stereotactic radiosurgery as a component of treatment for brain metastases in small cell lung cancer patients. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

Zhong Y, Vinogradskiy Y, Chen L, **Myziuk N, Castillo R, Castillo E, et al, [Guerrero TM].** Deriving ventilation imaging from 4DCT by deep learning convolutional neural network. 60<sup>th</sup> Annual Meeting of American Association of Physicists in Medicine (AAPM), Nashville, TN, July 29-August 2, 2018.

## Radiation Oncology

### Abstracts with Associated Research Presentations: continued

\*Zhou J, Li X, **Kabolizadeh P, Liang J, Yan D, Stevens CW, Ding X**. A novel proton computed tomography acquisition and reconstruction based on the pencil beam scanning spot and energy decomposition technique. 60<sup>th</sup> Annual Meeting of American Association of Physicists in Medicine (AAPM), Nashville, TN, July 29-August 2, 2018.

\*Zhou J, **Li X, Kabolizadeh P, Liang J, Yan D, Stevens CW, Ding X**. Stopping power ratio (SPR) uncertainty in pencil beam scanning (PBS) proton CT (pCT) reconstruction: Dependency on energy straggling and detector energy resolution. Annual Meeting of Radiological Society of North America (RSNA), Chicago, IL, November 25-30, 2018

### Invited Research Presentations:

**Castillo E**. Algorithms for quantifying biomechanical properties from dynamic imaging. IEEE Corona Chapter Meeting University of Texas at Tyler, Houston Engineering Center, Houston, TX, December 4, 2018.

**Castillo E**. CT-derived functional imaging and its applications. University of Houston, Mathematics Department, Image Analysis Seminar, Houston, TX, February 13, 2018.

**Castillo E**. CT-derived functional imaging for radiation dose response modeling. Center for Computational Oncology Seminar Series, University of Texas at Austin, Austin, TX, January 31, 2018.

**Chinnaiyan P**. Proton beam therapy program at Beaumont Royal Oak. 2018 Minimally Invasive Neurosurgical Society (MINS) Meeting, Mackinac Island, MI, August 9-11, 2018.

**Chen PY**. Genomics to personalize breast cancer treatment: On the evolving road to minimize overtreatment. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

**Chen PY**. Panel: The radiobiological bases of novel radiation treatment schemes for breast cancer. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

**Ding X**. Proton beam therapy development in the era of pencil beam scanning and beyond. Union Hospital, Wuhan, China, March 30, 2018.

**Ding X**. Clinical commission and operation of a proton center with pencil beam scanning. Ruijin Hospital Proton Therapy Center, Shanghai, China, April 9, 2018.

**Ding X**. Proton beam therapy development in the era of pencil beam scanning and beyond. Shenzhen Cancer Center, Shenzhen, China, April 11, 2018.

**Ding X**. Arc therapy: A combination of robustness and increased conformality? IBA Proteus User Meeting, Stockholm, Sweden, March 10-11, 2018.

## Radiation Oncology

### Invited Research Presentations:

**Ding X.** Acceptance and commission of a proton system. IBA Proteus User Meeting, Stockholm, Sweden, March 10-11, 2018.

**Ding X.** Clinical use of 4pi radiotherapy: The past, now and future. The Southeast Chapter of the American Association of Physicists in Medicine (SEAAPM) Symposium, Greenville, SC, February 22-24, 2018.

**Ding X.** The status of the proton beam therapy. 2018 Nuclear Medicine Technologist Conference, Royal Oak, MI, January 27, 2018.

**Hamstra DA.** Debate on the role of prostate/rectal spacers on NRG trials: Arguing for the affirmative. NRG/RTOG Semi-Annual Meeting, Phoenix, AZ January 25-17, 2018.

**Snyder M.** Framing new therapeutic windows. Integrated Course in Biology and Physics in Radiation Oncology (IBPRO) NIH R25 Sponsored, Wayne State University, Detroit, MI, April 27-May 2, 2018.

**Snyder M.** Predicting the radiological effectiveness of novel radiotherapies. Medical Physics Conference, Beaumont Health Systems, October 17, 2018.

**Wilson GD.** Clinical development of drug-radiotherapy combinations. Food and drug Administration (FDA)/American Association for Cancer Research (AACR)/American Society for Radiation Oncology (ASTRO) Regulatory Science and Policy Workshop, Bethesda, MD, February 22-23, 2018.

**Wilson GD.** The radiobiology of innovative modes of breast cancer treatment: From tumor microenvironment to normal tissue effects. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

**Wilson GD.** The translational potential of liquid biopsies for predicting radiation response. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.

**Yan D.** Advances of proton therapy technologies. Chinese Society of Medical Physics, Beijing, China, August 23-26, 2018.

**Yan D.** Multi-modality ART. 60<sup>th</sup> Annual Meeting of American Association of Physicists in Medicine (AAPM), Nashville, TN, July 29-August 2, 2018.

**Yan D.** Adaptive radiotherapy: Current status. SEAAPM Emerging Technologies Symposium, Greenville, SC, February 22-23, 2018.

**Yan D.** Quality control assurance in clinical application of IGRT. 13<sup>th</sup> Pan-Pearl-River Area Congress of Radiation Oncology (PPRA-RTOG) Conference, Wuhan, China, April 12-15, 2018.

# RESEARCH INSTITUTE

RESEARCH ADMINISTRATION



# RESEARCH INSTITUTE

## Research Administration

### Peer-Reviewed Articles:

Egan C, Randhawa S, Stewart JM, **Liu Q**, Hunyor AP, Kreiger A, et al. Peripapillary pachychoroid syndrome. *Retina*. 2018 Sep;38(9):1652-1667.

**Klaver AC**, Coffey MP, Aasly JO, Loeffler DA. CSF lamp2 concentrations are decreased in female Parkinson's disease patients with LRRK2 mutations. *Brain Res*. 2018;1683:12-16.

Loeffler DA, **Klaver AC**, **Coffey M**, Aasly JO. Cerebrospinal fluid concentration of key autophagy protein lamp2 changes little during normal aging. *Front Aging Neurosci*. 2018;10:130.

Sutherland EL, Dabajeh MM, Zintsmaster S, Feraco DK, Bassett MJ, Davila FR, et al, [**Coffey M**]. A retrospective evaluation of time to obtain an MRI for English-versus non-English-speaking patients. *J Am Coll Rad*, published online July 26, 2018.

### Abstracts with Associated Research Presentations:

Said A, \*Keeney S, \*Matka M, Hafeez A, Dalal B, George J, **Qu L**, Ha A. Concomitant use of direct oral anticoagulants and aspirin in atrial fibrillation and flutter. American College of Physicians (ACP) Michigan Chapter Scientific Meeting, Acme, MI, October 13-15, 2018.

Siljander M, Cross J, \*Lilly R, Baker KC, **Coffey M**, Verner JJ. Primary total hip arthroplasty instability following lumbosacral fusion: What are the risk factors? Annual Meeting of the American Association of Hip and Knee Surgeons, Dallas, TX, November 1-3, 2018.

Siljander M, Cross J, \*Lilly R, Kurdziel MD, Baker KC, **Coffey M**. Primary total hip arthroplasty instability following lumbosacral fusion: What are the risk factors? Annual Meeting of the Michigan Orthopaedic Society, Mackinac Island, MI, June 22-24, 2018.

# **SUBSPECIALTY DIVISIONS OF SURGICAL SERVICES**

**BREAST CARE CENTER**

**GENERAL SURGERY**

**MULTI-ORGAN TRANSPLANT SURGERY**

**NEUROSURGERY**

**OTOLARYNGOLOGY**

**PEDIATRIC SURGERY**

**PLASTIC SURGERY**

**THORACIC SURGERY**

**VASCULAR SURGERY**

# BREAST CARE CENTER

## Abstracts with Associated Research Presentations:

**Parma CM, Dilworth JT, Pople BS, Boura J, Dekhne NS.** Investigation into the utilization of accelerated partial breast irradiation in early stage breast cancer patients. American Society of Breast Surgeons 19<sup>th</sup> Annual Meeting and Scientific Session, Orlando, FL, May 2-6, 2018.

**Parma CM, Dilworth JT, Pople BS, Dekhne, NS.** Local control practices in early stage breast cancer after publication of the 2014 SSO Invasive Breast Disease Guidelines. American Society of Breast Surgeons 19<sup>th</sup> Annual Meeting and Scientific Session, Orlando, FL, May 2-6, 2018.

**Pople BS, Parma CM, Dekhne NS.** The impact of genetic referral on surgical decision-making in newly diagnosed, early stage breast cancer patients. International Multidisciplinary Breast Symposium, Dubai, Dubai, February 13-15, 2018.

**Pople BS, Parma CM, Wu C, Dekhne NS, Chen PY.** A single institution review of APBI using brachytherapy versus IORT: A pattern of care analysis. Targit Collaborative Group 2<sup>nd</sup> Annual Meeting, Las Vegas, NV, April 13, 2018.

# GENERAL SURGERY

## Book Chapter or Full Book Publications:

**Luehmann N, Staubach ME, Begum A, Collier PJ, Han RE, Riggs TW, [Novotny NM].** Benefits of a family-centered approach to pediatric induction of anesthesia. J Pediatr Surg.2019; 54(1):189-193.

Puligandia PS, **Novotny NM, Luehman N**, Petroze R, Langenberg S. Parathyroid disorders. In: Hirschl R, Powell D, Waldhausen J, editors. Pediatric surgery, not a textbook [book on the Internet] Oakbrook Terrace, IL: American Pediatric Surgical Association and Unbound Medicine; 2018. Available from <https://www.pedsurglibrary.com>

## Abstracts with Associated Research Presentations:

**Abbott EA, Chan JC, Novotny NM.** In pursuit of the most cost effective laparoscopic appendectomy: The effect of disposables on operative time and surgeon-controllable operative cost. International Pediatric Endosurgery Group 26<sup>th</sup> Annual Congress for Endosurgery in Children, London, England, July 19-22, 2017.

**Abbott EA, Hothem Z, \*Thibodeau B, Keidan R.** Predicting cancer risk in patients with atypical ductal hyperplasia at the genomic level K. Shaffer. 70<sup>th</sup> Society of Surgical Oncology Annual Cancer Symposium, Seattle, WA, March 15-18, 2017.

**Al-Hadidi A.** How early intraoperative PTH levels can aid in surgical decision making. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

**Baker D.** Transition from an open based surgical ICU model to a mixed surgical ICU model at a level I trauma center. 65<sup>th</sup> Annual Michigan Chapter American College of Surgeons, Traverse City, MI, May 16-18, 2018.

**Baker D.** Intramural hematomas of the thoracic aorta: Current management strategies and outcomes. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

**Cirino J.** Influence of final intraoperative parathyroid hormone levels on long-term recurrence after parathyroidectomy. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

**Demare A.** Robotic GPRVS: An innovative approach to the repair of bilateral inguinal hernias. Americas Hernia Conference, Miami Beach, FL, March 13-15, 2018.

**Demare A.** The efficiency of family-centered approach to pediatric induction of anesthesia. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

**Demare A.** Benefits of a family-centered approach to pediatric induction of anesthesia. 40<sup>th</sup> Annual Southeast Michigan Center for Medical Education Research Forum, Dearborn, MI, May 23, 2018.

**Kawak S.** Rectal cancer biomarkers as predictors of response to neoadjuvant therapy. 65<sup>th</sup> Annual Michigan Chapter American College of Surgeons, Traverse City, MI, May 16-18, 2018.

## General Surgery

### Abstracts with Associated Research Presentations: continued

**Kawak S.** A diagnosis of cutaneous anal melanoma after long-term TNF inhibitor use. American Society of Colon and Rectal Surgeons, Nashville, TN, May 19-23, 2018.

**Lapkus M.** A case of locally advanced anaplastic thyroid cancer with complete response to chemoradiation therapy. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

**Luehmann N.** Implementation of a pediatric trauma cervical spine clearance pathway. 65<sup>th</sup> Annual Michigan Chapter-American College of Surgeons, Traverse City, MI, May 16-18, 2018. 40<sup>th</sup> Annual Southeast Michigan Center for Medical Education Research Forum, Dearborn, MI, May 23, 2018. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

**Luehmann N.** Influence of final intraoperative parathyroid hormone levels on long-term recurrence after parathyroidectomy. 39<sup>th</sup> Annual Meeting of the American Association of Endocrine Surgeons, Durham, NC, May 6-8, 2018.

**Luehmann N.** The efficiency of a family-centered approach to pediatric induction of anesthesia. American Pediatric Surgical Association, Palm Desert, CA, May 3-6, 2018.

**Luehmann N.** Early intraoperative PTH values can help guiding surgical decision making. 13<sup>th</sup> Annual Academic Surgical Congress, Jacksonville, FL, January 30-February 1, 2018.

**Pastewski J.** Concomitant parathyroidectomy and thyroidectomy outcomes. 65<sup>th</sup> Annual Michigan Chapter American College of Surgeons, Traverse City, MI, May 16-18, 2018. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

### Invited Research Presentations:

**Cirino J.** Implementation of pediatric trauma cervical spine clearance pathway-initial results. American College of Surgeons Quality and Safety Conference, Orlando, FL, July 21-24, 2018.

**\*Moudgil P.** Closure devices: What every interventionalist should know. Society of Interventional Oncology, Boston, MA, June 7-10, 2018.

**Shaffer K.** Trends in the surgical management of pediatric empyema. 13<sup>th</sup> Annual Academic Surgical Congress, Jacksonville, FL, January 30-February 1, 2018.

**Vasyluk A.** Hybrid robotics versus open transversus abdominis release: A comparison of short term outcomes. Americas Hernia Conference, Miami Beach, FL, March 13-15, 2018.

### Non Peer-Reviewed Research Publications:

**Al-Hadidi A, Nassar I, Amro W, Shaltaf A, Novotny N.** Decision making in pediatric persistent Mullerian duct syndrome. Ann Pediatr Surg. 2018 Jan1;14(1).

## General Surgery

### Non Peer-Reviewed Research Publications: continued

**Baker D**, Finkel MA, Filkel KA, Morden R. Infantile hypertrophic pyloric stenosis in monozygotic twins: A case report and review of genetic and modifiable risk factors. *Annals of Pediatric Surgery*, April 26, 2018.

\***Sevak S**, Lurvey B, Woodfin A, **Hothem Z**, Callahan RE, Robbins J, et al. Solid, cystic and tubular: Novice ultrasound skills training using a versatile, affordable practice model. *J Surg Educ*. 2018 Apr 9. pii: S1931-7204(17)30548-2.

\***Sevak S**, Woodfin AA, **Hothem Z**, Callahan RE, Robbins J, Ziegler K. Gelatin thoracic paravertebral teaching model for placement of a continuous infusion catheter in the extrathoracic paravertebral space. *J Surg Educ*. 2018 Feb 9. pii: S1931-7204(17)30571-8. doi:

# MULTI-ORGAN TRANSPLANTATION

## Peer-Reviewed Articles:

Cousineau C, Kumar T, Roszka JP, Lewinski KL, Li W, Kanaan HD, et al, [**Cohn S, Samarapungavan D**]. There is a high sensitive and specific correlation between frozen and permanent sections in renal transplant biopsies. *Transplant Proc.* 2018 Dec;50(10):3473-3477.

Tapper A, Marin M, **Samarapungavan D**, Jones P, Hafron J. Management of metastatic castrate-resistant prostate cancer following renal transplantation. *Case Rep Imag Surg.* 2018;1(2)-1-4.

## Abstracts with Associated Research Presentations:

Aljasseem A, Hall L, **Cohn S, Bedi D**, Alsibae M, Putchakayala K, et al, [**Samarapungavan D, Koffron A**]. Closing pandora's box: An evidence based approach to opioid-tolerant patients following transplantation. The case for IV methadone. *Am J Transplant.* 2018;18(4). American Transplant Congress, Royal Oak, MI, June 5, 2018.

Dzubnar j, **Putchakayala K**. Comparing pyogenic liver abscess interventional treatment modalities. Michigan Chapter American College of Surgeons, Traverse City, MI, May 16-18, 2018.

# NEUROSURGERY

## Peer-Reviewed Articles:

Beeravolu N, Brougham J, Khan I, McKee C, **Perez-Cruet M**, Chaudhry GR. Human umbilical cord derivatives regenerate intervertebral disc. J Tissue Eng Regen Med. 2018 Jan;12(1): e579-e591.

McKee C, Beeravolu N, Bakshi S, \*Thibodeau B, Wilson G, **Perez-Cruet M**, et al. Cytotoxicity of radiocontrast dyes in human umbilical cord mesenchymal stem cells. Toxicol Appl Pharmacol. 2018 Jun 15;349:72-82.

Wang AC, **Fahim DK**. Safety and efficacy of balloon kyphoplasty at 4 or more levels in a single anesthetic session. J Neurosurg Spine. 2018 Apr;28(4):372-8.

## Abstracts with Associated Research Presentations:

**Fahim DK**. Anatomic variations in recurrent laryngeal nerve anatomy. Academy of Clinical Anatomists, Atlanta, GA, July 8-12, 2018.

**Perez-Cruet M**. Novel device to achieve intervertebral disc regeneration using human stem cell generated nucleus pulposus cells. 34<sup>th</sup> Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), Orlando, FL, March 14-17, 2018.

**Perez-Cruet M**. Potential of human NP-like cells derived from umbilical cord to treat degenerative disc disease: Novel mechanism for disc regeneration. 34<sup>th</sup> Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), Orlando, FL, March 14-17, 2018.

**Perez-Cruet M**. Assessment of clinical outcomes and efficacy of minimally invasive transforaminal lumbar interbody fusion (TLIF) in degenerative lumbar scoliosis with debilitating back pain. 34<sup>th</sup> Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), Orlando, FL, March 14-17, 2018.

**Perez-Cruet M**. Assessment of clinical outcomes and efficacy of minimally invasive transforaminal lumbar interbody fusion (TLIF) in obese patients with debilitating back pain from spondylolisthesis. 34<sup>th</sup> Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), Orlando, FL, March 14-17, 2018.

**Perez-Cruet M**. Minimally invasive transforaminal lumbar interbody fusion using a novel autograft bone collector is a cost-saving alternative method for spinal fusion surgery. 34<sup>th</sup> Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves (AANS/CNS), Orlando, FL, March 14-17, 2018.



## Neurosurgery

### Invited Research Presentations:

**Fahim DK.** Advances and updates in neurosurgical oncology. OUWB Radiation Oncology Department Resident Lecture Series, Royal Oak, MI, April 20, 2018.

**Fahim DK.** Advances in minimally invasive management of spinal metastases. Michigan Association of Neurological Surgeons, Crystal Mountain, MI, June 8-10, 2018.

**Fahim DK.** Advances in cervical disc arthroplasty. Minimally Invasive Neurosurgical Society, Mackinac Island, MI, August 9-11, 2018.

**Perez-Cruet M.** Stem cell based intervertebral disc regeneration. Mazama Spine Summit, Winthrop, Washington, January 26-28, 2018.

**Perez-Cruet M.** Minimally invasive treatment of levodextroscoliosis. Winter Clinics, Snowmass, CO, February 25, 2018.

**Perez-Cruet M.** Surgical treatment of levodextroscoliosis in the elderly patient. Michigan Association of Neurological Surgeons, May 8, 2018.

**Perez-Cruet M.** Minimally invasive transforaminal lumbar interbody fusion (TLIF): Improving spinal fusion and patient outcomes. Latin American Spine Symposium, Miami, FL, July 22, 2018.

**Perez-Cruet M.** Minimally invasive spine techniques and operative nuances. Minimally Invasive Neurosurgical Society, Mackinac Island, MI, August 9-11, 2018.

**Perez-Cruet M.** Daniel Roy Pieper lecture: Introduction. Minimally Invasive Neurosurgical Society, Mackinac Island, MI, August 9-11, 2018.

# OTOLARYNGOLOGY

## Peer-Reviewed Articles:

Arianpour K, Nguyen B, Yuhan B, Svider PF, Eloy JA, **Folbe AJ**. Opioid prescription among sinus surgeons. *Am J Rhinol Allergy*. 2018 July;32(4):323-329.

Arianpour K, Svider PF, Guys N, Shenouda K, Folbe E, Hsueh WD, et al, [**Folbe AJ**]. Incorporation of antibiotics and systemic steroids by sinus surgeons: Is there widespread consensus? *Int Forum Allergy Rhinol*. 2018 Sep;8(9):1034-1040.

Arianpour K, Svider PF, Yuhan B, Hooda Z, Eloy JA, **Foble AJ**. Evolving patterns in the diagnosis and management of allergy mediated disorders. *Int Forum Allergy Rhinol*, published online May 21, 2018.

Hojjat H, Svider PF, Hong R, **Folbe AJ**, Eloy JA, Shkoukani MA. In response to image or not to image? A cost-effectiveness analysis of MRI for patients with asymmetric sensorineural hearing loss. *Laryngoscope*, published online November 28, 2018.

Luryi AL, Lawrence J, **Bojrab DI, LaRouere M, Babu S, Hong R**, et al, [**Sargent E, Chan E, Naumann IC**]. Patient, disease, and outcome characteristics of benign paroxysmal positional vertigo with and without Meniere's disease. *Acta Oto-Laryngologica*. 2018 Oct;138(10):893-897.

Luryi A, Lawrence J, **Bojrab DI, LaRouere M, Babu S, Zappia J**, et al, [**Sargent E, Chan E, Naumann I, Hong R**]. Recurrence in benign paroxysmal positional vertigo: A large, single-institution study. *Otol Neurotol*. 2018 Jun;39(5):622-627.

Luryi AL, Lawrence J, **LaRouere MJ, Babu S, Bojrab DI, Zappia J**, et al, [**Sargent EW**]. Treatment of patients with benign paroxysmal positional vertigo and severe immobility using the particle repositioning chair: A retrospective cohort study. *Ann Otol Rhinol Laryngol* 2018 Jun;127(6):390-394.

Luryi A, Wright D, Lawrence J, **Babu S, LaRouere M, Bojrab DI**, et al, [**Sargent E, Zappia J**]. Analysis of non-posterior canal benign paroxysmal positional vertigo in patients treated using the particle repositioning chair: A large, single institution series. *Am J Otolaryngol*. 2018 Jun;39(3):313-316.

Nguyen BK, Blasco M, Svider PF, Lin H, Liu JK, Eloy JA, et al, [**Folbe AJ**]. Recurrence of ventral skull base lesions attributed to tumor seeding: A systematic review. *World Neurosurg*. 2018 Dec 31; pii:S1878-8750(18)32927-9.

Nguyen BK, Patel NM, Arianpour K, Svider PF, **Folbe AJ**, Hsueh W, et al. Characteristics and management of sinonasal paragangliomas: A systematic review. *Int Forum Allergy Rhinol*, published online December 20, 2018.

Nguyen BK, Yuhan BT, Folbe E, Eloy JA, Zuliani G, Hsueh W, et al, [**Folbe AJ**]. Perioperative analgesia for patients undergoing septoplasty and rhinoplasty: An evidence-based review. *Laryngoscope*, published online December 25, 2018.

Ramsey T, Svider PF, **Folbe AJ**. Health burden and socioeconomic disparities from hearing loss: A global perspective. *Oto Neurotol*. 2018 Jan;39(1):12-16.

## Otolaryngology

### Peer-Reviewed Articles: continued

Schutt CA, **Sargent E**, Kabolizadeh P, Grill IS, Jacob J. Proton beam radiation-induced glioblastoma multiforme. *J Neurosurg Sci*, published online March 26, 2018.

Svider PF, Arianpour K, Guo E, Folbe E, Zuliani G, Lin H, **[Folbe AJ]**. Opioid prescribing patterns among otolaryngologists: Crucial insights among the medicare population: Opioid prescription among otolaryngologists. *Laryngoscope*. 2018 Jul;128(7):1576-1581.

Svider PF, Arianpour K, Nguyen B, Hsueh WD, Langer PD, Eloy JA, et al, **[Folbe AJ]**. Endoscopic and external approaches for orbital decompression: An analysis of trends from a U.S. perspective. *Int Forum Allergy Rhinol*, published online April 12, 2018.

Svider PF, Nguyen B, Yuhan B, Zuliani G, Eloy JA, **Folbe AJ**. Perioperative analgesia for patients undergoing endoscopic sinus surgery: An evidence-based review. *Int Forum Allergy Rhinol*. 2018 Jul;8(7):837-849.

# PEDIATRIC SURGERY

## Peer-Reviewed Articles:

Bayci A, **Akay B**. Advanced techniques in the use of negative-pressure therapy for closure of complex neonatal abdominal wounds. J Wound Ostomy Continence Nurs. 2018 Sept/Oct;45(5):468-471.

Luehmann N, Staubach M, **Akay B**, Collier P, Han R, Riggs T, et al, [**Novotny N**]. Benefits of a family-centered approach to pediatric induction of anesthesia. J Pediatr Surg, published online October 5, 2018.

Salman B, Sharma J, Knapp A, **Akay B**, Gibson D. Kaposiform hemangioendothelioma causing intestinal obstruction. J Pediatr Surg Case Reps. 2018 Jan;28:9-12.

## Book Chapter or Full Book Publications:

Cirino J, Luehmann N, DeMare A, Pastewski J, Al-Hadidi A, **Novotny N**, et al, [**Akay B**]. Implementation of pediatric trauma cervical clearance pathway. In: American College of Surgeons. Best practices case studies. V. 9. Chicago: American College of Surgeons; July 2018. p.9-15.

## Abstracts with Associated Research Presentations:

Al-Hadidi A, Luehmann N, Cirino J, Pastewski J, DeMare A, **Akay B**. Implementation of pediatric cervical spine clearance pathway. 3<sup>rd</sup> Annual Michigan Summit on Quality Improvement and Patient Safety, Troy, MI, June 1, 2018. Michigan Pediatric Trauma Conference, Detroit, MI, June 7, 2018.

Cirino J, Luehmann N, DeMare A, Pastewski J, Al-Hadidi A, **Novotny N**, et al, [**Akay B**]. Implementation of pediatric trauma cervical spine clearance pathway: Initial results. American College of Surgeons (ACS) Quality and Safety Conference, Orlando, FL, July 21-24, 2018.

DeMare A, Luehmann N, **Akay B**, Staubach M, Collier P, Han R, et al, [**Novotny N**]. Benefits of a family-centered approach to pediatric induction of anesthesia. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018. Annual Southeast Michigan Center for Medical Education Research Forum, Detroit, MI, May 23, 2018.

Jones G, **Akay B**, Adams L. Organoaxial gastric volvulus in a healthy child. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018. 59<sup>th</sup> Annual Meeting of the Midwest Society for Pediatric Research, Beaumont Children's; Royal Oak, MI, October 4-5, 2018.

Luehmann N, Staubach M, **Akay B**, Collier P, Han R, Riggs T, et al, [**Novotny N**]. Benefits of a family-centered approach to pediatric induction of anesthesia. American Pediatric Surgical Association Annual Meeting, Desert Springs, CA, May 3-6, 2018.

## Pediatric Surgery

### Abstracts with Associated Research Presentations: continued

Luehmann N, Cirino J, DeMare A, Pastewski J, Al-Hadidi A, **Novotny N**, et al, [**Akay B**]. Implementation of pediatric trauma cervical spine clearance pathway. Michigan Chapter of the American College of Surgeons 65<sup>th</sup> Annual Meeting and 67<sup>th</sup> Annual Resident Surgeons Competition; Traverse City, MI, May 16-18, 2018. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018. Annual Southeast Michigan Center for Medical Education Research Forum; Detroit, MI, May 23, 2018. Pediatric Trauma Society 5<sup>th</sup> Annual Meeting; Houston, TX, November 8-10, 2018. Region V Trauma Paper Competition. American College of Surgeons, Indianapolis, IN, November 15-17, 2018.

Sevak S, **Akay B**, Bloom D. Anomalous pancreatic ductal system causing a delayed diagnosis of duodenal atresia. Detroit Surgical Association Monthly Meeting, Detroit, MI, February 26, 2018.

# PLASTIC SURGERY

## Peer-Reviewed Articles:

**Chaiyasate K**, Ysunza PA, Spolyar J, Genova R, Andrade P. Palatal protective stents prevent oro-nasal fistulas after surgery for velopharyngeal insufficiency: A preliminary report. Dent J. 2018 Jul;6(3):pii:E29.

Lohasammakul S, Turbpaiboon C, **Chaiyasate K**. Anatomy of medial plantar superficial branch artery perforators: Facilitation of medial plantar superficial branch artery perforator (MPAP) flap harvesting and design for finger pulp reconstruction. Microsurgery, published online March 25, 2018.

## Abstracts with Associated Research Presentations:

**Chaiyasate K**, Oliver L, Kaura A, Boonipat T. Utilization of microsurgical techniques in craniofacial surgery: A chimeric approach to craniofacial reconstruction in pediatric patients. The American Society for Reconstructive Microsurgery Annual Meeting, Phoenix, AZ, January 13-16, 2018.

**Chaiyasate K**, Oliver L, Kaura A, Boonipat T. The role of the plastic surgeon in skull base reconstruction: A single surgeon's five-year experience. The American Society for Reconstructive Microsurgery Annual Meeting, Phoenix, AZ, January 13-16, 2018.

## Invited Research Presentations:

**Chaiyasate K**. Utilization of microsurgical techniques in craniofacial surgery: A chimeric approach to craniofacial reconstruction in pediatric patients. 30<sup>th</sup> Biennial Michigan Academy of Plastic Surgeons Conference, Mackinac Island, MI, July 22-25, 2018.

**Chaiyasate K**. Medial femoral epicondyle periosteal free flap: Is there a role in mandibular reconstruction in osteoradionecrosis of the mandible? 30<sup>th</sup> Biennial Michigan Academy of Plastic Surgeons Conference, Mackinac Island, MI, July 22-25, 2018.

Hobson G, **Chaiyasate K**. Clinical application of cranial distractor with z-shaped osteotomy in unilateral lambdoid craniosynostosis. 30<sup>th</sup> Biennial Michigan Academy of Plastic Surgeons Conference, Mackinac Island, MI, July 22-25, 2018.

Roham A, **Chaiyasate K**. Augmentation of hemifacial atrophy using autologous free flap. 30<sup>th</sup> Biennial Michigan Academy of Plastic Surgeons Conference, Mackinac Island, MI, July 22-25, 2018.

Roham A, **Chaiyasate K**, Topf J. Single bipediced fibula free flap reconstruction of bilateral mandibular body: A case report. 30<sup>th</sup> Biennial Michigan Academy of Plastic Surgeons Conference, Mackinac Island, MI, July 22-25, 2018.

# THORACIC SURGERY

## Peer-Reviewed Articles:

Brindle ME, Henrich N, Foster A, Marks S, Rose M, **Welsh R**, et al. Implementation of surgical debriefing programs in large health systems: An exploratory qualitative analysis. BMC Health Serv Res. 2018 Mar 27;18(1):210.

Seder CW, Raymond D, Wright CD, Gaissert HA, Chang AC, Clinton S, et al, [**Robert Welsh**]. The society of thoracic surgeons general thoracic surgery database 2018 update on outcomes and quality. Ann Thorac Surg. 2018 May;105(5):1304-1307.

## Invited Research Presentations:

**Fenton J.** Surgery: Robotics and minimally invasive surgery. 4<sup>th</sup> Annual Beaumont Interdisciplinary Oncology Symposium, Innovations in Cancer Care, Southfield, MI, October 19, 2018.

# VASCULAR SURGERY

## Peer-Reviewed Articles:

Baker D, **Long GW**, Callahan R, Studzinski D, Altshuler J, **Brown OW**. Intramural hematomas of the thoracic aorta: Current management and outcomes: A single institutions experience over a decade. J Vasc Surg. 2018 Sep;68(3):e53-e54.

Calligaro KD, Amankwah KS, D'Ayala M, **Brown OW**, Collins PS, Eslami MH, et al. Guidelines for hospital privileges in vascular surgery and endovascular interventions: Recommendations of the Society for Vascular Surgery. J Vasc Surg. 2018. May;67(5):1337-1344.

## Abstracts with Associated Research Presentations:

Baker D, **Long GW**, Callahan RE, Studzinski DM, Altshuler J, **Brown OW**. Intramural hematomas of the thoracic aorta: Current management strategies and outcomes. Detroit Surgical Association, Detroit, MI, April 23, 2018. Michigan Chapter American College of Surgeons 65<sup>th</sup> Annual meeting, Traverse City, MI, May 16-18, 2018. 48<sup>th</sup> Annual Residents' and Fellows' Research Forum, Royal Oak, MI, May 22, 2018.

**Dombrowski DM, Long GW, Brown OW**. Is routine chest CT scan indicated in all patients with abdominal aortic aneurysm. Society for Vascular Surgery 2018 Vascular Annual Meeting, Boston MA, June 21-22, 2018.

## Invited Research Presentations:

Baker D, **Long GW**, Altshuler J, Studzinski D, Callahan R, **Brown OW**. Intramural hematomas of the thoracic aorta: Current management strategies and outcomes. Midwestern Vascular Surgical Society, St. Louis, MO, September 14, 2018.

**Brown OW**. Intra-operative assessment of carotid revascularization: Management strategies for vascular patients. Endovascular Therapies Conference, Pinehurst, NC, October 26, 2018.

**Brown OW**. Managing vascular graft infections: Management strategies for vascular patients. Endovascular Therapies Conference, Pinehurst, NC, October 26-27, 2018.

**Brown OW**. Moderator: Aortic disease management: Management strategies for vascular patients. Endovascular Therapies Conference, Pinehurst, NC, October 26-27, 2018.

**Brown OW**. Moderator: Aneurysm management: Management strategies for vascular patients. Endovascular Therapies Conference, Pinehurst, NC, October 26-27, 2018.

**Brown OW**. Panelist/Moderator: Management strategies for vascular patients, Endovascular Therapies Conference, Pinehurst, NC, October 26-27, 2018

**Brown OW**. What you don't know can hurt you. Vascular Society of New Jersey, Somerset, New Jersey, November 1, 2018.



## Vascular Surgery

### Invited Research Presentations: continued

**Brown OW.** Vascular surgery has evolved into a specialty separate and distinct from general surgery: It should now have its own separate governing bodies: Many benefits will accrue. Vascular and Endovascular Issues (VEITH) Symposium, New York, NY, November 13-17, 2018.

**Brown OW.** How to neutralize and unmask hostile medical expert witnesses and their testimony. Vascular and Endovascular Issues (VEITH) Symposium, New York, NY, November 13-17, 2018.

**Brown OW:** How to avoid medical malpractice. The Mote Vascular Symposium, Sarasota, FL, November 30-December 1, 2018.

**Brown OW.** How to operate and dictate like a lawyer. The Mote Vascular Symposium, Sarasota, FL, November 30-December 1, 2018.

**Brown OW.** Government regulations: What you need to stay legal. The Mote Vascular Symposium, Sarasota, FL, November 30-December 1, 2018.

Dombrowski D, **Long GW**, Studzinski D, Chan J, **Brown OW.** Is routine chest CT indicated in all patients with abdominal aortic aneurysm? Michigan Chapter American College of Surgeons, Traverse City, MI, May 17, 2018. Society for Vascular Surgery 2018 Vascular Annual Meeting, Boston MA, June 21-22, 2018.

# UROLOGY

## Peer-Reviewed Articles:

Albitar M, Ma W, Lund L, Shahbaba B, Uchio E, Feddersen S, et al, [**Moylan D, Wojno KJ**]. Prostatectomy-based validation of combined urine and plasma test for predicting high grade prostate cancer. *Prostate*. 2018 Mar;78(4):294-299.

Barrick L, Cohen DM, **Schober MS**, Schwaderer A. National imaging trends of recurrent pediatric urolithiasis. *Pediatr Emerg Care*, published online January 2, 2018.

**Bartolone SN**, Tree MO, Conway MJ, **Chancellor MB**, **Lamb LE**. Reverse transcription-loop-mediated isothermal amplification (RT-LAMP) assay for zika virus and housekeeping genes in urine, serum, and mosquito samples. *J Vis Exp*. 2018 Sep 14;(139).

\***Bartley J**, **Han E**, \***Gupta, P**, \***Gaines N**, \***Killinger KA**, \*Boura JA, et al, [**Gilleran J**, **Sirls LT**, **Peters KM**]. Transvaginal trigger point injections improve pain scores in women with pelvic floor hypertonicity and pelvic pain conditions. *Female Pelvic Med Reconstr Surg*, published online April 4, 2018.

Blair BM, Lehman EB, **Jafri SM**, Kaaq MG, Raman JD. Predicted versus observed 30-day perioperative outcomes using the ACS NSQIP surgical risk calculator in patients undergoing partial nephrectomy for renal cell carcinoma. *Int Urol Nephrol*. 2018 Jul;50(7):1249-1256.

Carty JN, Ziadni MS, Holmes HJ, **Tomakowsky J**, **Peters K**, Schubiner H, et al. The effects of a life stress emotional awareness and expression interview for women with chronic urogenital pain: A randomized controlled trial. *Pain Med*, published online September 24, 2018.

**Chancellor MB**, **Bartolone SN**, DeVries EM, **Diokno AC**, Gibbons M, Jankowski R, et al, [**Lamb LE**]. New technology assessment and current and upcoming therapies for underactive bladder. *Neurourol Urodyn*. 2018 Nov;37(8):2932-2937.

**Chancellor MB**, **Bartolone SB**, \*Veerecke A, **Lamb LE**. Crowdsourcing disease biomarker discovery research; the IP4IC study. *J Urol*. 2018 May;199(5):1344-1350

**Chancellor MB**, Watanabe T. Making a case for not prescribing antimuscarinic drugs to treat overactive bladder in older adults. *J Urol*, published online October 6, 2018.

Chin J, Hatiboglu G, **Relle J**, Billia M, Siddiqui K, Kuru T, et al. 12-month prostatic volume reduction after MRI-guided transurethral ablation in patients with localized prostate cancer. *Euro Rad*, published online June 25, 2018.

Chuang YC, Tyagi P, Wang HJ, Huang CC, Lin CC, **Chancellor MB**. Urodynamic and molecular characteristics of detrusor underactivity in a rat cryoinjury model and effects of low energy shock wave therapy. *Neurourol Urodyn*. 2018 Feb;37(2):708-715.

\***Dave C**, Faraj K, Vakharia P, \*Boura J, **Hollander J**. Quality improvement foley project to reduce catheter-related trauma in a large community hospital. *J Healthc Qual*. 2018 Jan/Feb;40(1):51-57.

## Urology

### Peer-Reviewed Articles: continued

**Diokno AC**, Newman DK, Low LK, Griebing TL, Maddens ME, Goode PS, et al. Effect of group-administered behavioral treatment on urinary incontinence in older women: A randomized clinical trial. *JAMA Intern Med.* 2018 Oct 1;178(10):1333-1341.

Dilenno N, **Han E**, Maitland C, Kansara V. Hypoglycemia in renal cell carcinoma: A rare paraneoplastic syndrome. *Urology*, published online October 10, 2018.

Fuller TW, Pekala K, Theisen KM, **Tapper A**, **Burks F**, Rusilko PJ. Prevalence and surgical management of concurrent adult acquired buried penis and urethral stricture disease. *World J Urol*, published online October 8, 2018.

\***Gaines N**, **Odom B**, \***Killinger K**, **Peters, KM**. Pudendal neuromodulation as a treatment for persistent genital arousal disorder: A case series. *Female Pelvic Med Reconstr Surg.* 2018 Jul/Aug;24(4).

**Han E**, \***Nguyen LN**, **Gilleran J**, \***Bartley J**, \***Killinger KA**, \*Boura JA, **Sirls LT**. Pelvic floor distress inventory scores improve after prolapse surgery regardless of surgical approach but not after observation alone. *Urology*, published online November 1, 2018.

**Han E**, \***Nguyen L**, **Sirls L**, **Peters KM**. Current best practice management of interstitial cystitis/bladder pain syndrome. *Ther Adv Urol.* 2018 Mar 19;10(7):197-211.

Hewitt T, \***Killinger KA**, **Hiller S**, \*Boura JA, **Lutz M**. Exploring racial differences surrounding prostate cancer screening: Beliefs and attitudes in community dwelling men attending an urban men's health event. *Am J Mens Health.* 2018 Nov;12(6):1929-1936.

Hu JC, Tosoian JJ, Qi J, Kaye D, Johnson A, Linsell S, et al, [**Burks FN**]. Clinical utility of gene expression classifiers in men with newly diagnosed prostate cancer. *JCO Prec Onc.* 2018(2):1-15.

Hussain M, Tangen CM, Thompson IM Jr, Swanson GP, **Wood DP**, Sakr W, et al. Phase III intergroup trial of adjuvant androgen deprivation with or without mitoxantrone plus prednisone in patients with high-risk prostate cancer after radical prostatectomy: SWOG S9921. *J Clin Oncol.* 2018 May 20;36(15):1498-1504.

**Jafri SM**, \***Nguyen LN**, **Sirls LT**. Recovery of urinary function after robotic-assisted laparoscopic prostatectomy versus radical perineal prostatectomy for early-stage prostate cancer. *Int Urol Nephrol.* 2018 Dec;50(12):2187-2191.

Jankowski RJ, Tu LM, Carlson C, Robert M, Carlson K, Quinlan D, et al, [**Chancellor MB**]. A double-blind, randomized, placebo-controlled clinical trial evaluating the safety and efficacy of autologous muscle derived cells in female subjects with stress urinary incontinence. *Int Urol Nephrol.* 2018 Dec;50(12):2153-2165.

Kaye DR, Syrjamaki J, Ellimoottil C, **Schervish EW**, Solomon MH, Linsell S, et al. Use of routine home health care and deviations from an uncomplicated recovery pathway after radical prostatectomy. *Urology.* 2018 Feb;(112):74-79.

## Urology

### Peer-Reviewed Articles: continued

Keihani S, Xu Y, Presson AP, Hotaling JM, Niula R, Piotrowski J, et al, [**Burks FN**]. Contemporary management of the high-grade renal trauma: Results from the American association for the surgery of trauma genitourinary trauma study. *J Trauma Acute Care Surg*. 2018 Mar;84(3):418-425.

\***Killinger KA**, Fergus J, \***Edwards L**, \*Boura JA, \***Bartley J**, \***Gupta P**, et al, [**Tomakowsky J**, **Gilleran J**, **Peters KM**]. Coexisting depressive symptoms do not limit the benefits of chronic neuromodulation: A study of over 200 patients. *Neurourol Urodyn*. 2018;37:815-822.

**Lamb LE**, **Bartolone SN**, Tree MO, Conway MJ, Rossignol J, Smith CP, [**Chancellor MB**]. Rapid detection of zika virus in urine samples and infected mosquitos by reverse transcription-loop-mediated isothermal amplification. *Sci Rep*. 2018 Feb 28;8(1):3803.

Lin HY, Ye H, **Kernen KM**, **Hafron JM**, Krauss DJ. National cancer database comparison of radical cystectomy vs chemoradiotherapy for muscle-invasive bladder cancer: Implications of using clinical vs pathologic staging. *Cancer Med*. 2018 Nov;7(11):5370-5381.

Martin S, **Han E**, **Gilleran J**. Salvage combination therapies for refractory overactive bladder. *J Curr Bladder Dysfunct Rep*, published online November 1, 2018.

Messing EM, Tangen CM, Lerner SP, Sahasrabudhe DM, Koppie TM, **Wood DP Jr**, et al. Effect of intravesical instillation of gemcitabine vs saline immediately following resection of suspected low-grade non-muscle-invasive bladder cancer on tumor recurrence: SWOG S0337 randomized clinical trial. *JAMA*. 2018 May 8;319(18):1880-1888.

\***Nguyen LN**, \***Bartley J**, \***Killinger KA**, \***Gupta P**, \***Lavin J**, \***Khourdaji A**, et al, [**Gilleran J**, **Peters KM**]. Does sex matter? A matched pairs analysis of neuromodulation outcomes in women and men. *Int Urol Nephrol*. 2018 May;50(5):825-832.

\***Nguyen LN**, Gruner M, \***Killinger KA**, **Peters KM**, \*Boura JM, Jankowski M, [**Sirls LT**]. Additional treatments, satisfaction, symptoms and quality of life in women 1 year after vaginal and abdominal pelvic organ prolapse repair. *Int Urol Nephrol*. 2018 Jun;50(6):1031-1037.

**Odom B**, \***Khouraji I**, Golas V, Zekman R, **Rosenberg B**. Acquired von Willebrand disease secondary to clear cell renal cell carcinoma. *J Endourol Case Rep*. 2018 Jul 1;4(1):114-116.

Ogawa T, Ishizuka O, Ueda T, Tyagi P, **Chancellor MB**, Yoshimura N. Pharmacological management of interstitial cystitis/bladder pain syndrome and the role cyclosporine and the other immunomodulating drugs play. *Expert Rev Clin Pharmacol*. 2018 May;11(5):495-505.

Peyronnet B, O'Connor E, Khavari R, Capon G, Manunta A, Allue M, et al [**Gilleran J**]. AMS-800 Artificial urinary sphincter in female patients with stress urinary incontinence: A systematic review. *Neurourol Urodyn*, published online October 9, 2018.

Pieczonka CM, Twardowski P, Renzulli J II, **Hafron JM**, Boldt-Houle DM, Atkinson S, et al. Effectiveness of subcutaneously administered leuprolide acetate to achieve low nadir testosterone in prostate cancer patients. *Rev Urol*. 2018;20(2):63-68.

## Urology

### Peer-Reviewed Articles: continued

Shore N, **Hafron J**, Langford T, Stein M, DeHart J, Brawer M, et al. Urinary molecular biomarker test impacts prostate biopsy decision-making in clinical practice. *Urol Prac*, published online November 5, 2018.

Sirls ER, \***Killinger KA**, \*Boura JA, **Peters KM**. Percutaneous tibial nerve stimulation in the office setting: Real-world experience of over 100 patients. *Urology*. 2018 Mar; 113:34-39.

Taquchi K, Harper JD, Stoller ML, Duty BD, Sorensen MD, Sur RL, et al, [**Wenzler DL**]. Identifying factors associated with need for flexible ureteroscopy repair: A western endourology stone (WEST) research consortium prospective cohort study. *Urolithiasis*. 2018 Nov;46(6): 559-566.

**Tennyson L**, Rytel M, Palcesy S, Meyn L, Liang R, Moalli P. Characterization of the T cell response to polypropylene mesh in women with complications. *Am J Obstet Gynecol*, published online November 9, 2018.

Tutolo M, Ammirati E, Heesakkers J, Kessler TM, **Peters KM**, Rashid T, et al. Efficacy and safety of sacral and percutaneous tibial neuromodulation in non-neurogenic lower urinary tract dysfunction and chronic pelvic pain: A systematic review of the literature. *Eur Urol*. 2018 Jan;73(3):406-418.

Tyagi P, Moon CH, Janicki J, Kaufman J, **Chancellor MB**, Yoshimura N, et al. Recent advances in imaging and understanding interstitial cystitis. *F1000Res*. 2018 Nov 9;7.

Wagner TH, Yang Scott J, Newman DK, Miller JM, Kirk K, DiCamillo M, et al, [**Diokno AC**]. Costs and sustainability of a behavioral intervention for urinary incontinence prevention. *Urol Practice*. 2018 Jul 5(4):266-271.

Wegner KA, Abler LL, Oakes SR, Mehta GS, Ritter KE, Hill WG, et al, [**Zwaans BMM, Lamb LE**]. Void spot assay procedural optimization and software for rapid and objective quantification of rodent voiding function, including overlapping urine spots. *Am J Physiol Renal Physiol*. 2018 Oct 1;215(4): F1067-F1080.

**Wenzler D**, \***Blum E**, \***Edwards L**, Parslow J, **Hollander J**, **Wojno K**, et al, [**Korman H**]. Multidisciplinary approach to prostate cancer and changes in treatment decision when compared to single provider. *Nov Appro in Can Study*. 2018 Jul;1(5).

Wojno L, Minutella C, **Moylan D**, Bush A, **Wojno K**. Specimen provenance testing identifies contamination that affects molecular prognostic assay results in prostate cancer biopsy specimens. *Urology*. 2018 May;115:87-91.

Wyndaele JJ, Birch B, Borau A, **Burks F**, Castro-Diaz D, Chartier-Kastler E, et al, [**Peters KA**]. Surgical management of the neurogenic bladder after spinal cord injury. *World J Urol*. 2018 Oct;36(10):1569-1576.

Wu MP, Luo HL, Weng SF, Ho CH, **Chancellor MB**, Chuang YC. Risk of urinary tract carcinoma among subjects with bladder pain syndrome/interstitial cystitis: A nationwide population-based study. *Biomed Res Int*, published online June 28, 2018.

## Urology

### Peer-Reviewed Articles: continued

**Zwaans BMM, Lamb LE, Bartolone S, Nicolai HE, Chancellor MB, Klaudia SW.** Cancer survivorship issues with radiation and hemorrhagic cystitis in gynecological malignancies. *Int Urol Nephrol.* 2018 Oct;50(10):1745-1751.

**Zwaans BMM, Bartolone SN, Chancellor MB, Nicolai HE, Lamb LE.** Altered angiogenic growth factors in urine of prostate cancer survivors with radiation history and radiation cystitis. *Urology.* 2018 Oct;120:180-186.

### Book Chapters or Full Book Publications:

Chenam A, **Jafri SMA.** Complications of inguinal lymphadenopathy. In: Delman KA, Master VA, editors. *Malignancies of the groin: Surgical and anatomical considerations.* Cham:Springer; 2018. p. 39-53.

Faraj K, **\*Dave C, Feber, KM.** Pediatric posterior tibial nerve stimulation. In: **Gilleran JP, Alpert S,** editors. *Adult and pediatric neuromodulation.* Cham: Springer; 2018. p. 201-206.

**Gilleran JP, Alpert S,** editors. *Adult and pediatric neuromodulation.* Cham: Springer, 2018.

**Gilleran JP, \*Gaines N.** Pudendal neuromodulation. In: **Gilleran JP, Alpert S,** editors. *Adult and pediatric neuromodulation.* Cham: Springer, 2018. p. 89-104.

**Hiller S, Schober MS.** Pediatric sacral neuromodulation for voiding dysfunction. In: **Gilleran JP, Alpert S,** editors. *Adult and pediatric neuromodulation.* Cham: Springer, 2018. p. 233-236.

**Peters KM.** Use of transcutaneous electrical nerve stimulation in the management of bladder pain syndrome: 2017 update. In: Hanno PM, Nordling J, Staskin DR, Wein AJ, Wyndaele JJ, editors. *Bladder pain syndrome-an evolution.* Cham: Springer, 2018. p 131-133.

**Peters KM, \*Nguyen LN, Sirls LT.** The future of neuromodulation. In: **Gilleran JP, Alpert S,** editors. *Adult and pediatric neuromodulation.* Cham: Springer; 2018. p. 185-197.

**Tennyson L, Chermansky C.** Basic neuroanatomy and neurophysiology of the lower urinary tract. In: **Gilleran JP, Alpert S,** editors. *Adult and pediatric neuromodulation.* Cham: Springer, 2018. p. 3-11.

### Abstracts with Associated Research Presentations:

Boes E, Robertson D, Mervak T, Drelichman E, **Wenzler D.** Electronic medical record alert significantly reduced blood transfusions: The St. John Providence Hospital experience. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

Bonekamp D, Raman S, Macura K, Haider M, Arora S, Hatiboglu G, et al, **[Relle J].** MRI-guided transurethral ultrasound ablation (TULSA) in patients with localized prostate cancer. Radiological Society of North America (RSNA) Scientific Assembly and Annual Meeting, Chicago, IL, November 25-30, 2018.

## Urology

### Abstracts with Associated Research Presentations: continued

**Bowlus J, Cooney M, Kosovich L, Schonhoff A, Shea E, Waldvogel A**, et al, [**Hasenau D, \*Killinger KA**]. Enhancing research patient's safety: Conflicts of interest management and procedural time outs. Taking the Lead 2018: Leading Change-The Value of Nurses in Healthcare Transformation. Livonia, MI, January 18, 2018.

Chin JL, **Relle J**, Dewar M, Hetou K, Kuru T, Hatiboglu G, et al, [**Hafron J**]. MRI-guided transurethral ultrasound ablation in patients with localized prostate cancer: 3-year outcomes of a prospective phase I study. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

Dauw C, Ghani K, Qi J, Kim T, **Seifman B, Jafri M**, et al. Variable use of postoperative imaging following uteroscopic stone treatment across diverse urology practices in Michigan. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

**Diokno A**, Newman D. New approach to group learning behavioral modification program for managing urinary incontinence and voiding dysfunctions. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

**Gilleran J**, Yuhan B, **\*Killinger KA, \*Bartley J, \*Nguyen L, Han E**, et al, [**Sirls LT**]. Detrusor overactivity in patients with adjunctive botulinum toxin A injection after neuromodulation. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Austin, TX, February 27-March 3, 2018.

Griebing TL, **Diokno AC**, Newman D, Burgio K, Low L, \*Maddens M, et al. Training fidelity and quality control in clinical behavioral research for urinary incontinence: The Gladiolus trial. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Austin, TX, February 27-March 3, 2018.

**Han E, \*Nguyen L, Gilleran J, \*Bartley J, \*Killinger KA**, et al, [**Sirls LT**]. Does surgery improve bowel function in the pelvic organ prolapse? Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Austin, TX, February 27-March 3, 2018.

**Han E, \*Nguyen L, Gilleran J, \*Bartley J, \*Killinger KA, \*Boura J**, et al, [**Sirls LT**]. Influence of observation, surgical approach, and concurrent hysterectomy on prolapse and urinary symptoms. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Austin, TX, February 27-March 3, 2018.

**Han E, \*Nguyen L, Gilleran J, \*Bartley J, \*Killinger KA, \*Boura J**, et al, [**Sirls LT**]. Prolapse surgery improves bowel function even when no posterior repair is done. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

**Han E, \*Nguyen L, Gilleran J, \*Bartley J, \*Killinger KA, Peters KM**, et al, [**Sirls LT**]. Pain in surgical versus nonsurgical patients with pelvic organ prolapse. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Austin, TX, February 27-March 3, 2018.

## Urology

### **Abstracts with Associated Research Presentations:** continued

**Han E, \*Nguyen L**, Ling Dai Y, **\*Bartley J, Gilleran J**, Odabachian L, et al, [**\*Killinger KA, Peters KM, Siris LT**]. Does pelvic surgery impact the efficacy of pelvic floor physical therapy for pelvic pain? American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Austin, TX, February 27-March 3, 2018.

Hollingsworth JM, Kim TK, Qi J, Telang J, Dauw CA, Gillett WR, et al, [**Seifman BD**]. Understanding hospitalizations after ureteroscopy in a statewide quality improvement collaborative. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

Hu J, Spratt D, Tosoian J, Qi J, Kaye D, Johnson A, et al, [**Burks F**]. Molecular classifier testing for newly diagnosed localized prostate cancer in the state of Michigan. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

**Johnston W III**, Patel P, Kim T, Prebay Z, Telang J, Qi J, et al. Video analysis of surgeons performing robot-assisted radical prostatectomy: Is there a relationship between the time taken to complete the urethrovesical anastomosis with technical skill? American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

Keihani S, Moses R, Xu Y, Putbrese B, Rogers D, Lou-Own X, et al, [**Burks F**]. Imaging findings associated with renal bleeding interventions after high-grade renal trauma: Results from the American association for surgery of trauma (AAST) genitourinary trauma study. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

Keihani S, Patel D, Putbrese B, Rogers D, Lou-Own X, Mukherjee K, et al, [**Burks F**]. The importance of the timing of excretory phase CT scan in the diagnosis of urinary extravasation after high-grade renal trauma. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

Klein E, Chait A, **Hafron J, Kern K**, Manickam K, Stephenson A, et al. Prospective validation of the Isopso assay for detection of high grade prostate cancer. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

Klein E, Chait A, **Hafron J, Kern K**, Manickam K, Stephenson A, et al. IsoPSA in the diagnosis of prostate cancer, a comparison of preliminary prospective multi-center and validation trial data sets for the detection of high grade adenocarcinoma of the prostate. North Central Section of American Urological Association (AUA) Annual Meeting, Chicago, IL, September 5-8, 2018.

**Kraemer S, Tapper A**, Leale D, Megahan G, Nacker K, **Hafron J**. Robotic instrument failure - a critical analysis of cause and quality improvement strategies. Michigan Urological Society Meeting (MUS), Livonia, MI, May 11, 2018.

**Lamb LE**, Janicki J, **Bartolone SN, Zwaans BMM, Peters KM, Chancellor MB**. Toward personalized medicine for an interstitial cystitis individualized diagnosis using a new bladder inflammation score. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018. **Featured in AUA Meeting Highlights.**



## Urology

### Abstracts with Associated Research Presentations: continued

**Lamb LE**, Janicki JJ, **Bartolone SB**, **Zwaans BMM**, **Peters KM**, **Chancellor MB**. Toward personalized medicine and individualized diagnosis of interstitial cystitis/bladder pain syndrome using machine learning developed risk score. National Institute of Diabetes and Digestive and Kidney Diseases Meeting: Individualizing Urinary Incontinence Treatment: Evolving Research Questions to Research Plans, Bethesda, MD, February 1, 2018.

Lane B, Weizer A, Kim T, Qi J, **Kaul S**, **Schervish E**, et al. Use of surveillance versus active treatment for renal masses  $\leq 7$  cm: Results from the music kidney regional collaborative. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

Leavitt D, Hollingsworth J, Kim T, Telang J, **Seifman B**, Johnson A, et al. Practice patterns and unplanned encounters for shockwave lithotripsy in a statewide surgical collaborative. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

Lemack G, Rovner E, McCammon K, Cruz F, Hamid R, Radomski S, et al, [**Sobol J**]. No increased risk of clean intermittent catheterization with Onabotulinumtoxin A retreatment: Pooled analysis of randomized controlled trials. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Austin, TX, February 27-March 3, 2018. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

**Meier K**, Fuller T, **Burks F**, Rusilko P, Stein D, Warner J, [**Tapper A**]. Incidence and management of adult acquired buried penis and urethral stricture disease. Michigan Urological Society Meeting (MUS), Livonia, MI, May 11, 2018. North Central Section of American Urological Association Annual Meeting, Chicago, IL, September 5-8, 2018.

**Meier K**, **Korman H**. Kidney mystery with a salivary history-a case report of metastatic salivary gland tumor. North Central Section of American Urological Association (AUA) Annual Meeting, Chicago, IL, September 5-8, 2018.

Newman D, **Diokno AC**, Burgio K, Low L, Griebing T, \*Maddens M, et al, [\*Boura J]. Randomized controlled trial of group-administered behavioral treatment in reducing urinary incontinence in adult women. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Austin, TX, February 27-March 3, 2018.

\***Nguyen L**, \***Gaines N**, Gurney-McMaster A, **Han E**, **Peters KM**, **Gilleran J**, et al, [**Fischer M**, \*Boura J, **Sirls L**]. Advance sling in patients with patients with previous prostate radiation. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Austin, TX, February 27-March 3, 2018.

\***Nguyen L**, **Han E**, \***Bartley J**, **Gilleran J**, \***Killinger KA**, **Sirls LT**. Placement of mid-urethral mesh slings at the time of vaginal prolapse repair does not affect post-operative sexual function or orgasm. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Austin, TX, February 27-March 3, 2018.

\***Nguyen L**, **Han E**, **Burks F**, **Gilleran J**, \***Killinger KA**, **Sirls LT**. Ventral buccal mucosal graft urethroplasty in women with urethral strictures. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Austin, TX, February 27-March 3, 2018.

## Urology

### **Abstracts with Associated Research Presentations:** continued

\***Nguyen L**, Sirls E, **Han E**, Vecellio P, \***Killinger KA**, \***Bartley J**, et al, [**Gilleran J**, **Peters KM**, **Sirls LT**]. Urinary tract infections in ambulatory patients with indwelling catheters. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

Oto A, Arora S, Haider M, Koch M, Raman S, Pavlovich C, et al, [**Relle J**]. Pivotal study of MRI-guided transurethral ultrasound ablation (TULSA) in patients with localized prostate cancer: Preliminary results. The Focused Ultrasound Symposium, VA, October 21-25, 2018.

Patel N, \***Killinger KA**, Thapar K, Karabon P, **Nagaraju P**. Patient satisfaction and quality of life after robotic sacrocolpopexy for pelvic organ prolapse. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Austin, TX, February 27-March 3, 2018.

Patel P, Kim T, Prebay Z, Telang J, Linsell S, Kleer E, et al, [**Johnston WK III**]. Using video analysis to understand the technical variation of robot-assisted radical prostatectomy (RARP) in a statewide surgical collaborative. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

**Peters KM**, Newman D, Belkoff L, Nandalur K, Johnston M, Small S, et al, [**Sirls LT**]. Oral Enobosarm shows promising activity in post-menopausal women with stress urinary incontinence: Results of a phase 2 study. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Austin, TX, February 27-March 3, 2018. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

**Peters KM**, Vecellio P, \***Killinger KA**, **Han E**, \***Nguyen L**, et al. Patients with prior pudendal nerve entrapment surgery can benefit from pudendal neuromodulation. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Austin, TX, February 27-March 3, 2018. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

Rogers C, Kim T, Noyes S, **Kaul S**, Qi J, Ghani K, et al. Institution of a small renal mass quality improvement initiative in a statewide collaborative. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

Sheckley F, **Hiller S**, **Briolat G**, Fischgrund J, **Fischer M**. Peri-operative risk factors for post-op urinary retention after elective spine surgery. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Austin, TX, February 27-March 3, 2018.

**Sirls LT**, **Schonhoff A**, **Waldvogel A**, **Hasenau D**, **Peters KM**. Chronic tibial nerve stimulation for overactive bladder. Society of Urodynamics Female Urogenital Reconstruction, National Meeting (SUFU), Austin, TX, February 27-March 3, 2018.

**Tapper A**, Harjivan SK, Folbe AJ, **Hollander JB**, **Burks FN**. Patient satisfaction with telecystoscopy: Use of remote video technology for bedside flexible cystoscopy. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018. North Central Section of American Urological Association Annual Meeting, Chicago, IL, September 5-8, 2018.

## Urology

### Abstracts with Associated Research Presentations: continued

**Tapper A**, Leale D, Megahan G, Nacker K, **Hafron J**. Robotic instrument failure-a critical analysis of cause and quality improvement strategies. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018. North Central Section of American Urological Association Annual Meeting, Chicago, IL, September 5-8, 2018.

**Tapper A**, Kohli H, **Burks F**, **Hollander J**. Telecystoscopy: Use of remote video technology for bedside flexible cystoscopy. Michigan Urological Society Meeting (MUS), Livonia, MI, May 11, 2018.

**Tapper A**, \***Nguyen L**, **Hollander J**, **Burks F**. Telecystoscopy: Use of remote video technology for bedside flexible cystoscopy. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

Tyagi P, Chermansky C, deGroat WC, **Chancellor MB**, Yoshimura N. Prejunctional M1 receptor: A Therapeutic target for underactive bladder. International Incontinence Society Annual Meeting, Philadelphia, PA, August 28-31, 2018.

**Wilson A**, **Burks F**, Rosenstein D, Lanctin H, Druex Y. Pelvic fracture urethral injuries among U.S. and Haitian patients: A comparative analysis. Michigan Urological Society Meeting (MUS), Livonia, MI, May 11, 2018.

**Zwaans BMM**, **Bartolone SN**, **Chancellor MB**, **Lamb LE**. Decreased endothelial proliferation characterizes the vascular defects in radiation cystitis. American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018. **Awarded: Best of Posters; Featured in AUA Meeting Highlights.**

### Invited Research Presentations:

**Burks F**. Buried penis. Great Lakes Society of Urologic Nurses and Associates (GLSUNA) Conference, Livonia, MI, March 16, 2018.

**Chancellor MB**. Keynote speaker: The international CURE-UAB initiative. Japan Urological Association, Kyoto, Japan, April 18-20, 2018.

**Chancellor MB**. Epidemiology and demographics of the underactive bladder: A Cross-Sectional Survey. Geriatric Urological Society (GUS) Annual Meeting, San Francisco, CA, May 20, 2018.

**Chancellor MB**. Botulinum toxin: Why use it, how to do it, what are the results? American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18-21, 2018.

**Chancellor MB**. Keynote Speaker: The atonic detrusor and its rehabilitation. North East American Urological Association 2018 Annual Meeting, Toronto, Canada, October, 11, 2018.

**Diokno AC**, Newman DK. New approach to group learning behavioral modification program for managing urinary incontinence and voiding dysfunction. CME Course, American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18, 2018.

## Urology

### Invited Research Presentations: continued

**Diokno AC.** Practice of urology through the years in the western setting. Philippine Urological Association International Symposium, American Urological Association (AUA) Annual Meeting, San Francisco, CA, May 18, 2018.

**Diokno AC.** History of underactive bladder research. International Congress for Underactive Bladder (CURE-UAB) Meeting, Honolulu, HI, November 8, 2018.

**Hafron J.** Secrets for success in large group practices: Incorporating female partners. Large Urology Group Practice Association (LUGPA) National Meeting Chicago, IL, November 2018.

**Lamb LE.** Novel klotho model for aging bladder research. Geriatric Urological Society (GUS) Annual Meeting, San Francisco, CA, May 20, 2018.

**Lamb LE.** Novel model for underactive bladder research. International Congress for Underactive Bladder (CURE-UAB) Meeting, Honolulu, HI, November 8, 2018.

**Peters KM.** Advances in neuromodulation: Microimplants and new nerve targets. Great Lakes Society of Urologic Nurses and Associates (GLSUNA) Conference, Livonia, MI, March 16, 2018.

### Non Peer-Reviewed Publications:

**Han E, Odabachian L, Gilleran J.** Behavioral treatment for pelvic floor disorders. American Urological Association (AUA) Update Series Vol. 37. Lesson 18, 2018.

**Johnston WK III.** Editorial comment on: MRI displays the prostatic cancer anatomy and improves the bundles management before robot-assisted radical prostatectomy by Schiavina et al. J Endourol. 2018 Apr;32(4):322-323.

# **BEAUMONT HOSPITAL Farmington Hills**

# EMERGENCY MEDICINE

## Peer-Reviewed Articles:

**Taylor G, Chudler A.** Gastric volvulus: A truly rare, but life-threatening cause of upper abdominal pain. Emerg Physician Mon, published online December 3, 2018.

**Taylor G, Cooley C.** Uremic encephalopathy secondary to medical non-compliance. Emerg Med News. 2018 Sept 18;40(9B).

**Taylor G, El-Alayli S.** Variceal hemorrhage: A true gastrointestinal emergency. October 24, 2018. Volume 40. 10C. Emerg Med News. 2018 Oct 24;40(10C).

**Taylor G, El-Alayli S.** A pregnancy complication to look out for even after pregnancy: A case of postpartum preeclampsia. Emerg Med News. 2018 Aug 28;40(8C).

**Taylor G, Hess D.** Fournier gangrene: A rare cause of necrotizing fasciitis of the entire right hemi-pelvis in a diabetic female. Oxf Med Case Reports. 2018 Feb 9;2018(2):omx094.

**Taylor G, Kaiser-Alexander D.** Abdominal pain yields a devastating diagnosis: Metastatic colorectal carcinoma in a 41-year-old female. Emerg Med News. 2018 Jul 24;40(7C).

**Taylor G, Levassuer K, Morden R.** I felt something pop-out: Inguinal testicular torsion in an 11-year-old male. Mich Coll Emerg Phys. 2018 May/Jun;38(3).

**Taylor G, Paratore D.** Septic shock secondary to acute bacterial prostatitis in an HIV-positive: A novel presentation. Oxf Med Case Reports. 2018 Oct 17;2018(11):omy086.

**Taylor G, Matthews R, Sikorski S,** Berberian J. ECG challenge: Case of a 44-year-old presenting with intermittent chest pain: Wellen's Syndrome and Pseudo-Wellen's Syndrome. EM Resident, published online October 17, 2018.

**Taylor G, McDowell E.** A barely responsive 36-year-old woman with hypothermia: A case of infectious endocarditis. Medscape, published online January 8, 2018.

**Taylor G, McDowell E.** An emergency from an innocuous bite: A case of infectious tenosynovitis. Emerg Med News. 2018 Aug 21;40(8B).

**Taylor G, McParlane J.** Unresponsive 45-year-old woman foaming at the mouth: A case of a severe calcium channel-blocker overdose. Medscape, published online September 20, 2018.

**Taylor G, McParlane J.** An elbow injury and a lesson in supracondylar fractures. Emerg Med News. 2018 Oct 10;40(10A).

**Taylor G, McParlane J.** Complications of a ruptured ectopic pregnancy. Emerg Med News. 2018 Jul 11;40(7A).

**Taylor G, McParlane J.** Acute chest syndrome: A true hematologic emergency. Emerg Med News. 2018 Jun 26;40(6C).

## Emergency Medicine

### Peer-Reviewed Articles: continued

**Taylor G, Schell F.** Torsion of a large adnexal mass after intercourse. Emerg Med News. 2018 Oct 26;40(10B).

**Taylor G, Semple M, Warpinski M.** Alcohol use and abdominal pain in a 49-year-old man: A case of superior mesenteric vein thrombosis. Medscape, published online November 6, 2018.

**Taylor G, Vieder S.** Saddling up: A case of a saddle embolism. Emerg Physician Mon, published online December 28, 2018.

**Taylor G, Wallace L.** Mortality high in cardiac arrest from hanging. Emerg Med News. 2018 Jul 17;40(7B).

**Taylor G, Warpinski M.** Debilitating headache after an excited reaction. Emerg Med News. 2018 Nov 20;40(11B).

**Taylor G, Zelenka-Joshowitz D, Taecker A.** What is this international traveler's diagnosis. Emerg Med News. 2018 Dec 12; 40(12A).

# GASTROENTEROLOGY

## Invited Research Presentations:

**Nguyen T, Kappadakunnel M, Hobson J, Sendelbach M.** An uncommon presentation of esophageal adenocarcinoma: Cardiac tamponade. Michigan Osteopathic Association Annual Conference, Southfield, MI, May 17-20, 2018.



# GENERAL SURGERY

## Invited Research Presentations:

**\*Bastiaans T.** Use of a pericranial flap with dermal substitute for scalp reconstruction to improve cosmesis: A case series. American College of Osteopathic Surgeons, Atlanta, GA, October 18-21, 2018.

**Morrison C.** Pilomatrix carcinoma: A case report of rare malignancy and literature review. American College of Osteopathic Surgeons, Atlanta, GA, October 18-21, 2018.

**Murdock J.** A comparison of the clinical utility of wells criteria vs CT angiography and the nephrotoxicity and potential cost in the patient suspected of pulmonary embolism. American College of Osteopathic Surgeons, Atlanta, GA, October 18-21, 2018.

# OTOLARYNGOLOGY

## Peer-Reviewed Articles:

Sugihara E, Evans M, **Neumann M, Babu SC**. The effect of intratympanic steroid injection frequency in idiopathic sudden sensorineural hearing loss. *Am J Otolaryngol*. 2018 Nov-Dec;39(6):688-692.

# PLASTIC SURGERY

## Peer-Reviewed Articles:

**Gardner P**, Rozzelle A. Congenital granular cell tumor: Case report and review. Case Rep Pediatr. 2018 Sep 26;2018:4389158.

**Roham A, Gardner P, Heller J, Gerken J, Lumley C.** Reconstruction of traumatic lumbar hernias: A case report. Int J Surg Case Rep. 2018;49:153-157.

**BEAUMONT HOSPITAL**  
**Dearborn, Taylor, Trenton, Wayne**

# ANESTHESIOLOGY

## Peer-Reviewed Articles:

**Ahmed Z**, Mai C, Skinner KG, Yaster M. At the birth of pediatric anesthesia in Mexico: An interview with Dr. Estela Melman, a pioneering woman in medicine. *Paediatric Anaesthesia*. 2018 Dec;28(12):1066-1070.

# CARDIOVASCULAR DISEASE

## Peer-Reviewed Articles:

**Ayuba G, Ugonabo I, Werns S**, Reversible pulmonary hypertension and clinical right heart failure associated with Grave's disease. J Am Coll Card. 2018 71;2362-2362.

**Beasley M, Chattahi J, Werns S**. Big, bad and ugly: Coronary artery aneurysms and the medical management of ischemic chest pain. J Am Coll Card. 2018 71; 2199-2199.

Michaels A, Gibbs J, Mawri S, **Dirani G**, Aurora L, Jacobsen G, et al. Prognostic utility of the HEART score in the observation unit. Crit Pathw Cardiol. 2018 Dec;17(4):179-183.

**Shuaib M, Gugudis J, Kornas R, Parikh S, Hardin H, Ahmed M, Munsey B, Riba AL**. Development and implementation of a coronary care unit quality improvement checklist. J Clin Trials Card. 2018; 5(1):11.

**Rogers FJ**. The rule of the artery is supreme. Or, is it? J Am Osteopath Assoc. 2018 Jul 1;118(7):429-430.

Suri, RM, Javadikasgari H, Heimansohn DA, Weissman NJ, Ailawadi G, Ad N, et al, [**Dabir R**]. Prospective US investigational device exemption trial of a sutureless aortic bioprosthesis: One-year outcomes. J Thorac Cardiovasc Surg, published online October 23, 2018.

# DIAGNOSTIC RADIOLOGY

## Peer-Reviewed Articles:

Sealy-Jefferson S, **Roseland ME**, Cote ML, Lehman A, Whitsel EA, Mustafaa FN, et al. Rural-urban residence and stage at breast cancer diagnosis among postmenopausal women: The Women's Health Initiative. *J Women's Health (Larchmt)*, published online September 27, 2018.

# PHARMACEUTICAL SERVICES

## Peer-Reviewed Articles:

**Gregory J**, Hecht J. Esophageal perforation: A research review of the anti-infective treatment. *Int J Clin Pharm*. 2018 Oct;40(5):953-962.

Hanni C, Wilhelm S, Korkis B, Petrovitch E, Tsilimingras K, **McConachie S**. Therapeutic Enoxaparin in the morbidly obese patient: A case report and review of the literature. *Hosp Pharm*. 2018:8.

**Hsaiky LM, Salinitri FD, Wong J, Jennings SLT, Desai NH, Lobkovich AM**, et al, [Cha R]. Pharmacokinetics and investigation of optimal dose ertapenem in intermittent hemodialysis patients. *Nephrol Dial Transplant*, published online July 9, 2018.

Liu VC, **Mohammad I**, Deol BD, Balarezo A, Deng L, Garwood CL. Post-discharge medication reconciliation: Reduction in readmissions in a geriatric primary care clinic. *J Aging Health*, published online August 30, 2018.

**McConachie SM**, Almadrahi Z, Wahby KA, Wilhelm SM. Pharmacotherapy in acutely anemic Jehovah's Witnesses: An evidence-based review. *Ann Pharmacother*. 2018 Sep;52(9):910-919.

**McConachie S, Wahby K**, Almadrahi Z, Wilhelm S. Early experiences with PEGylated carboxyhemoglobin bovine in anemic Jehovah's Witnesses: A case series and review of the literature. *J Pharm Pract*. 2018 Dec 5:897190018815373.

**McConachie SM**, Wilhelm SM, Bhargava A, Kale-Pradhan PB. Biologic-induced infections in inflammatory bowel disease: The TNF- $\alpha$  antagonists. *Ann Pharmacother*. 2018 Jun;52(6):571-579.



# PHYSICAL MEDICINE and REHABILITATION

## Peer-Reviewed Articles:

**Kasprzak M, Ho J.** Heart-shaped sign: A rare stroke syndrome. *Am J Phys Med Rehab.* 2018 May;97(5):e50.

# **SUBSPECIALTY DIVISIONS OF INTERNAL MEDICINE**

**DERMATOLOGY**

**ENDOCRINOLOGY**

**GENERAL INTERNAL MEDICINE**

**INFECTIOUS DISEASES**

**PALLIATIVE CARE**

# DERMATOLOGY

## Peer-Reviewed Articles:

Braunberger TL, Vakharia P, **Nicholson CL**, Parks-Miller A, **Hamzavi IH**. Carbon dioxide laser excision in hidradenitis suppurativa: Demographic, comorbidities, healing time and complications. *Lasers Surg Med*. 2018 50;360-360.

Mohammad T, Kohli I, Nicholson C, **Treyger G**, Chaowattanapanit S, Lim H, Hamzavi I. Oral *Polypodium leucotomos* extract and its impact on visible light-induced pigmentation. *J Am Acad Derm*. 2018;79:AB211.

Nahas AF, **Nartker NT**, Braunberger TL, Jacobsen G, **Hamzavi IH**. The impact of positive antinuclear antibody on narrowband ultraviolet B phototherapy in patients with vitiligo: A retrospective chart review. *Photodermatol Photoimmunol Photomed*, published online December 12, 2018.

Nicholson C, Kohli I, Mohammad T, Chaowattanapanit S, Makino E, **Treyger G**, et al. The effect of topical sunscreen plus antioxidant against the visible light biologic effects. *J Am Acad Derm*. 2018 Sep;79(3):AB284.

**Troxell TN**, Piccinin MA, Smith CM, Parsons ME, Drew GS. GAPO syndrome: A rare genodermatosis presenting with unique features. *Int J Derm*. 2018 Jan 29; 57(6):727-728.

**Ward RE**, Shah JA, **Mehregan DR**, Ali L. A rare case of intravascular schwannoma. *J of Cutaneous Path*. 2018 Oct;45(10):731-733.

Woo DK, **Treyger G**, Henderson M, Huggins RH, Jackson-Richards D, Hamzavi I. Prospective controlled trial for the treatment of acne keloidalis nuchae with a long-pulsed neodymium-doped yttrium-aluminum-garnet laser. *J Cutan Med Surg*. 2018 Mar/Apr;22(2):236-238.

# ENDOCRINOLOGY

## Peer-Reviewed Articles:

Nauschuetz KK, Ogden LL, Starling CE, **Saleh MJ**, Golding AC, Traweek ST. Pharyngoesophageal diverticula simulating thyroid nodules: An unusual occurrence with unique features. Diagn Cytopathol. 2018 Feb;46(2):193-197.

# GENERAL INTERNAL MEDICINE

## Peer-Reviewed Articles:

Chopra V, Kaatz S, Grant P, **Swaminathan L**, Boldenow T, Conlon A, et al. Risk of venous thromboembolism following peripherally inserted central catheter exchange: An analysis of 23,000 hospitalized patients. *Am J Med.* 2018;131:651-660.

Likhitsup A, Hassan A, Mellinger J, Askari F, Winder G, Sharma P, et al, [**Saeed N**]. The impact of a tobacco prohibition policy compared to a restrictive policy on liver transplant candidate outcomes. *Am J Transplant.* 2018;18:846-846.

Likhitsup A, McElroy LM, Mellinger JL, **Saeed N**, Hassan A, Winder GS, et al. Women with alcoholic liver disease are less likely to be listed for liver transplantation. *Hepatology.* 2018;68:803A-804A.

Likhitsup A, Mellinger JL, McElroy LM, **Saeed N**, Hassan A, Winder GS, et al. Alcoholic liver disease has rapidly emerged as the leading indication for liver transplant evaluation. *Hepatology.* 2018;68:804A.

Paje D, Conlon A, Kaatz S, **Swaminathan L**, Boldenow T, Bernstein SJ, Flanders, SA, et al. Patterns and predictors of short-term peripherally inserted central catheter use: A multicenter prospective cohort study. *J Hosp Med* 2018 Feb;13(2):76-82.

**Swaminathan L**, Flanders S, Rogers M, **Calleja Y**, Snyder A, **Thyagarajan R**, et al, [**Bercea P**]. Improving PICC use and outcomes in hospitalised patients: An interrupted time series study using MAGIC criteria. *BMJ Qual Saf.* 2018 Apr;27(4):271-278.

**Zakharia K**, **Benkhadra K**, Ali AH, Moradkhani A, Tabibian JH. Recurrent primary sclerosing cholangitis after liver transplantation: Incidence, survival and risk factors. *Hepatology.* 2018;68:1.

**Zakharia K**, Luther CA, **Alsabbak H**, Roberts LR. Hepatocellular carcinoma: Epidemiology, pathogenesis and surveillance: Implications for sub-Saharan Africa. *S Africa Med J.* 2018 Aug 8;108(8b):35-40.

**Zakharia K**, Tabibian A, Lindor KD, Tabibian JH. Complications, symptoms, quality of life and pregnancy in cholestatic liver disease. *Liver Int.* 2018 Mar;38(3):399-411.

# INFECTIOUS DISEASES

## Peer-Reviewed Articles:

Vaughn V, Flander S, Chopra V, Conlon A, Malani A, **Thyagarajan R**, et al, **Hsaiky L**, et al. Excess antibiotic duration in patients hospitalized for pneumonia: A multi-hospital cohort study. Open Forum Infect Dis. 2018 Nov; 5(Suppl 1):S534-S535.

Vaughn VM, Flanders S, Chopra V, Conlon A, Malani A, **Thyagarajan R**, et al. The tip of the iceberg antibiotic stewardship and flouoroquinolone use at hospital discharge: A mult-hospital cohort study. J Gen Int Med. 2018 Apr;33(2):S367-S368 (2018).

# PALLIATIVE CARE

## Peer-Reviewed Articles:

**Johnson DO, Westphal CG.** Addressing religious or cultural opposition to brain death diagnosis. *J Hosp Palliat Nurs.* 2018 Jun;20(3):252-259.

# OBSTETRICAL / GYNECOLOGICAL SERVICES

## Peer-Reviewed Articles:

**Binkley S, Cave C, Baranyk M, Montgomery R.** Impact on patient outcomes of implementation of OB hemorrhage safety bundle with multidisciplinary simulations. *Obstetr Gynecol.* 2018 131;113S-113S.

Bryant A, Riley L, Neale D, Hill W, **Jones T**, Gudeman J. Communicating with African-American mothers about risks for recurrent preterm births. *Am J Obstetr Gynecol.* 2018 218;1.

May T, Altman A, McGee J, Lu L, Xu W, Lane K, Ghatage P, **Rosen B.** (2018). Examining survival outcomes of 852 women with advanced ovarian cancer: A multi-institutional cohort study. *Int J Gynecol Cancer.* 2018 Jun;28(5):925-931.



# PSYCHIATRY

## Peer-Reviewed Articles:

**Reid HH**, Lundahl LH, Lister JJ, Woodcock EA, Greenwald MK. Mediation pathways among trait impulsivity, heroin-use consequences, and current mood state. *Addict Res Theory* 2018;26(5):421-429.

# RADIATION ONCOLOGY

## Peer-Reviewed Articles:

Baran G, Dominello MM, Paximadis P, Masi KM, Halford R, Nalichowski A, et al, [Vaishampayan NG]. Predicting increased inter-observer variation in pre-treatment image guidance for lung SBRT patients. *Inter J Rad Oncol Biol Phys*. 2018 Nov1;102(3):E507-E508.

Burmeister J, Nalichowski A, Snyder M, Halford R, Baran G, Loughery B, et al. Commissioning of a dedicated commercial Co-60 total body irradiation unit. *J Applied Clin Med Physics*. 2018 19;131-141.

Dess RT, Devasia TP, Aghdam N, Jackson WC, Soni PD, Smith CP, et al, [Hamstra, DA]. Patient-reported sexual aid utilization and efficacy after radiation therapy for localized prostate cancer. *Int J Radiat Oncol Biol Phys*. 2018 Jun 1;101(2):376-386.

Dess RT, Hartman HE, Aghdam N, Jackson WC, Soni PD, Abugharib AE, et al, [Hamstra DA]. Erectile function after stereotactic body radiotherapy for localized prostate cancer. *BJU Int* 2018 Jan;121(1):61-68.

Dominello MM, Baran G, Paximadis P, Bossenberger T, Halford R, Masi KM, et al, [Vaishampayan NG]. Interobserver differences in manual SBRT image registration. *Int J Rad Oncol Biol Phys*. 2018;102:E509-E509.

Foster B, Jackson WC, Foster CC, Dess RT, Abu-Isa EI, McLaughlin PW, et al, [Hamstra DA]. Application of a prognostic stratification system for high-risk prostate cancer to patients treated with radiation therapy: Implications for treatment optimization. *Int J Rad Oncol Biol Phys*. 2018 Nov 1;102:E109-E110.

Hamstra DA, Daignault-Newton S, Bosch WR, Mariados NF Jr, Sylvester JE, Gross ET, et al. Who benefits from a prostate rectal spacer? Secondary analysis of dosimetry and bowel quality of life from a phase III trial. *Int J Rad Oncol Biol Phys*. 2018 Nov 1;102(3):E114-E115.

Hamstra DA, Lee KC, Eisbruch A, Sunkara P, Borgonha S, Phillip B, et al. Double-blind placebo-controlled multicenter phase II trial to evaluate D-methionine in preventing/reducing oral mucositis induced by radiation and chemotherapy for head and neck cancer. *Head Neck*. 2018 Jul;40(7):1375-1388.

Hamstra DA, Mariados N, Sylvester NJ, Shah D, Gross E, Hudes R, et al. Sexual quality of life following prostate intensity modulated radiation therapy (IMRT) with a rectal/prostate spacer: Secondary analysis of a phase 3 trial. *Pract Radiat Oncol*. 2018 Jan-Feb;8(1):e7-e15.

Hamstra DA. Away rotations are not always helpful and in fact may hurt (In regard to Jang, et al). *Int J Radiat Oncol Biol Phys*. 2018; 100:2.

Jackson WC, Dess RT, Litzenberg DW, Li P, Schipper M, Rosenthal SA, et al, [Hamstra DA]. (2018). A multi-institutional phase 2 trial of prostate stereotactic body radiation therapy (SBRT) using continuous real-time evaluation of prostate motion with patient-reported quality of life. *Pract Radiat Oncol*. 2018 Jan-Feb;8(1):40-47.

## Radiation Oncology

### Peer-Reviewed Articles: continued

Johnson SB, Hung J, Kapadia N, Oh KS, Kim M, **Hamstra DA**. Spinal growth patterns after craniospinal irradiation in children with medulloblastoma. *Pract Radiat Oncol*, published online July 21, 2018.

Karsh LI, Gross ET, Pieczonka CM, Aliotta PJ, Skomra CJ, Ponsky LE, et al, [**Hamstra DA**]. Absorbable hydrogel spacer use in prostate radiotherapy: A comprehensive review of phase 3 clinical trial published data. *Urology* 2018 May;115:39-44.

Lack D, Liang J, Benedetti L, **Knill C**, Yan D. Early detection of potential errors during patient treatment planning. *J Appl Clin Med Phys*. 2018 Sep;19(5):724-732.

Litzenberg DW, Muenz DG, Archer PG, Jackson WC, **Hamstra DA**, Hearn JW, et al. Change in prostate orientation due to removal of a Foley catheter. *Med Phys*. 2018 Apr;45(4):1369-1378.

Loughery B, **Halford R**, Snyder M. Proof of concept of kilovoltage intensity modulated radiotherapy. *Med Phys*. 2018;45(6):2.

Michalski JM, Moughan J, Purdy J, Bosch W, Bruner DW, Bahary JP, et al, [**Hamstra, D**]. Effect of standard vs dose-escalated radiation therapy for patients with intermediate-risk prostate cancer: The NRG oncology RTOG 0126 randomized clinical trial. *JAMA Oncol*. 2018 Jun 14;4(6):e180039.

**Seymour Z, Hamstra D**. Quality of life is not compromised with intensification of androgen therapy in recurrent prostate cancer. *Lancet Oncol*. 2018 Oct;19(10):1275-1276.

Vu CC, Blas KG, **Lanni TB**, Gustafson GS, Krauss DJ. Cost-effectiveness of prostate boost with high-dose-rate brachytherapy versus intensity-modulated radiation therapy in the treatment of intermediate-high risk prostate cancer. *Brachytherapy*. 2018 Nov-Dec; 17(6):852-857.

### Abstracts with Associated Research Presentations:

**Hamstra DA**, Daignault-Newton S, Bosch WR, Mariados Jr NF, Sylvester JE, Gross ET, et al. Who benefits from a prostate rectal spacer? Secondary analysis of dosimetry and bowel quality of life from a phase III trial. Annual Meeting of the American Society for Radiation Oncology (ASTRO), San Antonio, TX, October 21-24, 2018.