

**OAKLAND UNIVERSITY WILLIAM BEAUMONT SCHOOL OF MEDICINE
PUBLICATION LIST BY DEPARTMENT
2020 Report**

We compiled this bibliography to recognize the school’s scholarly activity, including journal articles, published meeting abstracts, book chapters, books, and other works written by OUWB faculty, students, and staff. We created the list by searching the institutional affiliation fields in PubMed, Scopus, Web of Science, EMBase, CINAHL, MedEd Portal, and SpringerNet for all citations published in the 2020 calendar year. We then downloaded citations into an EndNote database, where we enhanced and reformatted them for this report. We will update and supplement our report with additional citations when the Beaumont Research Institute publishes its 2020 Report of Accomplishments. Because of search limitations, the report does not represent an exhaustive list of all published works by OUWB authors. If we inadvertently missed your publication, please email the citation to the Medical Library at medref@oakland.edu. For any questions, please call the Medical Library at (248) 370-3772.

Summary of Publications by Department

Department	Total Citations	Articles in Peer-Reviewed Journals	Books & Book Chapters	MedEd Portal	Meeting Abstracts	Misc.*
Department of Anesthesiology	13	9	1		3	
Department of Diagnostic Radiology and Molecular Imaging	34	21	8		1	4
Department of Emergency Medicine	56	45		1	8	2
Department of Family Medicine and Community Health	17	4				13
Department of Foundational Medical Studies (BH)	10	6	4			
Department of Foundational Medical Studies (OU)	91	50	2	1	33	5
Department of Internal Medicine	230	169	5	1	32	23
Department of Medical Education	13	8			5	
Department of Neurology	10	10				
Department of Neurosurgery	8	7				1
Department of Obstetrics and Gynecology	30	24	1		5	
Department of Ophthalmology	57	44	4		3	6
Department of Orthopaedic Surgery	60	51	7			2
Department of Pathology	36	23	1		8	4
Department of Pediatrics	36	21	1		4	10
Department of Physical Medicine and Rehabilitation	10	8			1	1
Department of Psychiatry	0					
Department of Radiation Oncology	122	86			32	4
Department of Surgery	69	48	2		14	5
Department of Urology	51	36	5		6	4
Medical Library	6	5			1	
OUWB Medical Student Author	174	115	0	1	47	11
(Taking into account multi-authored publications) Total	894	633	36	3	141	81

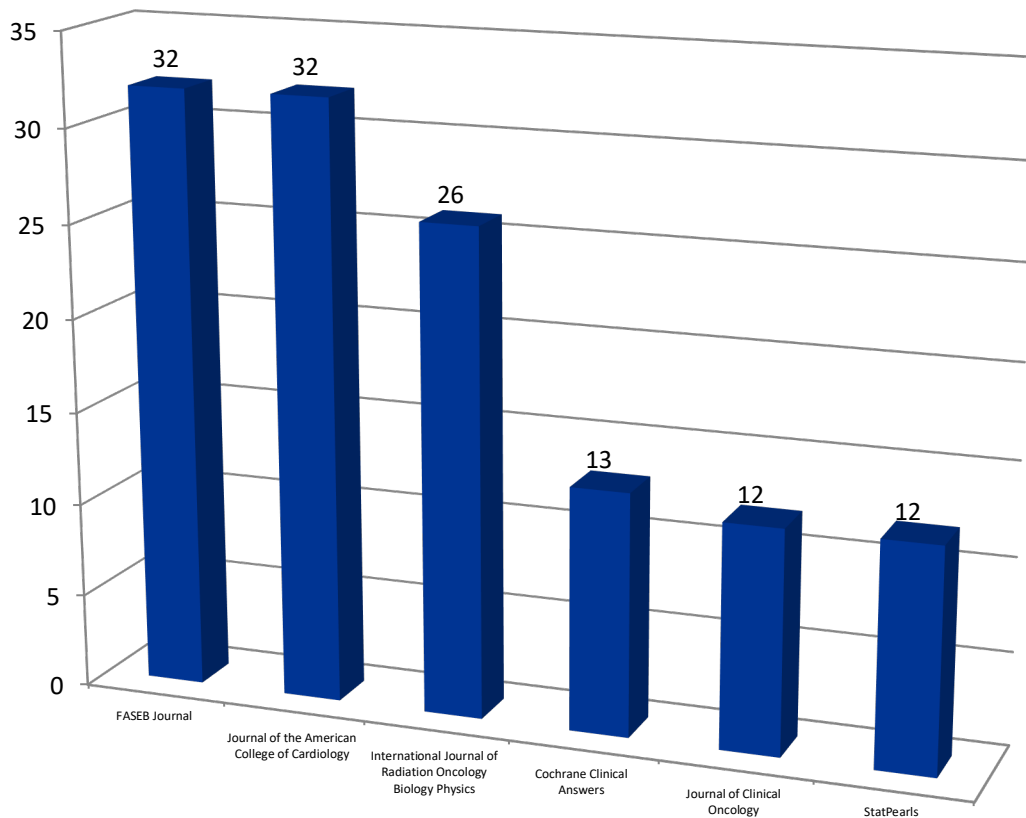
* Miscellaneous items include editorials, letters, non-peer reviewed articles, question banks, etc...

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Top Journals OUWB Faculty Published in During 2020

Top Journals and for Articles and Abstracts



Top Journals for Articles	Faculty Articles
Ophthalmology	8
Gastrointestinal Endoscopy	8
Neurosurgery	7
Journal of Cardiovascular Computed Tomography	7
American Journal of Emergency Medicine	7
Cureus	7
Retina	7
Journal of Neurosurgery	6
Radiotherapy and Oncology	6
Catheterization and Cardiovascular Interventions	6
International Journal of Radiation Oncology Biology Physics	6
Journal of the American College of Cardiology	5
Journal of Clinical Oncology	5
Journal of Urology	5
European Heart Journal Cardiovascular Imaging	5
International Journal of Pediatric Otorhinolaryngology	5

Department of Anesthesiology

1. Abbas AE, Mando R, Ternacle J, Pibarot P, Rodes-Cabau J, Guimaraes L, Hanzel GS, Sigua-Arce P, Safian RD, **Lau W**, and Shannon F (2020). "The impact of aortic valve velocity and mean gradient on the incidence and severity of prosthesis patient mismatch following TAVR." Journal of the American College of Cardiology 75(11): 1489-1489.
2. Alslaim HS, **Banooni AB**, Shaltaf A, and Novotny NM (2020). "Tracheoesophageal fistula in the developing world: Are we ready for thoracoscopic repair?" Pediatric Surgery International 36(5): 649-654.
3. Assar S, Mando R, Gaines R, Hanzel GS, Shannon F, Hanson I, **Lau W**, Almany S, Safian RD, Kerner N, Gallagher M, Vivacqua A, and Abbas AE (2020). "The effect of flow and gradient on the acceleration and ejection times and their ratio in patients with severe aortic stenosis." Journal of the American College of Cardiology 75(11): 1602.
4. Easton RW, Papakonstantinou NS, Baker K, Baker EA, Vibert B, Lipphardt M, Ahlgren B, Pestano C, Hulen CA, **Silvasi D**, and **Smith G** (2020). "P57. ERAS vs non-ERAS: Protocol implementation resulted in significant outcomes improvement in patients undergoing lumbar spine fusion." The Spine Journal 20(9): S173-S174.
5. Fischgrund JS, Rhyne A, Macadaeg K, Moore G, Kamrava E, Yeung C, Truumees E, Schaufele M, Yuan P, DePalma M, Anderson DG, Buxton D, Reynolds J, and **Sikorsky M** (2020). "Long-term outcomes following intraosseous basivertebral nerve ablation for the treatment of chronic low back pain: 5-year treatment arm results from a prospective randomized double-blind sham-controlled multi-center study." European Spine Journal 29(8): 1925-1934.
6. Khanna AK, Bergese SD, Jungquist CR, Morimatsu H, Uezono S, Lee S, Ti LK, Urman RD, McIntyre R, Tornero C, Dahan A, Saager L, Weingarten TN, Wittmann M, Auckley D, Brazzi L, Le Guen M, **Soto R**, Schramm F, Ayad S, Kaw R, Di Stefano P, Sessler DI, Uribe A, Moll V, Dempsey SJ, Buhre W, and Overdyk FJ (2020). "Prediction of opioid-induced respiratory depression on inpatient wards using continuous capnography and oximetry: An international prospective, observational trial." Anesthesia and Analgesia 131(4): 1012-1024.
7. Kheterpal S, Vaughn MT, Dubovoy TZ, Shah NJ, Bash LD, Colquhoun DA, Shanks AM, Mathis MR, **Soto RG**, Bardia A, Bartels K, McCormick PJ, Schonberger RB, and Saager L (2020). "Sugammadex versus neostigmine for reversal of neuromuscular blockade and postoperative pulmonary complications (STRONGER): A multicenter matched cohort analysis." Anesthesiology 132(6): 1371-1381.
8. Kountanis J, **Vahabzadeh C**, Bauer S, Muzik M, Cassidy R, Aman C, MacEachern M, and Bauer M (2020). "Labor epidural analgesia and the risk of postpartum depression: A meta-analysis of observational studies." Journal of Clinical Anesthesia 61: 109658.
9. **Lau WC**, Shannon FL, Hanzel GS, Safian RD, Abbas AE, Sakwa MP, Chen NW, Almany SL, Hanson ID, and **Fayne RJ** (2020). "Transfemoral transcatheter aortic valve replacement using fascia iliaca block as an alternative approach to conscious sedation as compared to general anesthesia." Cardiovascular Revascularization Medicine 21(5): 594-601.
10. Lee Y, **Banooni A**, Yuki K, Staffa SJ, DiNardo JA, and Brown ML (2020). "Incidence and predictors of postoperative nausea and vomiting in children undergoing electrophysiology ablation procedures." Paediatric Anaesthesia 30(2): 147-152.
11. Mathis MR, Naik BI, Freundlich RE, Shanks AM, Heung M, Kim M, Burns ML, Colquhoun DA, Rangrass G, Janda A, Engoren MC, Saager L, Tremper KK, Kheterpal S, Aziz MF, Coffman T, Durieux ME, Levy WJ, Schonberger RB, **Soto R**, Wilczak J, Berman MF, Berris J, Biggs DA, Coles P, Craft RM, Cummings KC, Ellis TA, II, Fleishut PM, Helsten DL, Jameson LC, van Klei WA, Kooij F, LaGorio J, Lins S, Miller SA, Molina S, Nair B,

- Paganelli WC, Peterson W, Tom S, Wanderer JP, Wedeven C, and Multicenter Perioperative Outcomes Group I (2020). "Preoperative risk and the association between hypotension and postoperative acute kidney injury." Anesthesiology 132(3): 461-475.
12. Pathangey G, Hanzel GS, Shannon F, Hanson I, **Lau WC**, Almany S, Safian RD, Kerner N, Gallagher M, Vivacqua A, and Abbas AE (2020). "Left ventricular diastolic function improvement one year after transcatheter aortic valve replacement for severe aortic stenosis." Journal of the American College of Cardiology 75(11): 1256
13. Reilly E, **Manders L**, and Pride K (2020). "Acute pain in the chronic pain patient," In A. Abd-Elseyed (ed). Guide to the Inpatient Pain Consult. Cham: Springer. pp: 239-249.

Department of Diagnostic Radiology and Molecular Imaging

1. Al-Katib AM, Gaith H, Sano D, **Al-Katib S**, Bonnett M, and Kafri Z (2020). "Emergence of overt myeloma in a patient with chronic lymphocytic leukemia on ibrutinib therapy." Clinical Case Reports 8(9): 1797-1801.
2. Al-Katib S, Gupta G, **Brudvik A**, Ries S, Krauss J, and **Farah M** (2020). "A practical guide to managing CT findings in the breast." Clinical Imaging 60(2): 274-282.
3. Bartel TB, Magerefteh S, Avram AM, **Balon HR**, De Blanche LE, Dadparvar S, Johnston M, and Moreau S (2020). "SNMMI procedure standard for scintigraphy for differentiated thyroid cancer." Journal of Nuclear Medicine Technology 48(3): 202.
4. Castillo E, Nair G, Turner-Lawrence D, Myziuk N, **Emerson S**, **Al-Katib S**, Westergaard S, Castillo R, Vinogradskiy Y, Quinn T, Guerrero T, and Stevens C (2020). "Quantifying pulmonary perfusion from noncontrast computed tomography." Medical Physics. ePub Ahead of Print.
5. Freij BJ, Gebara BM, Tariq R, **Wang AM**, Gibson J, El-Wiher N, Krasan G, Patek PM, Levasseur KA, Amin M, and Fullmer JM (2020). "Fatal central nervous system co-infection with SARS-CoV-2 and tuberculosis in a healthy child." BMC Pediatrics 20(1): 429.
6. Hite A, Travers B, Kalthoff R, Ray O, **Khan A-M**, and Barremkala M (2020). "Gross cross-sectional anatomy as a tool to develop imaging proficiency in medical students." The FASEB Journal 34(S1): 1.
7. Jones G, Adams L, **Metz T**, and Akay B (2020). "Child with profound gastric distension." Annals of Emergency Medicine 75(5): 577-626.
8. Kelsch R, Saon M, Sutherland E, **Tech K**, and Al-Katib S (2020). "Discrepant reporting style preferences between clinicians and radiologists." Current Problems in Diagnostic Radiology. ePub Ahead of Print.
9. Kelsch RD, Tarhuni MA, Saon M, Fischbein NJ, and **Khan AM** (2020). "The transsphenoidal encephalocele: Associations and elusive origins." Neurographics 10(4): 236-240.
10. Kelsch RD, **Nolan DA**, and Krishnan A (2020). "Unusual case of biotin-thiamine responsive encephalopathy without basal ganglia involvement." Pediatric Radiology. ePub Ahead of Print.
11. Kolderman NC, Cheti DR, Hasbrook CD, Forsyth AJ, Coffey MP, Nair GB, and **Al-Katib SA** (2020). "Pneumothorax rate and diagnostic adequacy of computed tomography-guided lung nodule biopsies performed with 18 G versus 20 G needles: A cross-sectional study." Journal of Thoracic Imaging 35(4): 265-

12. Lindan CE, Mankad K, Ram D, Kociolek LK, Silvera VM, Boddart N, Stivaros SM, Palasis S, Akhtar S, Alden D, Amonkar S, Aouad P, Aubart M, Bacalla JA, Barbosa AA, Basmaci R, Berteloot L, Blauwblomme T, Brun G, Carney O, Chareyre J, Chéron G, Coimbra PPDA, Dangouloff-Ros V, D'Arco F, Dineen R, De-Pontual L, Desguerre I, Elfallal W, Evans DG, Ferracioli SF, Girard N, Gonçalves FG, Gonzalez I, Grant PE, Grévent D, Guimaraes CVdA, Hassell J, Hirata FCC, Kamaly-Asl I, Jacob J, Jackson K, Jones BV, Joseph R, Jung AY, Kashgari A, Kilday J-P, Kirsch A, Kossorotoff M, **Krishnan A**, Kulkarni S, Leruez-Vill M, Lesage F, Levy R, Li Y, Lima CCdV, Lingappa L, Löbel U, Lopez-Alberola R, Lucato LT, Moreira DD, Murnick JG, Nahmani S, Pagariya S, Pavaine J, Philbrook B, Piovesan AC, Poisson KE, Reddy N, Riley P, Romsauerova A, Roux C-J, Rugilo C, Saigal G, Salvador GLdO, Seidenwurm D, Sermet-Gaudelus I, Sidpra J, Sudhakar SV, Toronchik MS, and Vézina G (2020). "Neuroimaging manifestations in children with SARS-CoV-2 infection: A multinational, multicentre collaborative study." Lancet Child & Adolescent Health. ePub Ahead of Print.
13. Marlow ED, Faia LJ, **Wu D**, Farley N, and Randhawa S (2020). "Paraneoplastic ocular sarcoidosis in the setting of recurrent rectal carcinoid tumor diagnosed by F(18)-fluorodeoxyglucose PET CT." American Journal of Ophthalmology Case Reports 20: 100887.
14. Memon F, Tominna M, Dhingra K, and **Wilseck JM** (2020). "The midline clues to diagnosing San Luis Valley syndrome." Neurographics 10(1): 63-65.
15. Nair GB, **Al-Katib S**, and Castillo E (2020). "Pulmonary blood mass and quantitative lung function imaging in idiopathic pulmonary fibrosis." Radiology: Cardiothorac Imaging 2(3): e200003.
16. Nair GB, **Al-Katib S**, Turner-Lawrence D, Khasawneh M, Myziuk N, Guerrero T, Podolsky R, and Castillo E (2020). "A prospective study to validate pulmonary blood mass changes on non-contrast 4DCT in pulmonary embolism patients." Clinical Imaging. ePub Ahead of Print.
17. Nair GB, Galban CJ, Al-Katib S, Podolsky R, van den Berge M, **Stevens C**, and **Castillo E** (2020). "An assessment of the correlation between robust CT-derived ventilation and pulmonary function test in a cohort with no respiratory symptoms." British Journal of Radiology. ePub Ahead of Print.
18. **Noujaim SE**, Brown KT, Walker DT, and Hasbrook CD (2020). "Paragangliomas of the head and neck: A practical approach to diagnosis and review of detailed anatomy of sites of origin." Neurographics 10(4): 211-222.
19. Pakray A, Walker D, Figacz A, **Kilanowski S**, **Rhodes C**, **Doshi S**, and Coffey M (2020). "Imaging evaluation of COVID-19 in the emergency department." Emergency Radiology. ePub Ahead of Print.
20. Pandey AS, Daou BJ, Tsai JP, Zaidi SF, Salahuddin H, Gemmete JJ, Oliver MJ, Singer J, Elder TA, Mbabuike N, Adel JG, Gujrati Y, Saleemi MA, Siddiqui FM, Elias AE, Rehman MF, Marin H, Chebl AB, Kole M, **Wilseck JM**, **Kazmierczak CD**, **Mick JM**, Majjhoo AQ, Naravetla BR, Rayes M, Luqman AW, Richards BF, Kelkar P, Burgess R, Thompson BG, Chaudhary N, Mazaris PA, Qahwash O, Razak MA, Jumaa MA, and Michigan Stroke Treatment Improvement C (2020). "Letter: COVID-19 pandemic: The bystander effect on stroke care in Michigan." Neurosurgery 87(3): E397-E399.
21. Rasmussen C, Nair G, and **Al-Katib S** (2020). "A case of vaping-associated acute lung injury." Clinical Pulmonary Medicine 27(3): 79-82.
22. Rasmussen C, Niculescu I, Patel S, and **Krishnan A** (2020). "COVID-19 and involvement of the corpus callosum: Potential effect of the cytokine storm?" American Journal of Neuroradiology. ePub Ahead of Print.

23. **Rebner M** and **Pai VR** (2020). "Breast cancer screening recommendations: African American Women are at a disadvantage." Journal of Breast Imaging 2(5): 416-421.
24. Rolain M, Trese M, Rooney D, **Krishnan A**, Stec L, and Granadier R (2020). "The case of the droopy eyelid and frozen globe." EyeNet Magazine. August 2020.
25. Sharma J and **Al-Katib S** (2020). "A rare case of CSF pseudocyst mimicking a complex hepatic syst " Journal of Gastrointestinal and Abdominal Radiology ePub. Ahead of Print.
26. Surro A, Al Tarhuni M, and **Al-Katib S** (2020). "NUT cCarcinoma resulting in SVC syndrome." Clinical Pulmonary Medicine 27(2): 54-57.
27. Vanood A, Ah Lee Y, Leleszi E, and **Krishnan A** (2020). "Symptomatic neurocutaneous melanosis: Mild clinical onset in a teenager." BMJ Case Reports 2020(13): e235772.
28. **Wu D** (2020). "Cerebrospinal fluid (CSF) scintigraphy," In Clinical Nuclear Medicine Neuroimaging. Cham: Springer. pp: 231-266.
29. **Wu D** (2020). "Dopamine transporter scan (DaTscan)," In Clinical Nuclear Medicine Neuroimaging. Cham: Springer. pp: 203-229.
30. **Wu D** (2020). "F-18 fluorodeoxyglucose positron emission tomography (FDG PET) in epilepsies," In Clinical Nuclear Medicine Neuroimaging. Cham: Springer. pp: 101-140.
31. **Wu D** (2020). "FDG PET imaging of brain tumors," In Clinical Nuclear Medicine Neuroimaging. Cham: Springer. pp: 181-202.
32. **Wu D** (2020). "Miscellaneous clinical nuclear medicine neuroimaging studies," Clinical Nuclear Medicine Neuroimaging. Cham: Springer. pp: 267-290.
33. **Wu D** (2020). "Positron emission tomography (PET) in dementias," In Clinical Nuclear Medicine Neuroimaging. Cham: Springer. pp: 1-62.
34. **Wu D** (2020). "Single photon emission computed tomography (SPECT) in dementias," In Clinical Nuclear Medicine Neuroimaging. Cham: Springer. pp: 63-69.

Department of Emergency Medicine

1. Amen A, Karabon P, Bartram C, Irwin K, Dunne R, Wolff M, Daya MR, Vellano K, McNally B, Jacobsen RC, and **Swor R** (2020). "Disparity in receipt and utilization of telecommunicator CPR instruction." Prehospital Emergency Care 24(4): 544-549.
2. **Bahl A**, Hijazi M, Chen NW, Lachapelle-Clavette L, and Price J (2020). "Ultralong versus standard long peripheral intravenous catheters: A randomized controlled trial of ultrasonographically guided catheter survival." Annals of Emergency Medicine 76(2): 134-142.
3. **Bahl A**, Van Baalen MN, **Ortiz L**, Chen N-W, Todd C, Milad M, Yang A, Tang J, Nygren M, and Qu L (2020). "Early predictors of in-hospital mortality in patients with COVID-19 in a large American cohort." Internal &

Emergency Medicine 15(8): 1485-1499.

4. **Bahl A**, Jamali AM, and Ramesh G (2020). "Impact of early urine specimen collection on emergency department time to disposition: A randomized controlled trial." Cureus 12(9): e10495-e10495.
5. Beaudoin FL, Zhai W, Merchant RC, Clark MA, Kurz MC, Hendry P, **Swor RA**, Peak D, Pearson C, Domeier R, Ortiz C, and McLean SA (2020). "Persistent and widespread pain among blacks six weeks after MVC: Emergency department-based cohort study." Western Journal of Emergency Medicine 22(2): 139-147.
6. **Berger DA**, Chen NW, Miller JB, Welch RD, Reynolds JC, Pribble JM, **Swor R**, and CARES Surveillance Group (2020). "Substantial variation exists in post-cardiac arrest outcomes across Michigan hospitals." Resuscitation 159: 97-104.
7. Beyer M, Carzon J, **Otero RM**, Klausner HA, and Keyes DC (2020). "A national survey of research associates programs to support graduate medical education." Annals of Emergency Medicine 76(4): S13-S14.
8. **Burla MJ**, Shinthia N, Boura JA, Qu L, and **Berger DA** (2020). "Resuscitation resident impact in the treatment of sepsis." Cureus 12(7): e9257-e9257.
9. Burns WP, Hartman ND, Weygandt PL, **Jones SC**, Caretta-Weyer H, and Moore KG (2020). "Critical electrocardiogram curriculum: Setting the standard for flipped-classroom EKG instruction." Western Journal of Emergency Medicine 21(1): 52-57.
10. Campbell D and **Ditkoff J** (2020). "Evaluating hospital readmissions through the perspective of the returning emergency department patient." Quality Management in Health Care 29(1): 15-19.
11. Campos A, Ernest EV, Cash RE, Rivard MK, Panchal AR, Clemency BM, **Swor RA**, and Crowe RP (2020). "The association of death notification and related training with burnout among emergency medical services professionals." Prehospital Emergency Care. ePub Ahead of Print.
12. Castillo E, Nair G, **Turner-Lawrence D**, Myziuk N, Emerson S, Al-Katib S, Westergaard S, Castillo R, Vinogradskiy Y, Quinn T, Guerrero T, and Stevens C (2020). "Quantifying pulmonary perfusion from noncontrast computed tomography." Medical Physics. ePub Ahead of Print.
13. Chang AM, Hollander JE, Su E, Weiss RE, Yagapen AN, Malveau SE, Adler DH, **Bastani A**, Baugh CW, Caterino JM, **Clark CL**, Diercks DB, Nicks BA, Nishijima DK, Shah MN, Stiffler KA, Storrow AB, Wilber ST, and Sun BC (2020). "The accuracy of interqual criteria in determining the observation versus inpatient status in older adults with syncope." Journal of Emergency Medicine 59(2): 193-200.
14. Chao J, Saleem S, Tausif HN, **Levasseur K**, and Stec LA (2020). "Internuclear ophthalmoplegia as the first manifestation of pediatric-onset multiple sclerosis and concurrent Lyme Disease." American Journal of Case Reports 21: e925220.
15. Chen BB, Kanaan C, Jaiyesimi I, Ezekwudo D, and **Swor R** (2020). "Clinical characteristics of patients with cancer presenting to the emergency department and their use of emergency medical service transport." Prehospital Emergency Care 24(6): 813-821.
16. Epley C, **Berger D**, **Sawyer K**, and **Burla M** (2020). "Change in resident resuscitation-specific confidence and anxiety levels from a novel rotation." Critical Care Medicine 21(4.1): S8.
17. Fisher R, Bennett MJ, Paternoster R, Karabon P, Devlin W, and **Swor R** (2020). "Utility of abnormal head computed tomography in predicting outcome in out-of-hospital cardiac arrest victims." Therapeutic Hypothermia and Temperature Management. ePub Ahead of Print.

18. Freij BJ, Gebara BM, Tariq R, **Wang AM**, Gibson J, El-Wiher N, Krasan G, Patek PM, **Levasseur KA**, Amin M, and Fullmer JM (2020). "Fatal central nervous system co-infection with SARS-CoV-2 and tuberculosis in a healthy child." BMC Pediatrics 20(1): 429.
19. Gupta A, **Menoch M**, **Levasseur K**, and Gonzalez IE (2020). "Screening pediatric patients in new-onset syncope (SPINS) study." Clinical Pediatrics 59(2): 127-133.
20. Halalau A, **Ditkoff J**, Hamilton J, Sharrak A, Vanood A, Abbas A, and **Ziadeh J** (2020). "Emergency center curbside screening during the COVID-19 pandemic: Retrospective cohort study." JMIR Public Health and Surveillance 6(3): e20040.
21. Hamera J, Talia N, **Sawyer K**, and **Berger D** (2020). "Treatment for pulmonary embolism in a population with low-risk simplified pulmonary embolism." Critical Care Medicine 48(1): 128.
22. Hamera JA, **Bryant NB**, Shievitz MS, and **Berger DA** (2020). "Systemic thrombolysis for refractory cardiac arrest due to presumed myocardial infarction." American Journal of Emergency Medicine 40(226): e3-226.e.5.
23. Jandu S, Sefa N, **Sawyer KN**, and **Swor R** (2020). "Electrocardiographic changes in patients undergoing targeted temperature management." Journal of the American College of Emergency Physicians Open 1(4): 327-332.
24. Jones G, **Adams L**, Metz T, and Akay B (2020). "Child with profound gastric distension." Annals of Emergency Medicine 75(5): 577-626.
25. Jones G, **Adams L**, Metz T, and Akay B (2020). "Images in emergency medicine diagnosis." Annals of Emergency Medicine 75(5): 577-+.
26. **Jung D** (2020). "Gender-based harassment of emergency medicine trainees: What faculty educators need to know." AEM Education and Training 4(1): 77-80.
27. Kache S, Patel S, Chen NW, **Qu L**, and **Bahl A** (2020). "Doomed peripheral intravenous catheters: Bad outcomes are similar for emergency department and inpatient placed catheters: A retrospective medical record review." Journal of Vascular Access. ePub Ahead of Print.
28. Kocher KE, Arora R, Bassin BS, Benjamin LS, Bolton M, **Dennis BJ**, Ham JJ, Krupp SS, **Levasseur KA**, Macy ML, O'Neil BJ, Pribble JM, Sherwin RL, Sroufe NS, Uren BJ, and Nypaver MM (2020). "Baseline performance of real-world clinical practice within a Statewide Emergency Medicine Quality Network: The Michigan Emergency Department Improvement Collaborative (MEDIC)." Annals of Emergency Medicine 75(2): 192-205.
29. Ledvina A, Hamilton J, **Clark C**, **Bastani A**, **Otero R**, **Ziadeh J**, **Ditkoff J**, and **Swor R** (2020). "Preliminary report of drive through COVID-19 screening process in a large suburban hospital." Annals of Emergency Medicine 76(4): S127-S127.
30. Lee DM, **Berger DA**, Wloszczynski PA, Karabon P, Qu L, and **Burla MJ** (2020). "Assessing the impact of resuscitation residents on the treatment of cardiopulmonary resuscitation patients." American Journal of Emergency Medicine 41: 46-50.
31. Levy PD, **Burla MJ**, Twiner MJ, Marinica AL, Mahn JJ, Reed B, Brody A, Ehrman R, Brodsky A, Zhang Y, Nasser SA, and Flack JM (2020). "Effect of lower blood pressure goals on left ventricular structure and function in patients with subclinical hypertensive heart disease." American Journal of Hypertension 33(9): 837-845.
32. Maloy JD, Chen NW, Qu L, Merwine SJ, **Ziadeh J**, and **Berger DA** (2020). "Opioid ordering habits in the acute

emergency department visit: Before and after implementation of departmental prescribing guidelines." Journal of the American College of Emergency Physicians Open 1(6): 1472-1479.

33. McLean SA, Ressler K, Koenen KC, Neylan T, Germine L, Jovanovic T, Clifford GD, Zeng D, An X, Linnstaedt S, Beaudoin F, House S, Bollen KA, Musey P, Hendry P, Jones CW, Lewandowski C, **Swor R**, Datner E, Mohiuddin K, Stevens JS, Storrow A, Kurz MC, McGrath ME, Fermann GJ, Hudak LA, Gentile N, Chang AM, Peak DA, Pascual JL, Seamon MJ, Sergot P, Peacock WF, Diercks D, Sanchez LD, Rathlev N, Domeier R, Haran JP, Pearson C, Murty VP, Insel TR, Dagum P, Onnela JP, Bruce SE, Gaynes BN, Joormann J, Miller MW, Pietrzak RH, Buysse DJ, Pizzagalli DA, Rauch SL, Harte SE, Young LJ, Barch DM, Lebois LAM, van Rooij SJH, Luna B, Smoller JW, Dougherty RF, Pace TWW, Binder E, Sheridan JF, Elliott JM, Basu A, Fromer M, Parlikar T, Zaslavsky AM, and Kessler R (2020). "The AURORA Study: S longitudinal, multimodal library of brain biology and function after traumatic stress exposure." Molecular Psychiatry 25(2): 283-296.
34. Moore AB, Su E, Weiss RE, Yagapen AN, Malveau SE, Adler DH, **Bastani A**, Baugh CW, Caterino JM, **Clark CL**, Diercks DB, Hollander JE, Nicks BA, Nishijima DK, Shah MN, Stiffler KA, Storrow AB, Wilber ST, and Sun BC (2020). "Frequency of abnormal and critical laboratory results in older patients presenting to the emergency department with syncope." Academy Emergency Medicine 27(2): 161-164.
35. Moskowitz A, Andersen LW, Rittenberger JC, **Swor R**, Seethala RR, Kurz MC, Berg KM, Chase M, Cocchi MN, Grossestreuer AV, Liu X, Holmberg MJ, Callaway CW, and Donnino MW (2020). "Continuous neuromuscular blockade following successful resuscitation from cardiac arrest: A randomized trial." Journal of the American Heart Association 9: e017171.
36. Moskowitz A, Huang DT, Hou PC, Gong J, Doshi PB, Grossestreuer AV, Andersen LW, Ngo L, Sherwin RL, Berg KM, Chase M, Cocchi MN, McCannon JB, Hershey M, Hilewitz A, Korotun M, Becker LB, **Otero RM**, Uduman J, and Sen A (2020). "Effect of ascorbic acid, corticosteroids, and thiamine on organ injury in septic shock: The ACTS randomized clinical trial." JAMA 324(7): 642-650.
37. Nair GB, Al-Katib S, **Turner-Lawrence D**, Khasawneh M, Myziuk N, Guerrero T, Podolsky R, and Castillo E (2020). "A prospective study to validate pulmonary blood mass changes on non-contrast 4DCT in pulmonary embolism patients." Clinical Imaging. ePub Ahead of Print.
38. Newson JM, Santos CD, **Walters BL**, and **Todd BR** (2020). "The case of flecainide toxicity: What to look for and how to treat." Journal of Emergency Medicine 59(2): e43-e47.
39. Newson JM, Sefa N, and **Berger DA** (2020). "Identifying acute myocardial infarction in ventricular-paced patients: The effectiveness of modified Sgarbossa criteria." American Journal of Emergency Medicine. ePub Ahead of Print.
40. Omar H, Yue R, Amen A, Kowalenko T, and **Walters BL** (2020). "Reassessment of violence toward emergency medicine physicians in Michigan." American Journal of Emergency Medicine 38(8): 1582-1583.
41. Patek P, Corcoran J, **Adams L**, and Khandhar P (2020). "SARS-CoV-2 infection in a 2-week-old male with neutropenia." Clinical Pediatrics 59(9-10): 918-920.
42. Patel F, **Benjamin JS**, and Gadiwala S (2020). "Acute torticollis in a 3-year-old child: Think outside the neck." Pediatrics in Review 41(11): 596-598.
43. Pollack CV, Jr., Peacock WF, Bernstein RA, **Clark CL**, Douketis J, Fermann GJ, Fiore GJ, Frost A, Jahromi B, Johnson C, Merli G, Silber S, Villines TC, and Fanikos J (2020). "The safety of oral anticoagulants registry (SOAR): A national, ED-based study of the evaluation and management of bleeding and bleeding concerns due to the use of oral anticoagulants." American Journal of Emergency Medicine 38(6): 1163-1170.

44. Probst MA, Gibson T, Weiss RE, Yagapen AN, Malveau SE, Adler DH, **Bastani A**, Baugh CW, Caterino JM, **Clark CL**, Diercks DB, Hollander JE, Nicks BA, Nishijima DK, Shah MN, Stiffler KA, Storrow AB, Wilber ST, and Sun BC (2020). "Risk stratification of older adults who present to the emergency department with syncope: The FAINT score." Annals of Emergency Medicine 75(2): 147-158.
45. Rosen T, Liu SW, **Cameron-Comasco L**, Clark S, Mulcare MR, Biese K, Magidson PD, Tyler KR, Melady D, Thatphet P, Wongtangman T, Elder NM, Stern ME, and the Academy of Geriatric Emergency M (2020). "Geriatric emergency medicine fellowships: Current state of specialized training for emergency physicians in optimizing care for older adults." AEM Education and Training 4(S1): S122-S129.
46. Saleem S and **Levasseur K** (2020). "Facial swelling post-surgery." Journal of Emergency Medicine 59(3): e93-e94.
47. Talia N, **Berger D**, Chen NW, Purekar M, Qu LH, **Swor RA**, and **Otero R** (2020). "Lactate expression category and mortality in emergency department patients with severe sepsis and septic shock." Circulation 142(24): E500.
48. Tan A, Durbin M, Chung FR, Rubin AL, Cuthel AM, McQuilkin JA, Modrek AS, Jamin C, Gavin N, Mann D, Swartz JL, Austrian JS, Testa PA, Hill JD, Grudzen CR, and **Otero R** (2020). "Design and implementation of a clinical decision support tool for primary palliative Care for Emergency Medicine (PRIM-ER)." BMC Medical Informatics and Decision Making 20(1): 13.
49. **Todd BR**, Nierenberg L, and Price J (2020). "Mondor's Disease: A rare cause of chest pain in the emergency department." Cureus 12(2): e6917.
50. **Todd BR**, Patel K, Chen N, Prewitt N, and **Shah P** (2020). "Risk factors for mortality in emergency medicine morbidity and mortality cases." Annals of Emergency Medicine 76(4): S100-S100.
51. **Todd BR**, Traylor S, Heron L, and **Turner-Lawrence D** (2020). "SPRINT through tasks: A novel curriculum for improving resident task management in the emergency department." MedEdPORTAL 16: 10956.
52. **Todd B**, Shinthia N, Nierenberg L, Mansour L, Miller M, and **Otero R** (2020). "Impact of electronic medical record alerts on emergency physician workflow and medical management." Journal of Emergency Medicine. ePub Ahead of Print.
53. Tomlinson MS, Santos HP, Stewart JR, Joseph R, Leviton A, Onderdonk AB, Kuban KCK, Heeren T, O'Shea TM, Fry RC, Shah B, Singh R, Van Marter L, Martin C, Ware J, Cole C, Perrin E, Bednarek F, Frazier JA, Ehrenkranz R, **Benjamin J**, O'Shea TM, Bose C, Warner D, Engelke S, Poortenga M, Pastyrnak S, Karna P, Paneth N, Lenski M, Schreiber M, Hunter S, Msall M, Batton D, Klarr J, Christianson K, Klein D, Pimental M, Hallisey C, Coster T, Nylen E, Neger E, Mattern K, Venuti L, Powers B, Foley A, Williams J, Romano E, Hiatt D, Peters N, Brown P, Anusinha E, Bose G, Wereszczak J, Bernhardt J, Adams J, Wilson D, Darden-Saad N, Sutton D, Rathbun J, Miras K, Weiland D, Yoon G, Ramoskaite R, Wiggins S, Washington K, Martin R, Prendergast B, Kring B, Smith A, McQuiston S, Butler S, Wilson R, McGhee K, Lee P, Asgarian A, Sadhwani A, Henson B, Keller C, Walkowiak J, Barron S, Miller A, Dessureau B, Wood M, Damon-Minow J, Romano E, Mayes L, Tsatsanis K, Chawarska K, Kim S, Dieterich S, Bearrs K, Waldrep E, Friedman J, Hounshell G, Allred D, Helms R, Whitley L, Stainback G, Bostic L, Jacobson A, McKeeman J, Meyer E, Pastyrnak S, Price J, Lloyd M, Plesha-Troyke S, Scott M, Solomon KM, Brooklier K, and Vogt K (2020). "Neurocognitive and social-communicative function of children born very preterm at 10 years of age: Associations with microorganisms recovered from the placenta parenchyma." Journal of Perinatology 40(2): 306-315.
54. Tram J, **Pressman A**, Chen NW, **Berger DA**, Miller J, Welch RD, Reynolds JC, Pribble J, Hanson I, and **Swor R** (2020). "Percutaneous mechanical circulatory support and survival in patients resuscitated from Out of Hospital cardiac arrest: A study from the CARES surveillance group." Resuscitation 158: 122-129.

55. Travers B, **Jones S, Bastani A, Opsommer M**, Beydoun A, Karabon P, and **Donaldson D** (2020). "Assessing geriatric patients with head injury in the emergency department using the novel level III trauma protocol." [American Journal of Emergency Medicine](#). ePub Ahead of Print.
56. Wiczorek M, **Otero R**, Knight S, Ziadeh K, Blumline J, Rollins Z, Littmann H, Hufstader R, and **Swor R** (2020). "Outcomes for patients with congestive heart failure and chronic kidney disease receiving fluid resuscitation for severe sepsis or septic shock." [Annals of Emergency Medicine](#) 76(4): S121-S121.

Department of Family Medicine

1. Burch J and **Mulhem E** (2020). "For children with an acute exacerbation of asthma, what are the effects of second-line inhaled bronchodilators?" [Cochrane Clinical Answers](#).
2. Burch J and **Mulhem E** (2020). "What is the accuracy of galactomannan sandwich enzyme-linked immunosorbent assay (ELISA) on bronchoalveolar lavage fluid for detection of invasive aspergillosis in immunocompromised people?" [Cochrane Clinical Answers](#).
3. **Mulhem E** (2020). "How do behavioral interventions compare with usual care for promoting continuous positive airway pressure (CPAP) device usage in adults with obstructive sleep apnea?" [Cochrane Clinical Answers](#).
4. **Mulhem E** (2020). "How do corticosteroids compare with placebo for adjunctive treatment of people with sore throat?" [Cochrane Clinical Answers](#).
5. **Mulhem E** (2020). "How do educational interventions compare with usual care for promoting continuous positive airway pressure (CPAP) device usage in adults with obstructive sleep apnea?" [Cochrane Clinical Answers](#).
6. **Mulhem E** (2020). "How do mixed interventions (educational, supportive, behavioral) compare with usual care for promoting continuous positive airway pressure (CPAP) device usage in adults with obstructive sleep apnea?" [Cochrane Clinical Answers](#).
7. **Mulhem E** (2020). "How do supportive interventions compare with usual care for promoting continuous positive airway pressure (CPAP) device usage in adults with obstructive sleep apnea?" [Cochrane Clinical Answers](#).
8. **Mulhem E** (2020). "How does mixed exercise training compare with usual care for adults with fibromyalgia?" [Cochrane Clinical Answers](#).
9. **Mulhem E** (2020). "How does tonsillectomy compare with tonsillotomy for children and adolescents with obstructive sleep-disordered breathing?" [Cochrane Clinical Answers](#).
10. **Mulhem E**, Brown I, and Song K (2020). "Electronic health record reminder effect on hepatitis C antibody screening." [Journal of the American Board of Family Medicine](#) 33(6): 1016-1019.
11. **Mulhem E** (2020). "For women undergoing assisted reproduction for subfertility, what are the effects of antioxidants?" [Cochrane Clinical Answers](#).
12. **Mulhem E** (2020). "What are the benefits and harms of positive airway pressure (PAP) therapy for treatment of patients with central sleep apnea associated with heart failure?" [Cochrane Clinical Answers](#).

13. **Mulhem E** (2020). "What are the benefits and harms of prostacyclin for people with pulmonary arterial hypertension?" [Cochrane Clinical Answers](#).
14. **Sangal RB** (2020). "Auto-titrating CPAP for the treatment of obstructive sleep apnea in children: APAP and CPAP pressures were not that close." [Journal of Clinical Sleep Medicine](#) 16(10): 1823-1823.
15. **Sangal RB** and Sudan N (2020). "Baseline lighter sleep and lower saturation are associated with improved sleepiness and adherence on continuous rather than autotitrating positive airway pressure." [Clinical EEG and Neuroscience](#) 51(3): 174-179.
16. Tort S and **Mulhem E** (2020). "What are the effects of intrapleural fibrinolytic therapy for parapneumonic effusions and empyema in adults?" [Cochrane Clinical Answers](#).
17. Zazove P, Plegue MA, McKee MM, DeJonckheere M, Kileny PR, Schleicher LS, Green LA, Sen A, Rapai ME, and **Mulhem E** (2020). "Effective hearing loss screening in primary care: The early auditory referral-primary care study." [Annals of Family Medicine](#) 18(6): 520-527.

Department of Foundational Medical Studies (BH)

1. Bahl A, Van Baalen MN, Ortiz L, Chen N-W, Todd C, Milad M, Yang A, Tang J, Nygren M, and **Qu L** (2020). "Early predictors of in-hospital mortality in patients with COVID-19 in a large American cohort." [Internal & Emergency Medicine](#) 15(8): 1485-1499.
2. Burla MJ, Shinthia N, Boura JA, **Qu L**, and Berger DA (2020). "Resuscitation resident impact in the treatment of sepsis." [Cureus](#) 12(7): e9257-e9257.
3. Grzywacz VP, Quinn TJ, **Reitemeier PJ**, Navin MC, Hamstra DA, Anderson JM, Stevens CW, and Kabolizadeh P (2020). "Third party insurance providers and initial rejection of proton therapy." [International Journal of Radiation Oncology Biology Physics](#) 108(3): E420-E420.
4. Kache S, Patel S, Chen NW, **Qu L**, and Bahl A (2020). "Doomed peripheral intravenous catheters: Bad outcomes are similar for emergency department and inpatient placed catheters: A retrospective medical record review." [Journal of Vascular Access](#). ePub Ahead of Print.
5. Lee DM, Berger DA, Wloszczynski PA, Karabon P, **Qu L**, and Burla MJ (2020). "Assessing the impact of resuscitation residents on the treatment of cardiopulmonary resuscitation patients." [American Journal of Emergency Medicine](#) 41: 46-50.
6. Maloy JD, Chen NW, **Qu L**, Merwine SJ, Ziadeh J, and Berger DA (2020). "Opioid ordering habits in the acute emergency department visit: Before and after implementation of departmental prescribing guidelines." [Journal of the American College of Emergency Physicians Open](#) 1(6): 1472-1479.
7. Mankuzhy N, Jahshan A, Quinn TJ, Almahariq MF, **Qu L**, and Grills IS (2020). "An efficient and objective method for identifying radiation-related cardiac toxicity after definitive conventional radiation for locally advanced non-small cell lung cancer." [International Journal of Radiation Oncology, Biology, Physics](#) 108(3): e84-e84.
8. Mertz S, Chehab F, Koerber J, Hoffman J, and **Smythe M** (2020). "Anti-inhibitor coagulant complex for hemorrhage reversal in patients taking apixaban and rivaroxaban." [Critical Care Medicine](#) 48(1): 241.

9. Peterson E, Fergus J, Yost C, **Qu L**, and Chittick PJ (2020). "The effect of a multimodal stewardship approach on antibiotic prescribing for outpatients with acute respiratory tract infections: Order set implementation and education." Journal of the American College of Clinical Pharmacy 3(7): 1319-1325.
10. Talia N, Berger D, Chen NW, Purekar M, **Qu LH**, Swor RA, and Otero R (2020). "Lactate expression category and mortality in emergency department patients with severe sepsis and septic shock." Circulation 142(24): E500.

Department of Foundational Medical Studies (OU)

1. Abdel Motaleb AA, Tawfik YM, El-Mokhtar MA, Elkady S, El-Gazzar AF, **Kamel-ElSayed S**, and Awad SM (2020). "Cutaneous JAK expression in vitiligo." Journal of Cutaneous Medicine and Surgery: 1203475420972340.
2. Abdel-Magiud EM, Taha EA, Bakr RM, Ismail SA, Sayed SK, Makboul M, **Kamel-ElSayed S**, and Abdel Motaleb AA (2020). "Effects of different therapeutic modalities for postacne scars on circulating collagen III." Journal of Cosmetic Dermatology 19(6): 1517-1521.
3. **Afonso N**, Kelekar A, and Alangaden A (2020). "'I have a cough': An interactive virtual respiratory case-based module." MedEdPORTAL 16: 11058-11058.
4. Alberts NM, Badawy SM, Hodges J, Estep JH, Nwosu C, **Khan H**, Smeltzer MP, **Homayouni R**, Norell S, Klesges L, Porter JS, and Hankins JS (2020). "Development of the InCharge Health Mobile App to improve adherence to hydroxyurea in patients with sickle cell disease: User-centered design approach." JMIR mHealth uHealth 8(5): e14884.
5. Anyadike K, Cascardo C, Hoevet M, Idris M, Alakhras H, and **Barremkala M** (2020). "Complete absence of oblique fissure in the left lung: A case report on anatomic variation." The FASEB Journal 34(S1): 1.
6. **Attardi SM**, **Gould DJ**, **Pratt RL**, and **Roach VA** (2020). "Teacher knows best: Student-requested YouTube-based pre-matriculation resources do not alleviate student anxiety in anatomy." The FASEB Journal 34(S1): 1.
7. Bazos E, **Attardi SM**, Baytor J, Wilson TD. (2020). "Clinical anatomy and unexpected careers: Is there a curriculum for that?" Anatomy Science Education. ePub Ahead of Print.
8. Brockman RM, Taylor JM, Segars LW, Selke V, and **Taylor TAH** (2020). "Student perceptions of online and in-person microbiology laboratory experiences in undergraduate medical education." Medical Education Online 25(1): 1710324.
9. **Brummett A** (2020). "Secular clinical ethicists should not be neutral regarding the truth of all religious belief: An argument for a moral-metaphysical proceduralism." The American Journal of Bioethics. ePub Ahead of Print.
10. **Brummett A** (2020). "Reaching across the 'deepest divide': Moral acquaintanceship, religion, and bioethics." The Heythrop Journal 61(4): 677-688.
11. **Brummett A** (2020). "Should positive claims of conscience receive the same protection as negative claims of conscience? Clarifying the asymmetry debate." Journal of Clinical Ethics 31(2): 136-42.
12. **Brummett A** and Bach M (2020). "Dementia, beauty, and play: A way of seeing and being with the wearisome patient." Clinical Ethics. ePub Ahead of Print.

13. **Brummett A** (2020). "The baffling babble of brain injury." Health Communication. ePub Ahead of Print
14. **Brummett A** (2020). "When conscientious objection run amok: A physician refusing HIV preventative to a bisexual patient." Clinical Ethics. ePub Ahead of Print.
15. **Brummett A** (2020). "The prisoner dilemma: Inconsistent decisions for continuing life-sustaining treatment between a patient with very limited communication and their surrogate." Clinical Ethics. ePub Ahead of Print.
16. Castelnovo G, De Giorgio A, Manzoni GM, Treadway DC, and **Mohiyeddini C** (2020). "Psychological, behavioral, and interpersonal effects and clinical implications for health systems of the Coronavirus (COVID-19) Pandemic: A call for research." Frontiers in Psychology 11: 2146.
17. Challa JA, Kasir R, and **Taranikanti V** (2020). "Abnormal anatomical and radiological changes in a rare presentation of adult developmental dysplasia of the hip." Cureus 12(8): e9938.
18. Chams N, Chams S, Badran R, Shams A, Araji A, Raad M, Mukhopadhyay S, Stroberg E, Duval EJ, Barton LM, and **Hajj-Hussein I** (2020). "COVID-19: A multidisciplinary review." Frontiers in Public Health 8: 383.
19. Cheah C, **Hajj-Hussein I**, El Othmani A, Rizvi SA, Sayeed Z, and El-Othmani MM (2020). "Assessing preoperative risk factors with sex disparities in total joint arthroplasty patients and financial outcomes from the National Inpatient Sample Database." The Journal of the American Academy of Orthopaedic Surgeons 28(21): e969-976.
20. Cheah C, **Hajj-Hussein I**, Sayeed Z, and El-Othmani MM (2020). "Assessing gender disparities in total joint arthroplasty from the National Inpatient Sample Database." The FASEB Journal 34(S1): 1.
21. Chen JY, Galwankar NS, Emch HN, Menon SS, **Cortes C**, Thurman JM, Merrill SA, Brodsky RA, and Ferreira VP (2020). "Properdin is a key player in lysis of red blood cells and complement activation on endothelial cells in hemolytic anemias caused by complement dysregulation." Frontiers in Immunology 11: 1460.
22. Cholack G, Lisk K, **Venuti JM**, and **Attardi SM** (2020). "Is integration within anatomical sciences important? Assessing medical student learning of histology and embryology via interdisciplinary causal mechanisms." The FASEB Journal 34(S1): 1.
23. Dallaghan GLB, **Ledford CH**, Ander D, Spollen J, Smith S, Graziano S, and Cox SM (2020). "Evolving roles of clerkship directors: Have expectations changed?" Medical Education Online 25(1): 1714201.
24. Degaga TK, Zenebe AM, Wirtu AT, Woldehawariat TD, Dellie ST, and **Gemechu JM** (2020). "Anatomographic variants of sphenoid sinus in Ethiopian population." Diagnostics 10(11): 970.
25. Dekhou AS and **Gemechu J** (2020). "The superior laryngeal nerve and its vulnerability in surgeries of the neck." The FASEB Journal 34(S1): 1.
26. Derias N, **Loftus S**, and **Kamel-ElSayed S** (2020). "Threshold concepts in medical physiology." The FASEB Journal 34(S1): 1.
27. DiMagno AN, **Hajj-Hussein I**, Othmani AE, Stasch J, Sayeed Z, and El-Othmani MM (2020). "Chronic kidney disease impact on total joint arthroplasty outcomes: A national inpatient sample-based study." Journal of Orthopaedic Surgery 28(3): 2309499020916129.
28. DiMagno AN, **Hajj-Hussein I**, Sayeed Z, and El-Othmani MM (2020). "Chronic kidney disease impact on total

- joint arthroplasty outcomes: A national inpatient sample based study." The FASEB Journal 34(S1): 1.
29. **Engwall K** and Roe M (2020). "Git and GitLab in library website change management workflows." Code4Lib Journal 48: 2020-05-11.
 30. Ensz JL, Paul J, Gannon J, Bruins A, Carney CR, and **Barremkala M** (2020). "Right aortic arch with mirror image branching and situs solitus: A case report on anatomic variation." The FASEB Journal 34(S1): 1.
 31. Gappy M, **Barremkala M**, and **Farr AC** (2020). "Perception of the Chaldean population towards whole body donation." The FASEB Journal 34(S1): 1.
 32. **Gemechu J**, Zenebe A, **Wasserman J**, **Barremkala M**, and **Hajj-Hussein I** (2020). "The perception and emotional experiences of Ethiopian medical students during human cadaver dissection." The FASEB Journal 34(S1): 1.
 33. Gite J, Ramanathan S, and **Hajj-Hussein I** (2020). "HPV: The power of vaccination." The FASEB Journal 34(S1): 1-1.
 34. Gupta R, Pham L, Hsia C, Daboul R, Galen B, and **Gemechu J** (2020). "Anatomical variation of high bilateral brachial artery bifurcation: A case report." The FASEB Journal 34(S1): 1.
 35. Haight M, Bahner I, Belovich AL, Bonaminio G, Brennenman A, Brooks WS, Chinn C, El-Sawi N, Haudek SB, **McAuley RJ**, Rowe R, Slivkoff MD, and Vari RC (2020). "How is health science education tackling the opioid crisis?" Medical Science Educator 30: 1295-1297.
 36. Hamilton N, Olumolade O, Aittama M, Samoray O, Khan M, **Wasserman JA**, Weber K, and Ragina N (2020). "Access barriers to healthcare for people living with disabilities." Journal of Public Health. ePub Ahead of Print.
 37. Haque A, **Cortes C**, Alam MN, Sreedhar M, Ferreira VP, and Pangburn MK (2020). "Characterization of binding properties of individual functional sites of human complement factor H." Frontiers in Immunology 11: 1728.
 38. Harmon D, Hankin M, Martindale J, Davies D, McNary T, Sanky C, Laitman J, Reidenberg JS, Keim S, Miriyala S, **Pratt R**, Lopez L, Doroudi M, Topping D, Royer D, and Cotter M (2020). "Essential anatomy for anesthesiology in the undergraduate medical curriculum." The FASEB Journal 34(S1): 1
 39. Harrell K, Davies D, Topping D, Keim S, Marzban H, Latacha K, Mork A, Wineski L, Lopez L, Kirera F, McNary T, McWhorter D, Zumwalt A, Carpenetti T, Downs MB, Sanky C, Laitman J, Reidenberg JS, **Pratt R**, Lewis S, Farias A, Brooks W, Royer D, Cotter M, Martindale J, Harmon D, and Hankin M (2020). "Essential anatomy for obstetrics and gynecology in the undergraduate medical curriculum." The FASEB Journal 34(S1): 1.
 40. Harris T, Bugescu R, Kelly J, Makela A, Sotzen M, Sisk C, Atkin G, **Pratt R**, Crockett E, and Leininger G (2020). "DLK1 expressed in mouse orexin neurons modulates anxio-depressive behavior but not energy balance." Brain Sciences 10(12): 975.
 41. Hinote B and **Wasserman J** (2020). Social and Behavioral Science for Health Professionals. Lanham, MD, Rowman and Littlefield.
 42. Hite A, Travers B, Kalthoff R, Ray O, Khan A-M, and **Barremkala M** (2020). "Gross cross-sectional anatomy as a tool to develop imaging proficiency in medical students." The FASEB Journal 34(S1): 1.

43. John J, Bukhsh OA, Skowronski C, Ngo HG, Silverman BR, and **Barremkala M** (2020). "Variation in the morphology of the extensor pollicis longus and extensor digitorum muscles: A case report." The FASEB Journal 34(S1): 1-1.
44. Jurjus RA, Hijal N, Farhat R, **Hajj-Hussein I**, and Jurjus A (2020). "Academic effectiveness of a medical teacher as perceived by the educators themselves and their students." The FASEB Journal 34(S1): 1.
45. **Kamel-El Sayed S**, Nezwek TA, and Varacallo M (2020). "Physiology, Bone," StatPearls. Treasure Island (FL): StatPearls Publishing.
46. **Kamel-El Sayed S**, Fahmy MW, and Schwartz J (2020). "Physiology, Pituitary Gland," StatPearls. Treasure Island (FL): StatPearls Publishing.
47. Kelekar A and **Afonso N** (2020). "Evaluation of the effect of a new clinical reasoning curriculum in a pre-clerkship clinical skills course." Perspectives on Medical Education 9(2): 123-127.
48. Kruse A, Huetteman H, Harvey R, **Gemechu J**, and **Barremkala M** (2020). "Mockticals: Student-directed anatomy mock practical exams in a cadaver laboratory." The FASEB Journal 34(S1): 1.
49. **Kuang SY**, Walter S, Yang X, and Li X (2020). "The problems with the concepts of osmole and osmotically active particles." The FASEB Journal 34(S1): 1.
50. **Kuang SY**, Walter S, Yang X, and Li X (2020). "The concept of osmolarity: Problems and resolutions." The FASEB Journal 34(S1): 1.
51. **Kuang SY**, Walter S, Yang X, and Li X (2020). "The concept of tonicity: Problems and resolutions." The FASEB Journal 34(S1): 1.
52. **Lerchenfeldt S**, **Attardi SM**, **Pratt RL**, **Sawarynski KE**, and **Taylor TAH** (2020). "Twelve tips for interfacing with the new generation of medical students: iGen." Medical Teacher: 1-6.
53. **Lerchenfeldt S**, **Kamel-ElSayed S**, **Patino G**, **Thomas DM**, and Wagner J (2020). "Suicide assessment and management team-based learning module." MedEdPORTAL 16: 10952.
54. **Lerchenfeldt S** and **Taylor TAH** (2020). "Best practices in peer assessment: Training tomorrow's physicians to obtain and provide quality feedback [Response to Letter]." Advances in Medical Education and Practice 11: 851-852.
55. **Lucia VC**, Kelekar A, and **Afonso NM** (2020). "COVID-19 vaccine hesitancy among medical students." Journal of Public Health. ePub Ahead of Print.
56. **Lucia, VC** and Wedemeyer R (2020). "Evaluating effectiveness of faculty and near-peer delivered teaching and communication skills training." Medical Science Educator. ePub Ahead of Print.
57. Luedtke A, Lewis A, and **Kuang SY** (2020). "Time constant and length constant: Graphical illustrations for effective teaching and learning." The FASEB Journal 34(S1): 1.
58. Malinowski SM and **Wasserman JA** (2020). "Centrifuged-concentrated intravitreal slurry triamcinolone acetonide: An inexpensive, easy, and viable alternative to long-term steroid delivery." Journal of VitreoRetinal Diseases 5(1): 15-31.
59. Mohr M, Olive E, **Barremkala M**, Browne B, and **Venuti J** (2020). "Does teaching an etymological dissection

- tool aid student understanding and retention of terminology?" The FASEB Journal 34(S1): 1.
60. Navin MC, **Wasserman JA**, Jain S, Baughman KR, and Laventhal NT (2020). "When do pediatricians call the ethics consultation service? Impact of clinical experience and formal ethics training." AJOB Empirical Bioethics 11(2): 83-90.
 61. Navin MC, **Wasserman JA**, and Opel DJ (2020). "Reasons to accept vaccine refusers in primary care." Pediatrics 146(6): e20201801.
 62. Ogunyemi D, Haltigin C, Vallie S, and **Ferrari TM** (2020). "Evolution of an obstetrics and gynecology interprofessional simulation-based education session for medical and nursing students." Medicine 99(43): 1-7.
 63. Pfennig M, Porcaro S, Khatchadourian N, Bughrara M, Burkett E, and **Barremkala M** (2020). "Rare bilateral variation of the extensor indicis tendon in two female cadavers." The FASEB Journal 34(S1): 1.
 64. **Pitts DG**, **Wasserman JA**, and **Gould DJ** (2020). "Implementing a successful faculty-driven diversity liaison program: An innovative approach to faculty recruitment at OUWB School of Medicine." Medical Science Educator 30: 1007-1009.
 65. **Roach VA**, **Mi MS**, Mussell J, Van Nuland SE, Lufler RS, DeVeau KM, Dunham SM, Husmann P, Herriott HL, Edwards DN, Doubleday AF, Wilson BM, and Wilson AB (2020). "Correlating spatial ability with anatomy assessment performance: A meta-analysis." Anatomical Sciences Education. ePub Ahead of Print.
 66. **Roach VA**, **Mi M**, Mussell JC, Van Nuland SE, Lufler RS, DeVeau KM, Dunham SM, Husmann PR, Herriott HL, Edwards DN, Doubleday AF, Wilson BM, and Wilson AB (2020). "A systematic review of spatial ability & anatomy performance: It's time for a metaanalysis." The FASEB Journal 34(S1): 1.
 67. Rowe RJ, Bahner I, Belovich AN, Bonaminio G, Brenneman A, Brooks WS, Chinn C, El-Sawi N, Haudek SB, Haight M, **McAuley R**, Slivkoff MD, and Vari RC (2020). "Evolution and revolution in medical education: Health System Sciences (HSS)." Medical Science Educator. ePub Ahead of Print.
 68. Saban RJ, Berns MM, Al-Hakim MM, and **Patino GA** (2020). "Hydrocephalus as the presenting symptom of sarcoidosis: A case report and review of literature." Clinical Case Reports 8(2): 363-368.
 69. Sandrone S, Berthaud JV, Carlson C, Cios J, Dixit N, Farheen A, Kraker J, Owens JWM, **Patino G**, Sarva H, Weber D, and Schneider LD (2020). "Active learning in psychiatry education: Current practices and future perspectives." Frontiers in Psychiatry 11: 211.
 70. Sandrone S, Berthaud JV, Carlson C, Cios J, Dixit N, Farheen A, Kraker J, Owens JWM, **Patino G**, Sarva H, Weber D, and Schneider LD (2020). "Strategic considerations for applying the flipped classroom to neurology education." Annals of Neurology 87(1): 4-9.
 71. **Sawarynski K** and **Gould DJ** (2020). "A foundational science department's transition to an online community." Medical Science Educator 30(4): 1389-1391.
 72. Schoenherr DT, **Dereski MO**, Bernacki KD, Hafez-Khayyata S, and **Attardi SM** (2020). "Online integrative histology module improves self-efficacy for medical students with lower course performance." The FASEB Journal 34(S1): 1.
 73. Sellers T, Ghannam M, Asantey K, Klei J, Olive E, and **Roach VA** (2020). "An early introduction to surgical skills: Validating a low-cost laparoscopic skill training program purpose built for undergraduate medical education." American Journal of Surgery 221(1): 95-100.

74. Sharrak A, Yoskowitz R, Karabon P, and **Lerchenfeldt S** (2020). "Understanding opioid addiction in the Chaldean community: A brief report." Journal of Immigrant and Minority Health 23: 405-408.
75. Shendy NAM, Raghu D, **Roy S**, Perry CH, Safi A, Branco MR, **Homayouni R**, and Abell AN (2020). "Coordinated regulation of Rel expression by MAP3K4, CBP, and HDAC6 controls phenotypic switching." Communications Biology 3(1): 475.
76. Sims MD, Maine GN, Childers KL, Podolsky RH, Voss DR, Berkiw-Scenna N, Oh J, Heinrich KE, Keil H, **Kennedy RH**, and **Homayouni R** (2020). "COVID-19 seropositivity and asymptomatic rates in healthcare workers are associated with job function and masking." Clinical Infectious Diseases. ePub Ahead of Print.
77. Skowronski C, Ngo HG, John J, Bukhsh O, Silverman BR, **Venuti J**, and **Barremkala M** (2020). "A rare occurrence of left-sided inferior vena cava: A case report." The FASEB Journal 34(S1): 1.
78. **Swanberg SM**, Thielen J, and **Bulgarelli N** (2020). "Faculty knowledge and attitudes regarding predatory open access journals: A needs assessment study." Journal of the Medical Library Association 108(2): 208-218.
79. **Taranikanti V**, Padmanabhan S, and Waly M (2020). "Role of B vitamins on oxidative stress and apoptotic proteins expression in experimental colon cancer model." The FASEB Journal 34(S1): 1.
80. **Taylor TAH**, **Baxa D**, and Sims M (2020). Learning Microbiology and Infectious Diseases: Clinical Case Prep for the USMLE. Thieme Medical Publishers, Inc.
81. **Taylor TAH** and **Swanberg SM** (2020). "A comparison of peer and faculty narrative feedback on medical student oral research presentations." International Journal of Medical Education 11: 222-229.
82. Thielen J, Spunaugle E, and **Swanberg S** (2020). "Research forum: Creating and sustaining an intra-library venue to share library faculty research." Journal of Librarianship and Scholarly Communication 8(1): 2332-2332.
83. Thomas AM, Fahim DK, and **Gemechu JM** (2020). "Anatomical variations of the recurrent laryngeal nerve and implications for injury prevention during surgical procedures of the neck." Diagnostics 10(9): 670.
84. Travers B, Hite A, Kalthoff R, Ray O, **Gould D**, and **Barremkala M** (2020). "Human cadaver preservation techniques during prolonged dissection on downdraft tables in a gross anatomy laboratory." The FASEB Journal 34(S1): 1
85. Triska JS, **Barremkala M**, and **Farr AC** (2020). "The effects of christianity on whole body donation within the African American community." The FASEB Journal 34(S1): 1.
86. Walter BL, Suhrawardy A, Ahmadi P, Walton H, Mrowczynski S, Khatter N, Mielke N, Armstrong Z, and **Barremkala M** (2020). "Anomalous origin of obturator artery from inferior epigastric artery." The FASEB Journal 34(S1): 1.
87. **Wasserman JA** (2020). "Humanism in health and healthcare (iCollaborative)." MedEdPortal Resource ID 5089.
88. **Wasserman JA** and Navin MC (2020). "The irrelevance of origins: Dementia, advance directives, and the capacity for preferences." American Journal of Bioethics 20(8): 98-100.
89. **Wasserman JA**, Navin MC, Drzyzga V, and Gibb TS (2020). "Practising what we preach: Clinical ethicists'

professional perspectives and personal use of advance directives." [Journal of Medical Ethics](#). ePub Ahead of Print.

90. **Wasserman JA**, Redinger M, and Gibb T (2020). "Responding to unprofessional behavior by trainees: A "just culture" framework." [New England Journal of Medicine](#) 382(8): 773-777.
91. Wren JD, Bai Y, Qin ZS, Yan D, and **Homayouni R** (2020). "Proceedings of the 2019 MidSouth Computational Biology and Bioinformatics Society (MCBIOS) conference." [BMC Bioinformatics](#) 21(Suppl 4): 254.

Department of Internal Medicine

1. **Abbas A**, Kadri AN, Okuno T, Elmariah S, Pibarot P, Camacho A, Selberg A, Mando R, Al-Azizi K, **Almany S**, Vivacqua A, Ternacle J, Christensen J, Waggoner T, Gheewala N, **Hanzel G**, Shannon F, Khalili H, Mack M, and Pilgrim T (2020). "The impact of valvular hemodynamics post-TAVR for native aortic stenosis on 1-year outcomes: A multicenter international retrospective study." [Journal of the American College of Cardiology](#) 76(17): B43-B43.
2. **Abbas A**, Pibarot P, Hahn R, Ternacle J, Bax J, Xu K, Alu M, Rogers E, Mack M, Leon M, and Thourani V (2020). "Impact of flow on the incidence and prognosis of prosthesis-patient mismatch following aortic valve replacement in the PARTNER 2 study and registry." [Journal of the American College of Cardiology](#) 76(17): B43-B44.
3. **Abbas AE** (2020). "Letter by Abbas regarding articles, "Balloon-expandable versus self-expanding transcatheter aortic valve replacement: A propensity-matched comparison from the FRANCE-TAVI registry" and "Impact of sapien 3 balloon-expandable versus Evolut R self-expandable transcatheter aortic valve implantation in patients with aortic stenosis: Data from a nationwide analysis"." [Circulation](#) 141(24): e908-e909.
4. **Abbas AE** (2020). "Prosthesis-patient mismatch following transcatheter aortic valve replacement." [JACC-Cardiovascular Interventions](#) 13(1): 138-138.
5. **Abbas AE**, Mando R, **Hanzel G**, **Goldstein J**, Shannon F, and Pibarot P (2020). "Hemodynamic principles of prosthetic aortic valve evaluation in the transcatheter aortic valve replacement era." [Echocardiography](#) 37(5): 738-757.
6. **Abbas AE**, Mando R, **Hanzel GS**, Shannon F, **Gallagher M**, Kassas S, Al-Azizi K, Christensen J, Szerlip M, Potluri S, Harrington K, and Mack M (2020). "Immediate post-TAVR simultaneous echocardiographic and invasive mean gradients in balloon vs. self-expanding valves: A multi-center retrospective study." [Journal of the American College of Cardiology](#) 75(11): 1490.
7. **Abbas AE**, Mando R, Ternacle J, Pibarot P, Rodes-Cabau J, Guimaraes L, **Hanzel GS**, Sigua-Arce P, **Safian RD**, Lau W, and Shannon F (2020). "The impact of aortic valve velocity and mean gradient on the incidence and severity of prosthesis patient mismatch following TAVR." [Journal of the American College of Cardiology](#) 75(11): 1489-1489.
8. Ades PA, Balady GJ, Berra K, **Franklin BA**, Froelicher V, Hamm LF, Kaminsky LA, and Williams MA (2020). "The Journal of Cardiopulmonary Rehabilitation and Prevention at 40 years and its role in the evolution of cardiac rehabilitation." [Journal of Cardiopulmonary Rehabilitation and Prevention](#) 40(1): 2-8.
9. Afonso N, **Kelekar A**, and Alangaden A (2020). ""I have a cough": An interactive virtual respiratory case-based module." [MedEdPORTAL](#) 16: 11058-11058.
10. Ahmed N, Mauad VAQ, Gomez-Rojas O, Sushea A, Castro-Tejada G, Michel J, Linares JM, Salles LP, Santos LC,

- Shan M, Nassir R, Montanez-Valverde R, Fabiano R, Danyi S, Hosseyni SH, Anand S, Ahmad U, Casteleins WA, Sanchez AT, Fouad A, Jacome A, Paiva M, Ruiz AGS, Grochowski RA, Toyama M, Nagi H, Sarvodelli MZ, and **Halalau A** (2020). "The impact of rehabilitation-oriented virtual reality device in patients with ischemic stroke in the early subacute recovery phase: Study protocol for a phase III, single-blinded, randomized, controlled clinical trial." Journal of Central Nervous System Disease 12: 1179573519899471.
11. Akyol S, Yilmaz A, Oh KJ, Ugur Z, Aydas B, McGuinness B, Passmore P, Kehoe PG, **Maddens M**, Green BD, and Graham SF (2020). "Evidence that the Kennedy and polyamine pathways are dysregulated in human brain in cases of dementia with Lewy bodies." Brain Research 1743: 146897.
 12. Al'Aref SJ, Singh G, Choi JW, Xu ZR, Maliakal G, van Rosendael AR, Lee BC, Fatima Z, Andreini D, Bax JJ, Cademartiri F, **Chinnaiyan K**, Chow BJW, Conte E, Cury RC, Feuchtner G, Hadamitzky M, Kim YJ, Lee SE, Leipsic JA, Maffei E, Marques H, Plank F, Pontone G, **Raff GL**, Villines TC, Weirich HG, Cho I, Danad I, Han D, Heo R, Lee JH, Rizvi A, Stuijzand WJ, Gransar H, Lu Y, Sung JM, Park HB, Berman DS, Budoff MJ, Samady H, Stone PH, Virmani R, Narula J, Chang HJ, Lin FY, Baskaran L, Shaw LJ, and Min JK (2020). "A boosted ensemble algorithm for determination of plaque stability in high-risk patients on coronary CTA." JACC-Cardiovascular Imaging 13(10): 2162-2173.
 13. Al'Arefilb SJ, Maliakal G, Singh G, van Rosendael AR, Ma XY, Xu ZR, Alawamlh OA, Lee B, Pandey M, Achenbach S, Al-Mallah MH, Andreini D, Bax JJ, Berman DS, Budoff MJ, Cademartiri F, Canister TQ, Chang HJ, **Chinnaiyan K**, Chow BJW, Cury RC, DeLago A, Feuchtner G, Hadamitzky M, Hausleiter J, Kaufmann PA, Kim YJ, Leipsic JA, Maffei E, Marques H, Goncalves PD, Pontone G, **Raff GL**, Rubinshtein R, Villines TC, Gransar H, Lu Y, Jones EC, Pena JM, Lin FY, Min JK, and Shaw LJ (2020). "Machine learning of clinical variables and coronary artery calcium scoring for the prediction of obstructive coronary artery disease on coronary computed tomography angiography: Analysis from the CONFIRM registry." European Heart Journal 41(3): 359-367.
 14. Al-Khadra Y, Sattar Y, Ullah W, Moussa Pacha H, Baibars M, Darmoch F, Abu-Mahfouz M, Afonso L, **Glazier JJ**, Devireddy C, Anwaruddin S, Sorajja P, Ajmal R, Shing Kwok C, Asfour AI, Zehr K, Mamas MA, and Alraies MC (2020). "Temporal trends and outcomes in utilization of transcatheter and surgical aortic valve therapies in aortic valve stenosis patients with heart failure." International Journal of Clinical Practice 75(3): e13711.
 15. Allen O and **Dixon SR** (2020). "Unstable angina in a low-risk patient: "Zero" does not mean no-risk." Journal of the American College of Cardiology 75(11): 3026-3026.
 16. **Allen S**, Petersen A, Harrison K, Tosun N, and Cameron J (2020). "Response to nicotine following overnight smoking abstinence during short-term progesterone treatment in women." Experimental and Clinical Psychopharmacology 28(3): 306-316.
 17. Anastasius M, Maggiore P, Huang A, Blanke P, Patel MR, Nørgaard BL, Fairbairn TA, Nieman K, Akasaka T, Berman DS, **Raff GL**, Hurwitz Koweek LM, Pontone G, Kawasaki T, Rønnow Sand NP, Jensen JM, Amano T, Poon M, Øvrehus KA, Sonck J, Rabbat MG, Mullen S, De Bruyne B, Rogers C, Matsuo H, Bax JJ, and Leipsic J (2020). "The clinical utility of FFR(CT) stratified by age." Journal of Cardiovascular Computed Tomography 15(2): 121-128.
 18. Anusim N, Antonios B, Gupta R, Jindal V, Khoury J, and **Jaiyesimi I** (2020). "A population-based analysis of outcomes in patients with Enteropathy-Associated T-cell Lymphoma (EATL)." American Journal of Hematology 95: S3-S3.
 19. Anusim N, Ionescu F, Afolayan-Oloye O, and **Gaikazian SS** (2020). "Diffuse large B-cell lymphoma of the vagina in pregnancy." BMJ Case Reports 13(1): 1-3.
 20. Anusim N, Ionescu F, Khoury J, Konde A, and **Jaiyesimi I** (2020). "Demographics and survival in metastatic inflammatory breast cancer. SEER data analysis." Cancer Research 80(4): Supplement.

21. Anusim N, Smalley M, Zimmer MS, Lang D, Jindal V, Ahaneku HO, Gupta R, Franklin C, and **Jaiyesimi I** (2020). "COVID-19 and hematologic malignancies: Single institution analysis." Blood 136: 27-27.
22. Arora A, **Jacob M**, and **Cappell MS** (2020). "Novel videoendoscopy demonstrating irregular, pulsatile GI bleeding from left atrium through an esophageal fistula after pulmonary vein isolation and catheter ablation for atrial fibrillation (with video)." Gastrointestinal Endoscopy 92(1): 211-212.
23. Assar S, Mando R, Gaines R, **Hanzel GS**, Shannon F, **Hanson I**, Lau W, **Almany S**, **Safian RD**, **Kerner N**, **Gallagher M**, Vivacqua A, and **Abbas AE** (2020). "The effect of flow and gradient on the acceleration and ejection times and their ratio in patients with severe aortic stenosis." Journal of the American College of Cardiology 75(11): 1602.
24. Baecher-Lind L, Fleming AC, Bhargava R, Cox SM, Everett EN, Graziano SC, Katz NT, **Sims SM**, Morgan HK, Morosky CM, Sonn TS, Sutton JM, Royce CS, and Assoc Prof Gynecology O (2020). "Medical education and safety as co-priorities in the Coronavirus Disease 2019 (COVID-19) Era: We can do both." Obstetrics and Gynecology 136(4): 830-834.
25. Bajaj JS, Brenner DM, Cai Q, Cash BD, Crowell M, Dibaise J, Gallegos-Orozco JF, Gardner TB, Gyawali CP, Ha C, Holtmann G, **Jamil LH**, Kaplan GG, Karsan HA, Kinoshita Y, Lebowhl B, Leontiadis GI, Lichtenstein GR, Longstreth GF, Muthusamy VR, Oxentenko AS, Pimentel M, Pisegna JR, Rubenstein JH, Russo MW, Saini SD, Samadder NJ, Shaikat A, Simren M, Stevens T, Valdovinos M, Vargas H, Spiegel B, and Lacy BE (2020). "Major trends in gastroenterology and hepatology between 2010 and 2019: An overview of advances from the past decade selected by the editorial board of the American Journal of Gastroenterology." American Journal of Gastroenterology 115(7): 1007-1018.
26. Balanescu DV, Donisan T, Mertens A, and **Hanson I** (2020). "Early improvement in right ventricular dysfunction following transseptal transcatheter mitral valve-in-valve replacement." Journal of the American College of Cardiology 75(11): 2981-2981.
27. Balinski AM, Karabon P, Pathangey G, and **Abbas AE** (2020). "Transcatheter aortic valve replacement temporal trends: Procedural volume impact on length of stay and readmissions." Journal of the American College of Cardiology 75(11): 1268.
28. Balogh EP, Bindman AB, Eckhardt SG, Halabi S, Harvey RD, **Jaiyesimi I**, Miksad R, Moses HL, Nass SJ, Schilsky RL, Sun S, Torrente JM, and Warren KE (2020). "Challenges and opportunities to updating prescribing information for longstanding oncology drugs." Oncologist 25(3): e405-e411.
29. Baskaran L, Al'Aref SJ, Maliakal G, Lee BC, Xu ZR, Choi JW, Lee SE, Sung JM, Lin FY, Dunham S, Mosadegh B, Kim YJ, Gottlieb I, Lee BK, Chun EJ, Cademartiri F, Maffei E, Marques H, Shin SH, Choi JH, **Chinnaiyan K**, Hadamitzky M, Conte E, Andreini D, Pontone G, Budoff MJ, Leipsic JA, **Raff GL**, Virmani R, Samady H, Stone PH, Berman DS, Narula J, Bax JJ, Chang HJ, Min JK, and Shaw LJ (2020). "Automatic segmentation of multiple cardiovascular structures from cardiac computed tomography angiography images using deep learning." PLoS ONE 15(5): e0232573.
30. Bastola S, Ojbindra K, Khanal S, and **Halalau A** (2020). "Hepatitis-associated aplastic anemia from workout supplement: Rare but potentially fatal entity." Sage Open Medical Case Reports 8: 2050313X20901937.
31. Bax AM, van Rosendael AR, Ma X, van den Hoogen IJ, Gianni U, Tantawy SW, Hollenberg EJ, Andreini D, Al-Mallah MH, Budoff MJ, Cademartiri F, **Chinnaiyan K**, Choi JH, Conte E, Marques H, de Araújo Gonçalves P, Gottlieb I, Hadamitzky M, Leipsic JA, Maffei E, Pontone G, Shin S, Kim YJ, Lee BK, Chun EJ, Sung JM, Lee SE, Virmani R, Samady H, Stone PH, Berman DS, Min JK, Narula J, Lin FY, Chang HJ, and Shaw LJ (2020). "Comparative differences in the atherosclerotic disease burden between the epicardial coronary arteries:

- Quantitative plaque analysis on coronary computed tomography angiography." European Heart Journal Cardiovasc Imaging. ePub Ahead of Print.
32. Bergin SP, Coles A, Calvert SB, Farley J, Powers JH, Zervos MJ, **Sims M**, Kollef MH, Durkin MJ, Kabchi BA, Donnelly HK, Bardossy AC, Greenshields C, Rubin D, Sun JL, Chiswell K, Santiago J, Gu P, Tenaerts P, Fowler VG, Jr., and Holland TL (2020). "PROPHETIC: Prospective identification of pneumonia in hospitalized patients in the ICU." Chest 158(6): 2370-2380.
 33. Bloomingdale R and **Safian RD** (2020). "What's so anomalous about anomalous coronary arteries?" Catheter Cardiovascular Interventions 96(2): 328-329.
 34. Boyanton BL, **Hanna MM**, Hafez-Khayyata S, and Robinson-Dunn B (2020). "Fatal postpartum infection." Infectious Diseases in Clinical Practice 28(1): 53-54.
 35. Boyd R, Danforth MD, Rapoport G, Sleeper MM, Devlin WH, **Kutinsky I**, Brainard B, and Murphy HW (2020). "Great ape heart project guidelines for the echocardiographic assessment of great apes." Journal of Zoo and Wildlife Medicine 50(4): 822-836.
 36. Bradley CJ and **Haines DE** (2020). "Pulsed field ablation for pulmonary vein isolation in the treatment of atrial fibrillation." Journal of Cardiovascular Electrophysiology 31(8): 2136-2147.
 37. Brown EC, **Franklin BA**, Regensteiner JG, and Stewart KJ (2020). "Effects of single bout resistance exercise on glucose levels, insulin action, and cardiovascular risk in type 2 diabetes: A narrative review." Journal of Diabetes Complications 34(8): 107610.
 38. Burwick RM, Yawetz S, Stephenson KE, Collier AY, Sen P, Blackburn BG, Kojic EM, Hirshberg A, Suarez JF, Sobieszczyk ME, Marks KM, Mazur S, Big C, Manuel O, Morlin G, Rose SJ, Naqvi M, Goldfarb IT, DeZure A, Telep L, Tan SK, Zhao Y, Hahambis T, Hindman J, Chokkalingam AP, Carter C, Das M, Osinusi AO, Brainard DM, Varughese TA, Kovalenko O, **Sims MD**, Desai S, Swamy G, Sheffield JS, Zash R, and Short WR (2020). "Compassionate use of Remdesivir in pregnant women with severe Covid-19." Clinical Infectious Diseases. ePub Ahead of Print.
 39. Cami E, Tagami T, **Raff G**, **Gallagher MJ**, Fan A, Hafeez A, Willner SJ, Arce PS, George J, **Bilolifar A**, **Chinnaiyan K**, and **Safian RD** (2020). "Importance of measurement site on assessment of lesion-specific ischemia and diagnostic performance by coronary computed tomography Angiography-Derived Fractional Flow Reserve." Journal of Cardiovascular Computed Tomography 15(2): 114-120.
 40. **Cappell MS** (2020). "Moderately severe diarrhea and impaired renal function with COVID-19 infection." The American Journal of Gastroenterology 115(6): 947-948.
 41. **Cappell MS** (2020). "Two case reports of novel syndrome of bizarre performance of gastrointestinal endoscopy due to toxic encephalopathy of endoscopists among 181767 endoscopies in a 13-year-university hospital review: Endoscopists, first do no harm!" World Journal of Gastroenterology 26(9): 984-991.
 42. **Cappell MS** (2020). "Improving the safety of endoscopy in pregnancy: Approaching gravidity with gravitas." Digestive Diseases and Sciences 65(10): 2745-2748.
 43. **Cappell MS**, Stavropoulos SN, and Friedel D (2020). "Updated systematic review of achalasia, with a focus on POEM Therapy." Digestive Diseases & Sciences 65(1): 38-65.
 44. **Cappell MS** (2020). "Problems for gastrointestinal patients with diarrheal disorders: Limited access to public bathrooms because previously open public bathrooms have closed due to COVID-19 pandemic and inadequate number of bathrooms in some endoscopy suites." American Journal of Gastroenterology 116(6):

1355-1356.

45. Carroll JD, Mack MJ, Vemulapalli S, Herrmann HC, Gleason TG, **Hanzel G**, Deeb GM, Thourani VH, Cohen DJ, Desai N, Kirtane AJ, Fitzgerald S, Michaels J, Krohn C, Masoudi FA, Brindis RG, and Bavaria JE (2020). "STS-ACC TVT registry of transcatheter aortic valve replacement." Journal of the American College of Cardiology 76(21): 2492-2516.
46. Castillo E, Castillo R, Vinogradskiy Y, **Nair G**, Grills I, Guerrero T, and Stevens C (2020). "Technical note: On the spatial correlation between robust CT-ventilation methods and SPECT ventilation." Medical Physics 47(11): 5731-5738.
47. Castillo E, **Nair G**, Turner-Lawrence D, Myziuk N, Emerson S, Al-Katib S, Westergaard S, Castillo R, Vinogradskiy Y, Quinn T, Guerrero T, and Stevens C (2020). "Quantifying pulmonary perfusion from noncontrast computed tomography." Medical Physics. ePub Ahead of Print.
48. Chen BB, Kanaan C, **Jaiyesimi I**, Ezekwudo D, and Swor R (2020). "Clinical characteristics of patients with cancer presenting to the emergency department and their use of Emergency Medical Service transport." Prehospital Emergency Care 24(6): 813-821.
49. Chen S, David SW, Khan ZA, Metzger DC, Wasserman HS, Lotfi AS, **Hanson ID**, **Dixon SR**, LaLonde TA, Génereux P, Ozan MO, Maehara A, and Stone GW (2020). "One-year outcomes of supersaturated oxygen therapy in acute anterior myocardial infarction: The IC-HOT study." Catheterization and Cardiovascular Interventions. ePub Ahead of Print.
50. **Chinnaiyan KM**, **Safian RD**, **Gallagher ML**, George J, **Dixon SR**, **Bilollikar AN**, **Abbas AE**, **Shoukfeh M**, **Brodsky M**, Stewart J, Cami E, **Forst D**, **Timmis S**, Crile J, and **Raff GL** (2020). "Clinical use of CT-derived fractional flow reserve in the emergency department." JACC: Cardiovascular Imaging 13(2): 452-461.
51. Choi JW, van Rosendael AR, Bax AM, van den Hoogen IJ, Gianni U, Baskaran L, Andreini D, De Cecco CN, Earls J, Ferencik M, Hecht H, Leipsic JA, Maurovich-Horvat P, Nicol E, Pontone G, Raman S, Schoenhagen P, Arbab-Zadeh A, Choi AD, Feuchtner G, Weir-McCall J, **Chinnaiyan K**, Whelton S, Min JK, Villines TC, and Al'Aref SJ (2020). "The Journal of Cardiovascular Computed Tomography year in review – 2019." Journal of Cardiovascular Computed Tomography 14(2): 107-117.
52. Cloutier Barbour C, Danforth MD, Murphy H, Sleeper MM, and **Kutinsky I** (2020). "Monitoring great ape heart health through innovative electrocardiogram technology: Training methodologies and welfare implications." Zoo Biology 39(6): 443-447.
53. Conte E, Dwivedi A, Mushtaq S, Pontone G, Lin FY, Hollenberg EJ, Lee SE, Bax J, Cademartiri F, **Chinnaiyan K**, Chow BJW, Cury RC, Feuchtner G, Hadamitzky M, Kim YJ, Baggiano A, Leipsic J, Maffei E, Marques H, Plank F, **Raff GL**, van Rosendael AR, Villines TC, Weirich HG, Al'Aref SJ, Baskaran L, Cho I, Danad I, Han D, Heo R, Lee JH, Stuijzand WJ, Gransar H, Lu Y, Sung JM, Park HB, Al-Mallah MH, de Araújo Gonçalves P, Berman DS, Budoff MJ, Samady H, Shaw LJ, Stone PH, Virmani R, Narula J, Min JK, Chang HJ, and Andreini D (2020). "Age- and sex-related features of atherosclerosis from coronary computed tomography angiography in patients prior to acute coronary syndrome: Results from the ICONIC study." European Heart Journal Cardiovascular Imaging. ePub Ahead of Print.
54. **Desai TK** and Chey WD (2020). "Response to Skole et al." The American Journal of Gastroenterology 115(10): 1726.
55. **Desai TK** and Chey WD (2020). "Epidemiology and the impact of therapies on the outcome of COVID-19 in patients with inflammatory bowel disease response." American Journal of Gastroenterology 115(10): 1726-1726.

56. Edhi AI, Gjeorgjievski M, **Kulesza G**, and **Cappell MS** (2020). "Esophagopericardial fistula from thermal injury after local abnormal ventricular activity arrhythmia ablation therapy: Endoscopic findings and therapy." Gastrointestinal Endoscopy 91(3): 709-711.
57. Edhi AI, Hakim S, Shams C, Bedi D, Amin M, and **Cappell MS** (2020). "Clarithromycin-associated acute liver failure leading to fatal, massive upper gastrointestinal hemorrhage from profound coagulopathy: Case report and systematic literature review." Case Reports in Hepatology 2020: 2135239.
58. Elmunzer BJ, Wolf BJ, Scheiman JM, Tierney WM, Taylor JR, **Jamil L**, and Aneese AM (2020). "Association between preadmission acid suppressive medication exposure and severity of illness in patients hospitalized with COVID-19." Gastroenterology. ePub Ahead of Print.
59. Elmunzer BJ, Spitzer RL, Foster LD, Merchant AA, Howard EF, Patel VA, West MK, Qayed E, Nustas R, Zakaria A, Piper MS, Taylor JR, Jaza L, Forbes N, Chau M, Lara LF, Papachristou GI, Volk ML, Hilson LG, Zhou S, Kushnir VM, Lenyo AM, McLeod CG, Amin S, Kuftinec GN, Yadav D, Fox C, Kolb JM, Pawa S, Pawa R, Canakis A, Huang C, **Jamil LH**, Aneese AM, Glamour BK, Smith ZL, Hanley KA, Wood J, Patel HK, Shah JN, Agarunov E, Sethi A, Fogel EL, McNulty G, Haseeb A, Trieu JA, Dixon RE, Yang JY, Mendelsohn RB, Calo D, Aroniadis OC, LaComb JF, Scheiman JM, Sauer BG, Dang DT, Piraka CR, Shah ED, Pohl H, Tierney WM, Mitchell S, Condon A, Lenhart A, Dua KS, Kanagala VS, Kamal A, Singh VK, Pinto-Sanchez MI, Hutchinson JM, Kwon RS, Korsnes SJ, Singh H, Solati Z, Willingham FF, Yachimski PS, Conwell DL, Mosier E, Azab M, Patel A, Buxbaum J, Wani S, Chak A, Hosmer AE, Keswani RN, DiMaio CJ, Bronze MS, Muthusamy R, Canto MI, Gjeorgjievski VM, Imam Z, Odish F, Edhi AI, Orosey M, Tiwari A, Patwardhan S, Brown NG, Patel AA, Ordiah CO, Sloan IP, Cruz L, Koza CL, Okafor U, Hollander T, Furey N, Reykhart O, Zbib NH, Damianos JA, Esteban J, Hajidiacos N, Saul M, Mays M, Anderson G, Wood K, Mathews L, Diakova G, Caisse M, Wakefield L, Nitchie H, Waljee AK, Tang W, Zhang Y, Zhu J, Deshpande AR, Rockey DC, Alford TB and Durkalski V (2020). "Digestive manifestations in patients hospitalized with Coronavirus Disease 2019." Clinical Gastroenterology & Hepatology. ePub Ahead of Print.
60. Eng M, **Abbas A**, Hahn R, Wang DD, Eleid M, and O'Neill W (2020). "Real world outcomes with small (20-mm) balloon expandable sapien 3 valves compared to larger valves (23-, 26-, and 29-mm)." Journal of the American College of Cardiology 76(17): B64-B64.
61. Fairbairn TA, Dobson R, Hurwitz-Koweek L, Matsuo H, Norgaard BL, Rønnow Sand NP, Nieman K, Bax JJ, Pontone G, **Raff G**, **Chinnaiyan KM**, Rabbat M, Amano T, Kawasaki T, Akasaka T, Kitabata H, Binukrishnan S, Rogers C, Berman D, Patel MR, Douglas PS, and Leipsic J (2020). "Sex differences in coronary computed tomography angiography-derived fractional flow reserve: Lessons from ADVANCE." JACC: Cardiovascular Imaging 13(12): 2576-2587.
62. Farshad S, **Halalau A**, Townsend W, and Schioppa E (2020). "Utility of Coronary Calcium Scoring (CCS) in Connective Tissue Disorders (CTDs) for the evaluation of subclinical coronary atherosclerosis: A systematic review." ACR Open Rheumatology 2(2): 84-91.
63. Ferraro RA, van Rosendaal AR, Lu Y, Andreini D, Al-Mallah MH, Cademartiri F, **Chinnaiyan K**, Chow BJW, Conte E, Cury RC, Feuchtner G, de Araújo Gonçalves P, Hadamitzky M, Kim YJ, Leipsic J, Maffei E, Marques H, Plank F, Pontone G, **Raff GL**, Villines TC, Lee SE, Al'Aref SJ, Baskaran L, Cho I, Danad I, Gransar H, Budoff MJ, Samady H, Stone PH, Virmani R, Narula J, Berman DS, Chang HJ, Bax JJ, Min JK, Shaw LJ, and Lin FY (2020). "Non-obstructive high-risk plaques increase the risk of future culprit lesions comparable to obstructive plaques without high-risk features: The ICONIC study." European Heart Journal Cardiovascular Imaging 21(9): 973-980.
64. Fisher R, Bennett MJ, Paternoster R, Karabon P, **Devlin W**, and Swor R (2020). "Utility of abnormal head computed tomography in predicting outcome in out-of-hospital cardiac arrest victims." Therapeutic Hypothermia and Temperature Management. ePub Ahead of Print.

65. **Franklin BA**, Myers J, and Kokkinos P (2020). "Importance of lifestyle modification on cardiovascular risk reduction: Counseling strategies to maximize patient outcomes." Journal of Cardiopulmonary Rehabilitation and Prevention 40(3): 138-143.
66. **Franklin BA**, Thompson PD, Al-Zaiti SS, Albert CM, Hivert MF, Levine BD, Lobelo F, Madan K, Sharrief AZ, and Eijsvogels TMH (2020). "Exercise-related acute cardiovascular events and potential deleterious adaptations following long-term exercise training: Placing the risks into perspective - An update: A scientific statement from the American Heart Association." Circulation 141(13): E705-E736.
67. Gaines R, Mando R, Tucker C, Assar S, Hite A, **Hanzel GS**, **Gallagher M**, Shannon F, and **Abbas AE** (2020). "CT versus echocardiographic stroke volume index compared to invasively derived cardiac index to assess flow in patients with aortic stenosis." Journal of the American College of Cardiology 75(11): 1801-1801.
68. Gaines R, Mando R, Tucker C, Assar S, Hite A, **Hanzel GS**, **Gallagher M**, Shannon F, and **Abbas AE** (2020). "Echocardiographic vs. computed tomographic-derived energy loss index compared to invasive aortic valve area in aortic stenosis." Journal of the American College of Cardiology 75(11): 1802-1802.
69. **Gallagher MJ**, Bloomingdale R, **Berman AD**, **Williamson BD**, **Dixon SR**, and **Safian RD** (2020). "Strategic deployment of cardiology fellows in training using the Accreditation Council for Graduate Medical Education Coronavirus Disease 2019 framework." Journal of the American Heart Association 9(14): 1-16.
70. Garber AJ, Handelsman Y, **Grunberger G**, Einhorn D, Abrahamson MJ, Barzilay JI, Blonde L, Bush MA, DeFronzo RA, Garber JR, Garvey WT, Hirsch IB, Jellinger PS, McGill JB, Mechanick JI, Perreault L, Rosenblit PD, Samson S, and Umpierrez GE (2020). "Consensus statement by the American Association of Clinical Endocrinologists and American College of Endocrinology on the comprehensive type 2 diabetes management algorithm - 2020 executive summary." Endocrine Practice 26(1): 107-139.
71. Garcia S, Stanberry L, Schmidt C, Sharkey S, Megaly M, Albaghdadi MS, Meraj PM, Garberich R, Jaffer FA, Stefanescu Schmidt AC, **Dixon SR**, Rade JJ, Smith T, Tannenbaum M, Chambers J, Aguirre F, Huang PP, Kumbhani DJ, Koshy T, Feldman DN, Giri J, Kaul P, Thompson C, Khalili H, Maini B, Nayak KR, Cohen MG, Bangalore S, Shah B, and Henry TD (2020). "Impact of COVID-19 pandemic on STEMI care: An expanded analysis from the United States." Catheterization and Cardiovascular Interventions. ePub Ahead of Print.
72. Garcia S, Albaghdadi MS, Meraj PM, Schmidt C, Garberich R, Jaffer FA, **Dixon S**, Rade JJ, Tannenbaum M, Chambers J, Huang PP, and Henry TD (2020). "Reduction in ST-segment elevation cardiac catheterization laboratory activations in the United States during COVID-19 pandemic." Journal of the American College of Cardiology 75(22): 2871-2872.
73. Gebhard C, Maredziak M, Messlerli M, Buechel RR, Lin F, Gransar H, Achenbach S, Al-Mallah MH, Andreini D, Bax JJ, Berman DS, Budoff MJ, Cademartiri F, Callister TQ, Chang HJ, **Chinnaiyan K**, Chow BJW, Cury RC, DeLago A, Feuchtner G, Hadamitzky M, Hausleiter J, Kim YJ, Leipsic J, Maffei E, Marques H, Gonçalves PA, Pontone G, Raff GL, Rubinshtein R, Shaw LJ, Villines TC, Lu Y, Jones EC, Peña JM, Min JK, and Kaufmann PA (2020). "Increased long-term mortality in women with high left ventricular ejection fraction: Data from the CONFIRM (CORonary CT Angiography EvaluationN For Clinical Outcomes: An InteRnational Multicenter) long-term registry." European Heart Journal Cardiovascular Imaging 21(4): 363-374.
74. Gill I, Edhi AI, and **Cappell MS** (2020). "Proposed characterization of the syndrome of epidural pneumatosis (pneumorrhachis) in patients with forceful vomiting from diabetic ketoacidosis as a clinico-radiologic pentad based on systematic literature review & an illustrative case report." Medicine 99(35): e21001.
75. Gjeorgjievski M, Imam Z, **Cappell MS**, **Jamil LH**, and Kahaleh M (2020). "A comprehensive review of endoscopic management of sleeve gastrectomy leaks." Journal of Clinical Gastroenterology. ePub Ahead of

Print.

76. Gjeorgjievski M and **Ghaith G** (2020). "ERCP after percutaneous cholecystostomy: Methylene blue-assisted biliary cannulation for diminutive papilla." Gastrointestinal Endoscopy. ePub Ahead of Print.
77. **Goldstein JA** (2020). "Cardiac tamponade in the interventional era: A paradigm shift in etiology and outcomes." Catheterization and Cardiovascular Interventions 95(3): 387-388.
78. **Goldstein JA** and **Dixon SR** (2020). "Mechanically supported PCI for ischemic cardiomyopathy reawakening of hibernating myocardium." Catheterization and Cardiovascular Interventions 96(4): 771-772.
79. **Goldstein JA** and **Hanson I** (2020). "Impella RP for treatment of right ventricular shock: Appropriate unloading never gets old." Catheterization and Cardiovascular Interventions 96(2): 382-383.
80. **Goldstein JA** and Kern MJ (2020). "Hemodynamics of constrictive pericarditis and restrictive cardiomyopathy." Catheterization and Cardiovascular Interventions 95(6): 1240-1248.
81. Gomez-Rojas O, Hafeez A, Gandhi N, **Berghea R**, and **Halalau A** (2020). "Bilateral vertebral artery dissection: A case report with literature review." Case Reports in Medicine: 8180926.
82. Gordan JD, Kennedy EB, Abou-Alfa GK, Beg MS, Brower ST, Gade TP, Goff L, Gupta S, Guy J, Harris WP, Iyer R, **Jaiyesimi I**, Jhawer M, Karippot A, Kaseb AO, Kelley RK, Knox JJ, Kortmansky J, Leaf A, Remak WM, Shroff RT, Sohal DPS, Taddei TH, Venepalli NK, Wilson A, Zhu AX, and Rose MG (2020). "Systemic therapy for advanced hepatocellular carcinoma: ASCO guideline." Journal of Clinical Oncology 38(36): 4317-4345.
83. Gralow JR, Barlow WE, Paterson AHG, M'lao JL, Lew DL, Stopeck AT, Hayes DF, Hershman DL, Schubert MM, Clemons M, Van Poznak CH, Dees EC, Ingle JN, Falkson CI, Elias AD, Messino MJ, **Margolis JH**, Dakhil SR, Chew HK, Dammann KZ, Abrams JS, Livingston RB, and Hortobagyi GN (2020). "Phase III randomized trial of bisphosphonates as adjuvant therapy in breast cancer: S0307." Journal of the National Cancer Institute 112(7): 698-707.
84. Greiwe J, Cooke A, Nanda A, Epstein SZ, Wasan AN, Shepard KV, II, Capão-Filipe M, Nish A, Rubin M, Gregory KL, **Dass K**, Blessing-Moore J, and Randolph C (2020). "Work group report: Perspectives in diagnosis and management of exercise-induced bronchoconstriction in athletes." Journal of Allergy and Clinical Immunology 8(8): 2542-2555.
85. **Grunberger G** (2020). "Continuous glucose monitoring: Musing on our progress in memory of Dr Andrew Jay Drexler." Journal of Diabetes 12(10): 772-774.
86. **Grunberger G**, Rosenfeld CR, Bode BW, Abbott SD, Nikkel C, Shi L, and Strange P (2020). "Effectiveness of V-Go® for patients with type 2 diabetes in a real-world setting: A prospective observational study." Drugs - Real World Outcomes 7(1): 31-40.
87. Grzywacz VP, Quinn TJ, Reitemeier PJ, Navin MC, **Hamstra DA**, **Anderson JM**, Stevens CW, and Kabolizadeh P (2020). "Third party insurance providers and initial rejection of proton therapy." International Journal of Radiation Oncology Biology Physics 108(3): E420-E420.
88. Gualdoni J, Meka SG, and **Bozyk PD** (2020). "Principles of nutrition in the critically ill patient," In R.C. Hyzy and J. McSparron (ed). Evidence-Based Critical Care: A Case Study Approach. Cham: Springer International Publishing. pp: 545-550.
89. Gupta R, Madanat L, Jindal V, and **Gaikazian S** (2020). "Celiac plexus block complications: A case report and review of the literature." Journal of Palliative Medicine. ePub Ahead of Print.

90. **Haines DE** (2020). "A paradigm shift to address occupational health risks in the EP laboratory." Heart Rhythm 17(5): 681-682.
91. Hakim S, Aneese AM, Edhi A, Shams C, Purohit T, **Cannon ME**, and **Cappell MS** (2020). "A statistically significant reduction in length of stay and hospital costs with equivalent quality of care metrics for ERCPs performed during the weekend versus postponed to weekdays: A 6-year study of 533 ERCPs at four teaching hospitals." Digestive Diseases and Sciences 65(11): 3132-3142.
92. **Halalau A**, Ditkoff J, Hamilton J, Sharrak A, Vanood A, **Abbas A**, and Ziadeh J (2020). "Emergency center curbside screening during the COVID-19 pandemic: Retrospective cohort study." JMIR Public Health and Surveillance 6(3): e20040.
93. **Halalau A**, Imam Z, Karabon P, Mankuzhy N, Shaheen A, **Tu J**, and **Carpenter C** (2020). "External validation of a clinical risk score to predict hospital admission and in-hospital mortality in COVID-19 patients." Annals of Medicine 53(1): 78-86.
94. **Halalau A**, Odish F, Imam Z, Sharrak A, Brickner E, Lee PB, Foglesong A, Michel A, Gill I, Qu L, **Abbas AE**, and Carpenter CF (2020). "Epidemiology, clinical characteristics, and outcomes of a large cohort of COVID-19 outpatients in Michigan." International Journal of General Medicine. ePub Ahead of Print.
95. Halloran BP, **Jamil LH**, Lo SK, Reeson M, Vasiliauskas EA, Targan S, Ippoliti A, Mann NK, and Melmed GY (2020). "Double-balloon endoscopy in Crohn disease: A tertiary referral center experience." Inflammatory Bowel Diseases. ePub Ahead of Print.
96. Han D, Berman DS, Miller RJH, Andreini D, Budoff MJ, Cademartiri F, **Chinnaiyan K**, Choi JH, Conte E, Marques H, de Araújo Gonçalves P, Gottlieb I, Hadamitzky M, Leipsic J, Maffei E, Pontone G, Shin S, Kim YJ, Lee BK, Chun EJ, Sung JM, Lee SE, Virmani R, Samady H, Stone P, Narula J, Bax JJ, Shaw LJ, Lin FY, Min JK, and Chang HJ (2020). "Association of cardiovascular disease risk factor burden with progression of coronary atherosclerosis assessed by serial coronary computed tomographic angiography." JAMA Network Open 3(7): e2011444.
97. Han D, Klein E, Friedman J, Gransar H, Achenbach S, Al-Mallah MH, Budoff MJ, Cademartiri F, Maffei E, Callister TQ, **Chinnaiyan K**, Chow BJW, DeLago A, Hadamitzky M, Hausleiter J, Kaufmann PA, Villines TC, Kim YJ, Leipsic J, Feuchtner G, Cury RC, Pontone G, Andreini D, Marques H, Rubinshtein R, Chang HJ, Lin FY, Shaw LJ, Min JK, and Berman DS (2020). "Prognostic significance of subtle coronary calcification in patients with zero coronary artery calcium score: From the CONFIRM registry." Atherosclerosis 309: 33-38.
98. Han D, Kolli KK, Al'Aref SJ, Baskaran L, van Rosendaal AR, Gransar H, Andreini D, Budoff MJ, Cademartiri F, **Chinnaiyan K**, Choi JH, Conte E, Marques H, de Araújo Gonçalves P, Gottlieb I, Hadamitzky M, Leipsic JA, Maffei E, Pontone G, **Raff GL**, Shin S, Kim YJ, Lee BK, Chun EJ, Sung JM, Lee SE, Virmani R, Samady H, Stone P, Narula J, Berman DS, Bax JJ, Shaw LJ, Lin FY, Min JK, and Chang HJ (2020). "Machine learning framework to identify individuals at risk of rapid progression of coronary atherosclerosis: From the PARADIGM registry." Journal of the American Heart Association 9(5): e013958.
99. Handelsman Y, Jellinger PS, Guerin CK, Bloomgarden ZT, Brinton EA, Budoff MJ, Davidson MH, Einhorn D, Fazio S, Fonseca VA, Garber AJ, **Grunberger G**, Krauss RM, Mechanick JI, Rosenblit PD, Smith DA, and Wyne KL (2020). "Consensus statement by the American Association of Clinical Endocrinologists and American College of Endocrinology on the management of dyslipidemia and prevention of cardiovascular disease algorithm - 2020 executive summary." Endocrine Practice 26(10): 1196-1224.
100. Hanna A, Imam Z, Odish F, and **Dalal B** (2020). "Multiple liver abscesses caused by *S treptococcus intermedius* bacteremia in the setting of a routine dental cleaning." BMJ Case Reports 13(2): e233097.

101. Hanna A, **Cappell MS**, Gjeorgjievski M, and Amin MB (2020). "Case report of hypopharyngeal extraesophageal cancer incidentally first visualized and diagnosed at esophagogastroduodenoscopy with tumor mass biopsies." Official Journal of the American College of Gastroenterology 115(S): S1101-S1102.
102. Hanna NH, Schneider BJ, Temin S, Baker S, Jr., Brahmer J, Ellis PM, Gaspar LE, Haddad RY, Hesketh PJ, **Jain D**, **Jaiyesimi I**, Johnson DH, Leighl NB, Phillips T, Riely GJ, Robinson AG, Rosell R, Schiller JH, Singh N, Spigel DR, Stabler JO, Tashbar J, and Masters G (2020). "Therapy for stage IV non-small-cell lung cancer without driver alterations: ASCO and OH (CCO) joint guideline update." Journal of Clinical Oncology 38(14): 1608-1632.
103. **Hanson ID**, Tagami T, Mando R, Kara Balla A, **Dixon SR**, **Timmis S**, **Almany S**, Naidu SS, Baran D, Lemor A, Gorgis S, O'Neill W, and Basir MB (2020). "SCAI shock classification in acute myocardial infarction: Insights from the National Cardiogenic Shock Initiative." Catheter & Cardiovascular Interventions 96(6): 1137-1142.
104. **Hanzel GS** and Gersh BJ (2020). "Transcatheter aortic valve replacement in low-risk, young patients: Natural expansion or cause for concern?" Circulation 142(14): 1317-1319.
105. Harmon E, Blackwell JN, Pan JA, Miller M, Laja O, Brock L, Adams J, Dunn S, Voss J, and **Mehta N** (2020). "Implementation of a novel order set to improve baseline pulmonary, hepatic, and thyroid function testing at time of inpatient amiodarone initiation." American Journal of Cardiology 136: 173-175.
106. Horowitz BN, **Kutinsky IB**, and Linde A (2020). "Species-spanning echocardiography: Cardiovascular insights from across the animal kingdom." Current Cardiology Reports 22(12): 165.
107. Howard B, **Haines DE**, Verma A, Packer D, Kirchhof N, Barka N, Onal B, Fraasch S, Miklavčič D, and Stewart MT (2020). "Reduction in pulmonary vein stenosis and collateral damage with pulsed field ablation compared with radiofrequency ablation in a canine model." Circulation: Arrhythmia & Electrophysiology 13(9): e008337-e008337.
108. Imam Z, Odish F, Armstrong J, Elassar H, Dokter J, Langnas E, and **Halalau A** (2020). "Independent correlates of hospitalization in 2040 patients with COVID-19 at a large hospital system in Michigan, United States." Journal of General Internal Medicine 35(8): 2516-2517.
109. Imam Z, Odish F, Gill I, O'Connor D, Armstrong J, Vanood A, Ibrionke O, Hanna A, Ranski A, and **Halalau A** (2020). "Older age and comorbidity are independent mortality predictors in a large cohort of 1305 COVID-19 patients in Michigan, United States." Journal of Internal Medicine 288(4): 469-476.
110. Imam Z, Odish F, Gill I, O'Connor D, Armstrong J, Vanood A, Ibrionke O, Hanna A, Ranski A, and **Halalau A** (2020). "Circulating trimethyllysine and risk of acute myocardial infarction in patients with suspected stable coronary heart disease." Journal of Internal Medicine 288(4): 446-456.
111. Ionescu F, **Jaiyesimi I**, Petrescu I, Lawler PR, Castillo E, Munoz-Maldonado Y, Imam Z, Narasimhan M, **Abbas AE**, Konde A, and **Nair GB** (2020). "Association of anticoagulation dose and survival in hospitalized COVID-19 patients: A retrospective propensity score-weighted analysis." European Journal of Haematology. ePub Ahead of Print.
112. Ionescu F, Grasso-Knight G, Castillo E, Naeem E, Petrescu I, Imam Z, Patel VK, Narasimhan M, and **Nair GB** (2020). "Therapeutic anticoagulation delays death in COVID-19 patients: Cross-sectional analysis of a prospective cohort." TH Open 4(3): e263-e270.
113. Ionescu F, Petrescu I, and **Marin M** (2020). "Unusual behaviour of an unusual tumour: Calcitriol-induced hypercalcaemia in metastatic oesophageal neuroendocrine carcinoma." BMJ Case Reports 13(8): e235209.

114. Jae SY, Kurl S, Bunsawat K, **Franklin BA**, Choo J, Kunutsor SK, Kauhanen J, and Laukkanen JA (2020). "Impact of cardiorespiratory fitness on survival in men with low socioeconomic status." European Journal of Preventive Cardiology. ePub Ahead of Print.
115. Jae SY, Kurl S, Kunutsor SK, **Franklin BA**, and Laukkanen JA (2020). "Relation of maximal systolic blood pressure during exercise testing to the risk of sudden cardiac death in men with and without cardiovascular disease." European Journal of Preventive Cardiology 27(19): 2220-2222.
116. **Jamil LH**, Naveed M, Agrawal D, Fujii-Lau LL, Al-Haddad M, Buxbaum JL, Fishman DS, Jue TL, Law JK, Lee JK, Qumseya BJ, Sawhney MS, Thosani N, Storm AC, Calderwood AH, Gurudu SR, Khashab MA, Yang J, Wani SB, and Chair ASPC (2020). "ASGE guideline on minimum staffing requirements for the performance of GI endoscopy." Gastrointestinal Endoscopy 91(4): 723-+.
117. Jindal V, Khoury J, Gupta R, and **Jaiyesimi I** (2020). "Current status of chimeric antigen receptor T-cell therapy in multiple myeloma." American Journal of Clinical Oncology 43(5): 371-377.
118. Jindal V, Sahu KK, **Gaikazian S**, Siddiqui AD, and **Jaiyesimi I** (2020). "Cancer treatment during COVID-19 pandemic." Medical Oncology 37(7): 58.
119. John J, Garg L, Orosey M, **Desai T**, **Haines DE**, and Wong WS (2020). "The effect of esophageal cooling on esophageal injury during radiofrequency catheter ablation of atrial fibrillation." Journal of Interventional Cardiac Electrophysiology 58(1): 43-50.
120. **Johnson PC**, Le M, **Sims MD**, and **Bozyk PD** (2020). "Diagnosis and management of Clostridium Difficile Infection (CDI)," In R.C. Hyzy and J. McSparron (ed). Evidence-Based Critical Care: A Case Study Approach. Cham: Springer International Publishing. pp: 539-543.
121. Jue TL, Storm AC, Naveed M, Fishman DS, Qumseya BJ, McRee AJ, Truty MJ, Khashab MA, Agrawal D, Al-Haddad M, Amateau SK, Buxbaum JL, Calderwood AH, Dewitt J, Dimaio CJ, Fujii-Lau LL, Gurudu SR, **Jamil LH**, Kwon RS, Law JK, Lee JK, Pawa S, Sawhney MS, Thosani NC, Yang J, and Wani SB (2020). "ASGE guideline on the role of endoscopy in the management of benign and malignant gastroduodenal obstruction " Gastrointestinal Endoscopy. ePub Ahead of Print.
122. Kadri AN, Bernardo M, Assar SZ, Werns S, and **Abbas AE** (2020). "Surgical versus transcatheter aortic valve replacement in patients with malignancy." Cardiovascular Revascularization Medicine 23: 59-65.
123. Kadri AN, Bernardo M, Werns SW, and **Abbas AE** (2020). "TAVR vs. SAVR in patients with cancer and aortic stenosis: A nationwide readmission database registry study." Journal of the American College of Cardiology 75(11): 2139-2139.
124. Kadri AN, Elmariah S, Al-Azizi K, **Hanzel G**, Shannon F, Potluri S, Schaffer J, **Ali A**, Khodor S, Camacho A, Selberg A, Szerlip M, Mack M, and **Abbas A** (2020). "Post-procedural versus discharge echocardiogram hemodynamics post-valve-in-valve transcatheter aortic valve replacement: A multi-center trial." Journal of the American College of Cardiology 76(17): B61-B62.
125. Kadri AN, **Hanzel G**, Shannon F, Elmariah S, Al-Azizi K, Khodor S, Ali A, Camacho A, Selberg A, Harrington K, Vivacqua A, Szerlip M, Mack M, and **Abbas A** (2020). "Concomitant invasive versus echocardiographic mean gradients in degenerated surgical aortic valve prostheses: A multicenter study." Journal of the American College of Cardiology 76(17): B62-B63.
126. Kalra A, Michos ED, and **Chinnaiyan KM** (2020). "COVID-19 and the healthcare workers." European Heart Journal. ePub Ahead of Print.

127. **Kelekar A** and Afonso N (2020). "Evaluation of the effect of a new clinical reasoning curriculum in a pre-clerkship clinical skills course." Perspectives on Medical Education 9(2): 123-127.
128. Kerwin M, Saado J, Pan J, Ailawadi G, Mazimba S, Salerno M, and **Mehta N** (2020). "New-onset atrial fibrillation and outcomes following isolated coronary artery bypass surgery: A systematic review and meta-analysis." Clinical Cardiology 43(9): 928-934.
129. Khashab MA, Vela MF, Thosani N, Agrawal D, Buxbaum JL, Fehmi SMA, Fishman DS, Gurudu SR, **Jamil LH**, Jue TL, Kannadath BS, Law JK, Lee JK, Naveed M, Qumseya BJ, Sawhney MS, Yang J, Wani S, and Standards A (2020). "ASGE guideline on the management of achalasia." Gastrointestinal Endoscopy. ePub Ahead of Print.
130. Khoury J, Anusim N, Macari D, and **Jaiyesimi I** (2020). "Demographics and survival in male breast cancer: An updated analysis of SEER database." Cancer Research 80(4): P4-17-07.
131. Khoury J, Yadav S, Rangarajan T, and **Zakalik D** (2020). "Characteristics and survival of secondary male breast cancer: SEER database analysis." Journal of Clinical Oncology 38(15_suppl): e13690-e13690.
132. Kim M, Lee SP, Kwak S, Yang S, Kim YJ, Andreini D, Al-Mallah MH, Budoff MJ, Cademartiri F, **Chinnaiyan K**, Choi JH, Conte E, Marques H, de Araújo Gonçalves P, Gottlieb I, Hadamitzky M, Leipsic JA, Maffei E, Pontone G, **Raff GL**, Shin S, Lee BK, Chun EJ, Sung JM, Lee SE, Berman DS, Lin FY, Virmani R, Samady H, Stone PH, Narula J, Bax JJ, Shaw LJ, Min JK, and Chang HJ (2020). "Impact of age on coronary artery plaque progression and clinical outcome: A PARADIGM substudy." Journal of Cardiovascular Computed Tomography S1934-5925(20)30448-2.
133. Klavanian J, **Zakalik D**, Konde AS, and Rangarajan T (2020). "ATM mutation carriers and family history of pancreatic cancer." Journal of Clinical Oncology 38(15_suppl): 1529-1529.
134. Klein LW, **Goldstein JA**, **Haines D**, Chambers C, Mehran R, Kort S, Valentine CM, and Cox D (2020). "SCAI Multi-Society position statement on occupational health hazards of the catheterization laboratory: Shifting the paradigm for healthcare workers' protection." Journal of the American College of Cardiology 75(14): 1718-1724.
135. Klein M, Bacher J, Barth S, Atzadeh F, Siebenhaller K, Ferreira I, Beisken S, Posch AE, Carroll KC, Wunderink RG, Qi C, Wu F, Hardy DJ, Patel R, and **Sims MD** (2020). "Multicenter evaluation of the unyvero platform for testing bronchoalveolar lavage fluid." Journal of Clinical Microbiology JCM.02497-20.
136. Kokkinos P, Kaminsky LA, Arena R, Zhang J, **Franklin B**, Kraus W, Triantafyllidi H, Benas D, Whellan DJ, and Myers J (2020). "New equations for predicting maximum oxygen uptake in patients with heart failure." American Journal of Cardiology 128: 7-11.
137. Kolderman NC, Cheti DR, Hasbrook CD, Forsyth AJ, Coffey MP, **Nair GB**, and Al-Katib SA (2020). "Pneumothorax rate and diagnostic adequacy of computed tomography-guided lung nodule biopsies performed with 18 G versus 20 G needles: A cross-sectional study." Journal of Thoracic Imaging 35(4): 265-269.
138. Konde AS, Ivan K, Klavanian J, Rangarajan T, **Jaiyesimi IA**, and **Zakalik D** (2020). "Heterozygous germline ATM mutations in breast cancer: A single academic center experience." Journal of Clinical Oncology 38(15_suppl): 1537-1537.
139. Koneru H, Pattisapu A, and **Bozyk PD** (2020). "Tumor lysis syndrome," In R.C. Hyzy and J. McSparron (ed). Evidence-Based Critical Care: A Case Study Approach. Cham: Springer International Publishing. pp: 611-614.
140. Kotsopoulos J, Karlan B, Gronwald J, Hall E, Moller P, Tung N, **Zakalik D**, Foulkes WD, Rosen B, Neuhausen

- SL, Sun P, Lubinski J, and Narod SA (2020). "Long-term outcomes following a diagnosis of ovarian cancer at the time of preventive oophorectomy among BRCA1 and BRCA2 mutation carriers." International Journal of Gynecological Cancer 30(6): 825-830.
141. Kullar R, Marcelin JR, Swartz TH, Piggott DA, Macias Gil R, **Mathew TA**, and Tan T (2020). "Racial disparity of oronavirus disease 2019 (COVID-19) in African American communities." Journal of Infectious Diseases 222(6): 890-893.
142. Langnas E, Mustafa S, Vira A, and **Bilolifar A** (2020). "Rapidly progressing purulent pericarditis caused by Neisseria meningitides infection." Chest 158(4): A475.
143. Lau WC, Shannon FL, **Hanzel GS, Safian RD, Abbas AE**, Sakwa MP, Chen NW, **Almany SL, Hanson ID**, and Fayne RJ (2020). "Transfemoral transcatheter aortic valve replacement using fascia iliaca block as an alternative approach to conscious sedation as compared to general anesthesia." Cardiovascular Revascularization Medicine 21(5): 594-601.
144. Lee SE, Sung JM, Andreini D, Al-Mallah MH, Budoff MJ, Cademartiri F, **Chinnaiyan K**, Choi JH, Chun EJ, Conte E, Gottlieb I, Hadamitzky M, Kim YJ, Lee BK, Leipsic JA, Maffei E, Marques H, de Araújo Gonçalves P, Pontone G, **Raff GL**, Shin S, Stone PH, Samady H, Virmani R, Narula J, Berman DS, Shaw LJ, Bax JJ, Lin FY, Min JK, and Chang HJ (2020). "Differences in progression to obstructive lesions per high-risk plaque features and plaque volumes with CCTA." JACC Cardiovascular Imaging 13(6): 1409-1417.
145. Lee SE, Sung JM, Andreini D, Al-Mallah MH, Budoff MJ, Cademartiri F, **Chinnaiyan K**, Choi JH, Chun EJ, Conte E, Gottlieb I, Hadamitzky M, Kim YJ, Lee BK, Leipsic JA, Maffei E, Marques H, de Araújo Gonçalves P, Pontone G, Shin S, Stone PH, Samady H, Virmani R, Narula J, Berman DS, Shaw LJ, Bax JJ, Lin FY, Min JK, and Chang HJ (2020). "Per-lesion versus per-patient analysis of coronary artery disease in predicting the development of obstructive lesions: The Progression of Atherosclerotic Plaque Determined by Computed Tomographic Angiography Imaging (PARADIGM) study." International Journal of Cardiovascular Imaging 36(12): 2357-2364.
146. Lee SE, Sung JM, Andreini D, Al-Mallah MH, Budoff MJ, Cademartiri F, **Chinnaiyan K**, Choi JH, Chun EJ, Conte E, Gottlieb I, Hadamitzky M, Kim YJ, Lee BK, Leipsic JA, Maffei E, Marques H, Goncalves PD, Pontone G, Shin S, Stone PH, Samady H, Virmani R, Narula J, Berman DS, Shaw LJ, Bax JJ, Lin FY, Min JK, and Chang HJ (2020). "Sex differences in compositional plaque volume progression in patients with coronary artery disease." JACC: Cardiovascular Imaging 13(11): 2386-2396.
147. Leite GGS, Weitsman S, Parodi G, Celly S, Sedighi R, Sanchez M, Morales W, Villanueva-Millan MJ, Barlow GM, Mathur R, Lo SK, **Jamil LH**, Paski S, Rezaie A, and Pimentel M (2020). "Mapping the segmental microbiomes in the human small bowel in comparison with stool: A REIMAGINE Study." Digestive Diseases and Sciences 65(9): 2595-2604.
148. Lemor A, Basir MB, Patel K, Kolski B, Kaki A, Kapur N, Riley R, Finley J, Goldsweig A, Aronow HD, Belford PM, Tehrani B, Truesdell AG, Lasorda D, Bharadwaj A, **Hanson I**, LaLonde T, Gorgis S, O'Neill W, and Natl Cardiogenic Shock I (2020). "Multivessel versus culprit - Vessel percutaneous coronary intervention in cardiogenic shock." JACC: Cardiovascular Interventions 13(10): 1171-1178.
149. Lew D, Kashani A, Lo SK, and **Jamil LH** (2020). "Efficacy and safety of cap-assisted endoscopic mucosal resection of ileocecal valve polyps." Endoscopy International Open 8(3): e241-e246.
150. Lew D, **Jamil L**, Lo SK, and Rezaie A (2020). "Neck bulging during expiration: A new sign to diagnose Killian-Jamieson diverticulum." Official Journal of the American College of Gastroenterology. ePub Ahead of Print.
151. Lodise TP, Rosenkranz SL, Finnemeyer M, Evans S, **Sims M**, Zervos MJ, Creech CB, Patel PC, Keefer M, Riska P,

- Silveira FP, Scheetz M, Wunderink RG, Rodriguez M, Schrank J, Bleasdale SC, Schultz S, Barron M, Stapleton A, Wray D, Chambers H, Fowler VG, and Holland TL (2020). "The Emperor's New Clothes: PROspective Observational evaluation of the association between initial Vancomycin exposure and failure rates among adult hospitalized patients with methicillin-resistant staphylococcus aureus bloodstream infections (PROVIDE)." Clinical Infectious Diseases 70(8): 1536-1545.
152. Lodise TP, Van Wart S, Sund ZM, Bressler AM, Khan A, Makley AT, Hamad Y, Salata RA, Silveira FP, **Sims MD**, Kabchi BA, Saad MA, Brown C, Oler RE, Jr., Fowler V, Jr., and Wunderink RG (2020). "Pharmacokinetic and pharmacodynamic profiling of minocycline for injection following a single infusion in critically ill adults in a phase IV open-label multicenter study (ACUMIN)." Antimicrobial Agents and Chemotherapy. ePub Ahead of Print.
153. Macari DM, Gbadamosi B, **Jaiyesimi I**, and **Gaikazian S** (2020). "Medical cannabis in cancer patients: A survey of a community hematology oncology population." American Journal of Clinical Oncology 43(9): 636-639.
154. Macias Gil R, Marcelin JR, Zuniga-Blanco B, Marquez C, **Mathew T**, and Piggott DA (2020). "COVID-19 pandemic: Disparate health impact on the Hispanic/Latinx population in the United States." Journal of Infectious Diseases 22(10): 1592-1595.
155. Madder RD, **Dixon SR**, Seth M, Lee D, Earl T, Hill T, Shah I, and Gurm HS (2020). "Institutional variability in patient radiation doses ≥ 5 Gy during percutaneous coronary intervention." JACC: Cardiovascular Interventions 13(7): 846-856.
156. Malamet BJ and **Sims M** (2020). "Resistance in gram-negative bacteria in the pediatric patient population by age and sex." Open Forum Infectious Diseases 7(Suppl 1): S689-S689.
157. Mando R, Elmariah S, **Hanzel G**, Camacho A, Selberg A, Al-Azizi K, Kadri AN, Christensen J, Szerlip M, **Almany S**, Vivacqua A, Mack M, **Hanson I**, Shannon F, and **Abbas A** (2020). "Invasive versus echocardiographic gradients post valve-in-valve TAVR: A multicenter trial." Journal of the American College of Cardiology 76(17): B40-B41.
158. Mando R, **Hanzel GS**, Hite A, Arce PFS, **Gallagher M**, Lau W, Pibarot P, Shannon F, and **Abbas AE** (2020). "Invasive hemodynamic characterization of different flow-gradient aortic stenosis states." Journal of the American College of Cardiology 75(11): 1483-1483.
159. Mando R, **Hanzel GS**, Hite A, Sigua-Arce P, **Gallagher M**, Lau W, Pibarot P, Shannon F, and **Abbas AE** (2020). "Echocardiographic/catheterization discordance in low vs. high gradient and low vs. normal flow aortic stenosis." Journal of the American College of Cardiology 75(11): 1484-1484.
160. Mando R, Tim D, DeCicco A, **Trivax J**, and **Hanson I** (2020). "Master of the masquerade: An atypical presentation of acute aortic dissection." Case Reports in Cardiology 2020: 5743985.
161. McCullough PA and **Goldstein JA** (2020). "A novel strategy to prevent contrast nephropathy: "Continuous hemodiafiltration"." Catheterization and Cardiovascular Interventions 96(6): 1182-1183.
162. **Mehta NK**, Doerr K, Skipper A, Rojas-Pena E, **Dixon S**, and **Haines DE** (2020). "Current strategies to minimize postoperative hematoma formation in patients undergoing cardiac implantable electronic device implantation: A review." Heart Rhythm. ePub Ahead of Print.
163. Mehta A, Kondamudi N, Laukkanen JA, Wisloff U, **Franklin BA**, Arena R, Lavie CJ, and Pandey A (2020). "Running away from cardiovascular disease at the right speed: The impact of aerobic physical activity and cardiorespiratory fitness on cardiovascular disease risk and associated subclinical phenotypes." Progress in

Cardiovascular Disease 63(6): 762-774.

164. Meka SG, Mohr M, **Nair GB**, and Salman BA (2020). "Autoimmune pulmonary alveolar proteinosis mimicking mycoplasma pneumonia in an adolescent." Respiratory Medicine Case Reports 30: 101100.
165. Miller W, Ziegler K, Graham S, **Maddens M**, and **Sims M** (2020). "Association of metabolomic biomarkers with sleeve gastrectomy weight loss outcomes." Obesity Research Journal 28: 43.
166. Mittal C, Diehl DL, Draganov PV, **Jamil LH**, Khalid A, Khara HS, Khullar V, Law R, Lo SK, Mathew A, Mirakhor E, Sedarat A, Sharma N, Sharzei S, Tavakkoli A, Thaker A, Thosani N, Yang D, Zelt C, and Wagh MS (2020). "Practice patterns, techniques, and outcomes of flexible endoscopic myotomy for Zenker's diverticulum: A retrospective multicenter study." Endoscopy. ePub Ahead of Print.
167. Mustafa S, Armstrong J, Chapman J, Khaled Z, and **Marijanovich N** (2020). "Pericardial fat necrosis: A rare cause of ACUTE chest pain." Journal of the American College of Cardiology 75(11): 2526-2526.
168. Mustafa S, Balla AK, Chapman J, and **Halalau A** (2020). "Acute aortic dissection presenting with transient paraplegia." Journal of the American College of Cardiology 75(11): 2593-2593.
169. Mustafa S, Zafar M, Langnas E, Shahbaz A, Vira A, and **Hanson I** (2020). "Effect of sympathetic renal denervation on heart failure with reduced ejection fraction: A systematic review and meta-analysis." Journal of the American College of Cardiology 76(17): B181-B181.
170. **Nair G** and Niederman MS (2020). "Community-acquired pneumonia," In J. Vincent (ed). Textbook of Critical Care. Philadelphia: Elsevier. pp: 464-476.
171. **Nair GB**, Al-Katib S, Castillo E (2020). "Pulmonary blood mass and quantitative lung function imaging in idiopathic pulmonary fibrosis." Radiology: Cardiothoracic Imaging 2(3): e200003.
172. **Nair GB**, Castillo E, Myzuik N, Grills I, Stevens C, and Guerrero T (2020). "Differential ventilation pattern on novel functional imaging in a patient with unilateral bronchial obstruction caused by adenoid cystic carcinoma." American Journal of Respiratory & Critical Care Medicine 201(3): e6-e7.
173. **Nair GB**, Galban CJ, Al-Katib S, Podolsky R, van den Berge M, Stevens C, and Castillo E (2020). "An assessment of the correlation between robust CT-derived ventilation and pulmonary function test in a cohort with no respiratory symptoms." British Journal of Radiology: 20201218.
174. **Nair GB** and Niederman MS (2020). "Updates on community acquired pneumonia management in the ICU." Pharmacology & Therapeutics. ePub Ahead of Print.
175. **Nair GB**, Al-Katib S, Turner-Lawrence D, Khasawneh M, Myziuk N, Guerrero T, Podolsky R, and Castillo E (2020). "A prospective study to validate pulmonary blood mass changes on non-contrast 4DCT in pulmonary embolism patients." Clinical Imaging. ePub Ahead of Print.
176. Naveed M, **Jamil LH**, Fujii-Lau LL, Al-Haddad M, Buxbaum JL, Fishman DS, Jue TL, Law JK, Lee JK, Qumseya BJ, Sawhney MS, Thosani N, Storm AC, Calderwood AH, Khashab MA, and Wani SB (2020). "American Society for Gastrointestinal Endoscopy guideline on the role of endoscopy in the management of acute colonic pseudo-obstruction and colonic volvulus." Gastrointestinal Endoscopy. ePub ahead of Print.
177. Nikolin S, Alonzo A, Martin D, Gálvez V, Buten S, Taylor R, **Goldstein J**, Oxley C, Hadzi-Pavlovic D, and Loo CK (2020). "Transcranial random noise stimulation for the acute treatment of depression: A randomized controlled trial." International Journal of Neuropsychopharmacology 23(3): 146-156.

178. Nous F, Budde RPJ, Fairbairn TA, Akasaka T, Norgaard BL, Berman DS, **Raff G**, Hurwitz-Koweek LM, Pontone G, Kawasaki T, Sand NPR, Jensen JM, Amano T, Poon M, Ovrehus KA, Sonck J, Rabbat MG, Mullen S, De Bruyne B, Rogers C, Matsuo H, Bax JJ, Leipsic J, Patel MR, and Nieman K (2020). "Temporal changes in FFRCT-guided management of coronary artery disease - Lessons from the ADVANCE Registry." Journal of Cardiovascular Computed Tomography. ePub Ahead of Print.
179. O'Connell T, Triska J, George J, **Safian RD**, and **Chinnaiyan K** (2020). "Coronary CTA and CT-derived fractional flow reserve: Gatekeepers to invasive angiography in patients with high pre-test probability of coronary artery disease." Journal of the American College of Cardiology 75(11): 1634-1634.
180. O'Connell TF, Bradley CJ, **Abbas AE**, **Williamson BD**, Rusia A, Tawney AM, Gaines R, Schott J, Dmitrienko A, and **Haines DE** (2020). "Hydroxychloroquine/Azithromycin therapy and QT prolongation in hospitalized patients with COVID-19." JACC. Clinical Electrophysiology 7(1): 16-25.
181. Park K, Lew D, Chapman C, Wachsman A, Bloom M, Bancila L, Perry R, Wang Q, **Jamil L**, Pandol S, and Lo SM (2020). "Feasibility and safety study of 22-gauge endoscopic ultrasound (EUS) needles for portal vein sampling in a swine model." Endoscopy International Open 8(11): E1717-E1724.
182. **Patel A**, Grafton G, Tita C, Hannawi B, Selektor Y, Chamogeorgakis T, Apostolou D, Lanfear DE, Williams CT, Nemeh HW, and Cowger JA (2020). "Survival and predictors of mortality in patients undergoing RVAD explant in IMACS." Journal of Heart and Lung Transplantation 39(4): S25-S26.
183. Patel MR, Nørgaard BL, Fairbairn TA, Nieman K, Akasaka T, Berman DS, **Raff GL**, Hurwitz Koweek LM, Pontone G, Kawasaki T, Sand NPR, Jensen JM, Amano T, Poon M, Øvrehus KA, Sonck J, Rabbat MG, Mullen S, De Bruyne B, Rogers C, Matsuo H, Bax JJ, and Leipsic J (2020). "1-year impact on medical practice and clinical outcomes of FFR(CT): The ADVANCE Registry." JACC Cardiovascular Imaging 13(1 Pt 1): 97-105.
184. Pathangey G, **Hanzel GS**, Shannon F, **Hanson I**, Lau W, **Almany S**, **Safian RD**, Kerner N, **Gallagher M**, Vivacqua A, and **Abbas AE** (2020). "Left ventricular diastolic function improvement one year after transcatheter aortic valve replacement for severe aortic stenosis." Journal of the American College of Cardiology 75(11): 1256.
185. Pathangey G, Fadadu PP, Hospodar AR, and **Abbas AE** (2020). "Angiotensin-converting enzyme 2 and COVID-19: Patients, comorbidities, and therapies." American Journal of Physiology-Lung Cellular and Molecular Physiology 320(3): L301-L330.
186. Peterson EL, **Chittick PJ**, and Richardson CL (2020). "Decreasing voriconazole requirement in a patient after extracorporeal membrane oxygenation discontinuation: A case report." Transplant Infectious Disease. ePub Ahead of Print.
187. Peterson E, Fergus J, Yost C, Qu L, and **Chittick PJ** (2020). "The effect of a multimodal stewardship approach on antibiotic prescribing for outpatients with acute respiratory tract infections: Order set implementation and education." Journal of the American College of Clinical Pharmacy 3(7): 1319-1325.
188. Pickens C, Wunderink RG, Qi C, Mopuru H, Donnelly H, Powell K, and **Sims MD** (2020). "A multiplex polymerase chain reaction assay for antibiotic stewardship in suspected pneumonia." Diagnostic Microbiology and Infectious Disease 98(4): 115179.
189. Rasmussen C, **Nair G**, and Al-Katib S (2020). "A case of vaping-associated acute lung injury." Clinical Pulmonary Medicine 27(3): 79-82.
190. Riebe D, Baggish AL, **Franklin BA**, Jaworski CA, and Thompson PD (2020). "The new ACSM recommendations for preventing cardiovascular events at fitness facilities." ACSM's Health and Fitness Journal 24(6): 10-17.

191. Rusia A, **Bowers T**, and **Hanson I** (2020). "Single percutaneous axillary access for impella insertion and PCI in a patient with acute myocardial infarction and cardiogenic shock complicating aorto-bifemoral bypass surgery." Journal of the American College of Cardiology 75(11): 2986-2986.
192. Sachedina AK, **Ajluni SC**, and Jumean MF (2020). "The use of a sentinel cerebral protection system during Impella CP removal in a patient with left ventricular thrombus." Catheter Cardiovascular Interventions 96(2): 504-506.
193. **Safian RD** (2020). "Invasive fractional flow reserve: Which technology is best?" Catheterization and Cardiovascular Interventions 95(6): 1102-1103.
194. **Safian RD** (2020). "RESPONSE: Incremental mental toughness training." Journal of the American College of Cardiology 76(16): 1908-1909.
195. Sahu KK, Jindal V, **Anderson J**, Siddiqui AD, and **Jaiyesimi IA** (2020). "Current perspectives on diagnostic assays and anti-PF4 antibodies for the diagnosis of heparin-Induced thrombocytopenia." Journal of Blood Medicine 11: 267-277.
196. **Said A**, Keeney S, Matka M, Hafeez A, George J, and **Halalau A** (2020). "Concomitant use of direct oral anticoagulants and aspirin versus direct oral anticoagulants alone in atrial fibrillation and flutter: A retrospective cohort." BMC Cardiovascular Disorders 20(1): 263.
197. **Said A**, **Kraft P**, and Sayed L (2020). "Delayed yet successful mechanical thrombectomy for phlegmasia cerulea dolens in a limb with severe arterial disease and May-Thurner Syndrome." Case Reports in Vascular Medicine. ePub Ahead of Print.
198. **Said A**, Sahlieh A, and Sayed L (2020). "A comparative analysis of the efficacy and safety of therapeutic interventions in phlegmasia cerulea dolens." Phlebology. ePub Ahead of Print.
199. **Said A** and Sayed L (2020). "Percutaneous thrombectomy of Impella-associated iliac artery thrombosis using the FlowTrieve system." Clinical Case Reports 8(12): 2645-2649.
200. Schott JP, Mertens AN, Bloomingdale R, O'Connell TF, **Gallagher MJ**, **Dixon S**, and **Abbas AE** (2020). "Transthoracic echocardiographic findings in patients admitted with SARS-CoV-2 infection." Echocardiography 37(10): 1551-1556.
201. **Sims MD**, Maine GN, Childers KL, Podolsky RH, Voss DR, Berkiw-Scenna N, Oh J, Heinrich KE, Keil H, Kennedy RH, and Homayouni R (2020). "COVID-19 seropositivity and asymptomatic rates in healthcare workers are associated with job function and masking." Clinical Infectious Diseases. ePub Ahead of Print.
202. Soud M, SayedAhmad Z, Kajy M, Alahdab F, Darmoch F, Al-Khadra Y, Pacha HM, Sattar Y, Ullah W, King F, Saad AB, Alhatemi G, Hakim Z, Ali OA, **Glazier JJ**, and Alraies MC (2020). "The efficacy and safety of transradial and transfemoral approach in treatment of coronary chronic total occlusion: A systematic review and meta-analysis." Expert Review of Cardiovascular Therapy 18(11): 809-817.
203. Šoupal J, Petruželkov L, **Grunberger G**, Haskova A, Flekač M, Matoulek M, Mikeš O, Pelcl T, Škrha J, Jr., Horov E, Škrha J, Parkin CG, Svačina S, and Prazný M (2020). "Glycemic outcomes in adults with T1D are impacted more by continuous glucose monitoring than by insulin delivery method: 3 years of follow-up from the comisair study." Diabetes Care 43(1): 37-43.
204. Strálin K, Rothman RE, Özenci V, Barkataki K, Brealey D, Dhiman N, Poling L, Kurz MC, Limaye AP, LoVecchio F, Lowery K, Miller LG, Moran GJ, Scott Overcash J, Parekh A, Frank Peacock W, Rivers EP, **Sims M**, Stubbs

- AM, Sundqvist M, Ullberg M, and Carroll KC (2020). "Performance of PCR/electrospray ionization-mass spectrometry on whole blood for detection of bloodstream microorganisms in patients with suspected sepsis." Journal of Clinical Microbiology 58(9): e01860-19.
205. Tan TQ, Kullar R, Swartz TH, **Mathew TA**, Piggott DA, and Berthaud V (2020). "Location matters: Geographic disparities and impact of Coronavirus Disease 2019 (COVID-19)." Journal of Infectious Diseases 12(15): 1951-1954.
206. Taylor TAH, Baxa D, and **Sims M** (2020). Learning Microbiology and Infectious Diseases: Clinical Case Prep for the USMLE. Thieme Medical Publishers, Inc.
207. Ternacle J, Pibarot P, Herrmann H, Kodali S, Leipsic J, Blanke P, Jaber W, Mack M, Clavel MA, Salaun E, Bernier M, Beaudoin J, Khalique O, Weissman N, Douglas P, Bax J, Dahou A, Xu K, Alu M, Rogers E, Leon M, Thourani V, **Abbas A**, and Hahn R (2020). "Incidence and impact of prosthesis-patient mismatch after aortic valve replacement in the PARTNER 2 trial and registry." Journal of the American College of Cardiology 76(17): B202-B203.
208. Ternacle J, Guimaraes L, Vincent F, Côté N, Côté M, Lachance D, Clavel MA, **Abbas AE**, Pibarot P, and Rodés-Cabau J (2020). "Reclassification of prosthesis-patient mismatch after transcatheter aortic valve replacement using predicted vs. measured indexed effective orifice area." European Heart Journal Cardiovascular Imaging 22(1): 11-20.
209. Thokala P, Dodd P, Baalbaki H, Brennan A, **Dixon S**, and Lowrie K (2020). "Developing Markov models from real-world data: A case study of heart failure modeling using administrative data." Value in Health 23(6): 743-750.
210. Thompson PD, Baggish AL, **Franklin B**, Jaworski C, and Riebe D (2020). "American College of Sports Medicine expert consensus statement to update recommendations for screening, staffing, and emergency policies to prevent cardiovascular events at health fitness facilities." Current Sports Medicine Reports 19(6): 223-231.
211. Tice JA, **Halalau A**, and Burke H (2020). "Vitamin D does not prevent cancer or cardiovascular disease: The VITAL trial " Journal of General Internal Medicine. ePub Ahead of Print.
212. **Topf JM** (2020). "Introduction: Social media and medical education come of age." Seminars in Nephrology 40(3): 247-248.
213. Tram J, Pressman A, Chen NW, Berger DA, Miller J, Welch RD, Reynolds JC, Pribble J, **Hanson I**, and Swor R (2020). "Percutaneous mechanical circulatory support and survival in patients resuscitated from Out of Hospital cardiac arrest: A study from the CARES surveillance group." Resuscitation 158: 122-129.
214. Tung NM, Boughey JC, Pierce LJ, Robson ME, Bedrosian I, Dietz JR, Dragun A, Gelpi JB, Hofstatter EW, Isaacs CJ, Jatoi I, Kennedy E, Litton JK, Mayr NA, Qamar RD, Trombetta MG, Harvey BE, Somerfield MR, and **Zakalik D** (2020). "Management of hereditary breast cancer: American Society of Clinical Oncology, American Society for Radiation Oncology, and Society of Surgical Oncology guideline." Journal of Clinical Oncology 38(18): 2080-2106.
215. Ullah W, Sattar Y, Darmoch F, Al-Khadra Y, Mir T, Ajmal R, Moussa-Pacha H, **Glazier J**, Asfour A, Gardi D, and Alraies MC (2020). "The impact of peripheral arterial disease on patients with mechanical circulatory support." IJC Heart & Vasculature 28: 100509.
216. van den Hoogen IJ, van Rosendael AR, Lin FY, Lu Y, Dimitriu-Leen AC, Smit JM, Scholte A, Achenbach S, Al-Mallah MH, Andreini D, Berman DS, Budoff MJ, Cademartiri F, Callister TQ, Chang HJ, **Chinnaiyan K**, Chow

- BJW, Cury RC, DeLago A, Feuchtner G, Hadamitzky M, Hausleiter J, Kaufmann PA, Kim YJ, Leipsic JA, Maffei E, Marques H, de Araújo Gonçalves P, Pontone G, **Raff GL**, Rubinshtein R, Villines TC, Gransar H, Jones EC, Peña JM, Shaw LJ, Min JK, and Bax JJ (2020). "Coronary atherosclerosis scoring with semiquantitative CCTA risk scores for prediction of major adverse cardiac events: Propensity score-based analysis of diabetic and non-diabetic patients." *Journal of Cardiovascular Computed Tomography* 14(3): 251-257.
217. van Rosendael AR, Bax AM, Smit JM, van den Hoogen IJ, Ma X, Al'Aref S, Achenbach S, Al-Mallah MH, Andreini D, Berman DS, Budoff MJ, Cademartiri F, Callister TQ, Chang HJ, **Chinnaiyan K**, Chow BJW, Cury RC, DeLago A, Feuchtner G, Hadamitzky M, Hausleiter J, Kaufmann PA, Kim YJ, Leipsic JA, Maffei E, Marques H, de Araujo Goncalves P, Pontone G, **Raff GL**, Rubinshtein R, Villines TC, Gransar H, Lu Y, Pena JM, Lin FY, Shaw LJ, Min JK, and Bax JJ (2020). "Clinical risk factors and atherosclerotic plaque extent to define risk for major events in patients without obstructive coronary artery disease: The long-term coronary computed tomography angiography CONFIRM registry." *European Heart Journal Cardiovascular Imaging* 21(5): 479-488.
218. van Rosendael AR, Lin FY, Ma X, van den Hoogen IJ, Gianni U, Al Hussein O, Al'Aref SJ, Peña JM, Andreini D, Al-Mallah MH, Budoff MJ, Cademartiri F, **Chinnaiyan K**, Choi JH, Conte E, Marques H, de Araújo Gonçalves P, Gottlieb I, Hadamitzky M, Leipsic JA, Maffei E, Pontone G, **Raff GL**, Shin S, Kim YJ, Lee BK, Chun EJ, Sung JM, Lee SE, Berman DS, Virmani R, Samady H, Stone PH, Narula J, Bax JJ, Shaw LJ, Min JK, and Chang HJ (2020). "Percent atheroma volume: Optimal variable to report whole-heart atherosclerotic plaque burden with coronary CTA, the PARADIGM study." *Journal of Cardiovascular Computed Tomography* 14(5): 400-406.
219. Van Rosendael AR, Narula J, Lin FY, Van Den Hoogen IJ, Gianni U, Al Hussein Alawamh O, Dunham PC, Penã JM, Lee SE, Andreini D, Cademartiri F, **Chinnaiyan K**, Chow BJW, Conte E, Cury RC, Feuchtner G, Hadamitzky M, Kim YJ, Leipsic J, Maffei E, Marques H, De Araújo Gonçalves P, Plank F, Pontone G, **Raff GL**, Villines TC, Weirich HG, Al'Aref SJ, Baskaran L, Cho I, Danad I, Han D, Heo R, Lee JH, Rivzi A, Stuijzand WJ, Gransar H, Lu Y, Sung JM, Park HB, Samady H, Stone PH, Virmani R, Budoff MJ, Berman DS, Chang HJ, Bax JJ, Min JK, and Shaw LJ (2020). "Association of high-density calcified 1K plaque with risk of acute coronary syndrome." *JAMA Cardiology* 5(3): 282-290.
220. Vivacqua A, Robinson J, **Abbas AE**, Altshuler JM, Shannon FL, Podolsky RH, and Sakwa MP (2020). "Single-dose cardioplegia protects myocardium as well as traditional repetitive dosing: A noninferiority randomized study." *Journal of Thoracic and Cardiovascular Surgery* 159(5): 1857-+.
221. Weber DJ, Talbot TR, Weinmann A, **Mathew T**, Heil E, Stenehjem E, Duncan R, Gross A, Stinchfield P, Baliga C, Wagner J, Schaffner W, Echevarria K, and Drees M (2020). "Policy statement from the Society for Healthcare Epidemiology of America (SHEA): Only medical contraindications should be accepted as a reason for not receiving all routine immunizations as recommended by the Centers for Disease Control and Prevention." *Infection Control and Hospital Epidemiology*. ePub Ahead of Print.
222. Weir-McCall JR, Branch K, Ferencik M, Blankstein R, Choi AD, Ghoshhajra BB, **Chinnaiyan K**, Parwani P, Nicol E, and Nieman K (2020). "Highlights of the 15th annual scientific meeting of the Society of Cardiovascular Computed Tomography." *Journal of Cardiovascular Computed Tomography* 14(6): 466-470.
223. Willis BL, Radford NB, Barlow CE, Leonard D, **Franklin BA**, and DeFina LF (2020). "Divergent association of high levels of physical activity with cardiac versus noncardiac arterial calcification." *American Heart Journal* ePub Ahead of Print.
224. Wilson GD, Wilson TG, Hanna A, Fontanesi G, Kulchycki J, Buelow K, Pruetz BL, Michael DB, **Chinnaiyan P**, **Maddens ME**, Martinez AA, and Fontanesi J (2020). "Low dose brain irradiation reduces amyloid- β and Tau in 3xTg-AD mice." *Journal of Alzheimer's Disease* 75(1): 15-21.
225. Yamamoto MH, Maehara A, Stone GW, Kini AS, Brilakis ES, Rizik DG, Shunk K, Powers ER, Tobis JM, Maini BS,

- Dixon SR, Goldstein JA**, Petersen JL, Genereux P, Shah PR, Crowley A, Nicholls SJ, Mintz GS, Muller JE, and Weisz G (2020). "2-Year outcomes after stenting of lipid-rich and nonrich coronary plaques." Journal of the American College of Cardiology 75(12): 1371-1382.
226. Yang J, Gurudu SR, Koptiuch C, Agrawal D, Buxbaum JL, Fehmi SMA, Fishman DS, Khashab MA, **Jamil LH**, Jue TL, Law JK, Lee JK, Naveed M, Qumseya BJ, Sawhney MS, Thosani N, Wani SB, Samadder NJ, and Comm ASP (2020). "American Society for Gastrointestinal Endoscopy guideline on the role of endoscopy in familial adenomatous polyposis syndromes." Gastrointestinal Endoscopy 91(5): 963-+.
227. Yilmaz A, Ugur Z, Bisgin H, Akyol S, Bahado-Singh R, Wilson G, **Imam K, Maddens ME**, and Graham SF (2020). "Targeted metabolic profiling of urine highlights a potential biomarker panel for the diagnosis of Alzheimer's Disease and mild cognitive impairment: A pilot study." Metabolites 10(9): 357.
228. Yilmaz A, Ugur Z, Ustun I, Akyol S, Bahado-Singh RO, **Maddens M**, Aasly JO, and Graham SF (2020). "Metabolic profiling of CSF from people suffering from sporadic and LRRK2 Parkinson's Disease: A pilot study." Cells 9(11): 2394.
229. Yilmaz A, Ustun I, Ugur Z, Akyol S, Hu WT, Fiandaca MS, Mapstone M, Federoff H, **Maddens M**, and Graham SF (2020). "A community-based study identifying metabolic biomarkers of mild cognitive impairment and Alzheimer's Disease using artificial intelligence and machine learning." Journal of Alzheimer's Disease 78(4): 1381-1392.
230. **Zakaria A**, Gill J, Nishi LM, Nadwodny J, and Pujalte GGA (2020). "Soccer player with unusual right shoulder and arm pain and swelling." Journal of Primary Health Care 12(2): 181-183.

1 Department of Medical Education

1. Al-Hadidi A, Lapkus M, **Karabon P**, Naseem A, Akay B, and Khandhar P (2020). "Success of respiratory rescue therapy in preventing reintubation in a pediatric intensive care unit." Critical Care Medicine 48(1): 153.
2. Balinski AM, **Karabon P**, Pathangey G, and Abbas AE (2020). "Transcatheter aortic valve replacement temporal trends: Procedural volume impact on length of stay and readmissions." Journal of the American College of Cardiology 75(11): 1268.
3. Fisher R, Bennett MJ, Paternoster R, **Karabon P**, Devlin W, and Swor R (2020). "Utility of abnormal head computed tomography in predicting outcome in out-of-hospital cardiac arrest victims." Therapeutic Hypothermia and Temperature Management. ePub Ahead of Print.
4. Halalau A, Imam Z, **Karabon P**, Mankuzhy N, Shaheen A, Tu J, and Carpenter C (2020). "External validation of a clinical risk score to predict hospital admission and in-hospital mortality in COVID-19 patients." Annals of Medicine 53(1): 78-86.
5. Jeon A, Trang A, Muczynski T, **Karabon P**, and Khandhar P (2020). "Questioning the FDA warning: Propofol use in the pediatric population." Critical Care Medicine 48(1): 594.
6. Lapkus M, Al-Hadidi A, **Karabon P**, Naseem A, Khandhar P, and Akay B (2020). "Impact of reintubation and use of respiratory rescue therapy in the pediatric intensive care unit." Critical Care Medicine 48(1): 162.
7. Lee DM, Berger DA, Wloszczyński PA, **Karabon P**, Qu L, and Burla MJ (2020). "Assessing the impact of resuscitation residents on the treatment of cardiopulmonary resuscitation patients." American Journal of Emergency Medicine 41: 46-50.

8. Lucia, VC and **Wedemeyer R**. "Evaluating effectiveness of faculty and near-peer delivered teaching and communication skills training." Medical Science Educator. ePub Ahead of Print.
9. Sebai M, **Karabon P**, Luan T, Sayee K, and Dekhne N (2020). "Gender differences and survival outcomes in breast cancer patients: Stage stratified propensity scoring analysis of the National Cancer Database." Annals of Surgical Oncology 27(SUPPL 1): S145-S146.
10. Sharrak A, Nguyen T, and **Karabon P** (2020). "Industry research payments to urologists: The first 5 years of open payments research data." Journal of Urology 204(3): 408-410.
11. Sharrak A, Yoskowitz R, **Karabon P**, and Lerchenfeldt S (2020). "Understanding opioid addiction in the Chaldean community: A brief report." Journal of Immigrant and Minority Health 23: 405-408.
12. Tariq T, **Karabon P**, Irfan FB, Sieloff EM, Patterson R, and Desai AP (2020). "National trends and outcomes of nonautoimmune hemolytic anemia in alcoholic liver disease: Analysis of the Nationwide Inpatient Sample." Journal of Clinical Gastroenterology 55(3): 258-262.
13. Travers B, Jones S, Bastani A, Opsommer M, Beydoun A, **Karabon P**, and Donaldson D (2020). "Assessing geriatric patients with head injury in the emergency department using the novel level III trauma protocol." American Journal of Emergency Medicine. ePub Ahead of Print.

Department of Neurology

1. Al Jumah M, Al Khathaami AM, **Kojan S**, Hussain M, Thomas H, and Steiner TJ (2020). "The prevalence of primary headache disorders in Saudi Arabia: A cross-sectional population-based study." Journal of Headache Pain 21(1): 11.
2. Arabi YM, Asiri AY, Assiri AM, Aziz Jokhdar HA, Allothman A, Balkhy HH, AlJohani S, Al Harbi S, **Kojan S**, Al Jeraisy M, Deeb AM, Memish ZA, Ghazal S, Al Faraj S, Al-Hameed F, AlSaedi A, Mandourah Y, Al Mekhlafi GA, Sherbeeni NM, Elzein FE, Almotairi A, Al Bshabshe A, Kharaba A, Jose J, Al Harthy A, Al Sulaiman M, Mady A, Fowler RA, Hayden FG, Al-Dawood A, Abdelzaher M, Bajhmom W, and Hussein MA (2020). "Treatment of Middle East respiratory syndrome with a combination of lopinavir/ritonavir and interferon-β1b (MIRACLE trial): Statistical analysis plan for a recursive two-stage group sequential randomized controlled trial." Trials 21(1): 8.
3. Bagić AI, Funke ME, Kirsch HE, Tenney JR, **Zillgitt AJ**, and Burgess RC (2020). "The 10 common evidence-supported indications for MEG in epilepsy surgery: An illustrated compendium." Journal of Clinical Neurophysiology 37(6): 483-497.
4. Bowyer SM, **Zillgitt A**, Greenwald M, and Lajiness-O'Neill R (2020). "Language mapping with magnetoencephalography: An update on the current state of clinical research and practice with considerations for clinical practice guidelines." Journal of Clinical Neurophysiology 37(6): 554-563.
5. Ghandour M, Hashim A, Yassin AS, A EL, Shereef H, Mohamed K, Elshekhdreis A, and **Singer D** (2020). "Progressive multifocal leukoencephalopathy secondary to adalimumab." American Journal of Therapeutics. ePub Ahead of Print.
6. **Grysiwicz R**, Klueh U, and **Menkes D** (2020). "Neurological complications of the COVID-19 pandemic: What is known, what has ensued, and what the pandemic portend?" Open Access Journal of Neurology 13: 63-67.

7. Meador KJ, Pennell PB, May RC, Van Marter L, McElrath TF, Brown C, Gerard E, Kalayjian L, Gedzelman E, Penovich P, Cavitt J, French J, Hwang S, Pack AM, Sam M, Birnbaum AK, Finnell R, and **Zillgitt A** (2020). "Fetal loss and malformations in the MONEAD study of pregnant women with epilepsy." Neurology 94(14): e1502-e1511.
8. Saban RJ, Berns MM, **Al-Hakim MM**, and Patino GA (2020). "Hydrocephalus as the presenting symptom of sarcoidosis: A case report and review of literature." Clinical Case Reports 8(2): 363-368.
9. Vakharia P, Xie M, and **Al-Hakim MM** (2020). "Facial nerve palsy after temporal artery biopsy." SKINmed 18(1): 54-55.
10. **Zillgitt A**, Barkley GL, and Bowyer SM (2020). "Visual mapping with magnetoencephalography: An update on the current state of clinical research and practice with considerations for clinical practice guidelines." Journal of Clinical Neurophysiology 37(6): 585-591.

Department of Neurosurgery

1. Chesnut R, Aguilera S, Buki A, Bulger E, Citerio G, Cooper DJ, Arrastia RD, Diringer M, Figaji A, Gao GY, Geocadin R, Ghajar J, Harris O, Hoffer A, Hutchinson P, Joseph M, Kitagawa R, Manley G, Mayer S, Menon DK, Meyfroidt G, **Michael DB**, Oddo M, Okonkwo D, Patel M, Robertson C, Rosenfeld JV, Rubiano AM, Sahuquillo J, Servadei F, Shutter L, Stein D, Stocchetti N, Taccone FS, Timmons S, Tsai E, Ullman JS, Vespa P, Videtta W, Wright DW, Zammit C, and Hawryluk GWJ (2020). "A management algorithm for adult patients with both brain oxygen and intracranial pressure monitoring: the Seattle International Severe Traumatic Brain Injury Consensus Conference (SIBICC)." Intensive Care Medicine 46(5): 919-929.
2. Goldman JJ, Huynh KA, Elfallal W, Chaiyasate K, and **Fahim DK** (2020). "Cervical spine and craniocervical junction reconstruction with a vascularized fibula free flap." World Neurosurgery 144: 34-38.
3. McKee C, Beeravolu N, Brown C, **Perez-Cruet M**, and Chaudhry GR (2020). "Mesenchymal stem cells transplanted with self-assembling scaffolds differentiated to regenerate nucleus pulposus in an ex vivo model of degenerative disc disease." Applied Materials Today 18: 100474.
4. Park P, Chang V, Yeh HH, Schwalb JM, Nerenz DR, Schultz LR, Abdulhak MM, Easton R, **Perez-Cruet M**, Kashlan ON, Oppenlander ME, Szerlip NJ, Swong KN, and Aleem IS (2020). "Impact of Michigan's new opioid prescribing laws on spine surgery patients: Analysis of the Michigan Spine Surgery Improvement Collaborative." Journal of Neurosurgery. ePub Ahead of Print.
5. Schafer E, Bazydlo M, Schultz L, Park P, Chang V, Easton RW, Schwalb J, Khalil J, **Perez-Cruet M**, Abdulhak M, Aleem I, and Investigators M (2020). "Rates and risk factors associated with 90-day readmission following cervical spine fusion surgery: analysis of the Michigan Spine Surgery Improvement Collaborative (MSSIC) registry." Spine Journal 20(5): 708-716.
6. Thomas AM, **Fahim DK**, and Gemechu JM (2020). "Anatomical variations of the recurrent laryngeal nerve and implications for injury prevention during surgical procedures of the neck." Diagnostics 10(9): 670.
7. Wilson GD, Mehta MP, Welsh JS, Chakravarti A, Rogers CL, and **Fontanesi J** (2020). "Investigating low-dose thoracic radiation as a treatment for COVID-19 patients to prevent respiratory failure." Radiation Research 194(1): 1-8.
8. Wilson GD, Wilson TG, Hanna A, Fontanesi G, Kulchycki J, Buelow K, Pruetz BL, **Michael DB**, Chinnaiyan P, Maddens ME, Martinez AA, and **Fontanesi J** (2020). "Low dose brain irradiation reduces amyloid- β and Tau

in 3xTg-AD mice." Journal of Alzheimer's Disease 75(1): 15-21.

Department of Obstetrics and Gynecology

1. Akyol S, **Yilmaz A**, Oh KJ, Ugur Z, Aydas B, McGuinness B, Passmore P, Kehoe PG, Maddens M, Green BD, and **Graham SF** (2020). "Evidence that the Kennedy and polyamine pathways are dysregulated in human brain in cases of dementia with Lewy bodies." Brain Research 1743: 146897.
2. **Alhousseini A**, Romero R, Benshalom-Tirosh N, Gudicha D, Pacora P, Tirosh D, Kabiri D, Yeo L, Thachil J, Hsu CD, Hassan SS, and Erez O (2020). "Nonovert disseminated intravascular coagulation (DIC) in pregnancy: A new scoring system for the identification of patients at risk for obstetrical hemorrhage requiring blood product transfusion." Journal of Maternal-Fetal & Neonatal Medicine. ePub Ahead of Print.
3. **Alhousseini A**, Vadillo-Ortega F, Palacios-Gonzalez B, Theis KR, Winters AD, Hassan SS, and Meraz-Cruz N (2020). "Differential secretion of inflammatory cytokines by human trophoblasts in the presence of escherichia coli, lactobacillus crispatus, and lactobacillus jensenii." Gynecologic Obstetric Investigation 85(3): 277-283.
4. Arden JD, Gruner MF, Vu CC, Marvin K, Ye H, Nandalur SR, **Al-Wahab Z**, Gadzinski J, Rakowski JA, **Field J**, **Rosen B**, and Jawad MS (2020). "Outcomes after salvage radiation therapy for recurrent endometrial cancer in patients with no prior adjuvant therapy: An institutional review." Advances in Radiation Oncology 5(6): 1240-1247.
5. Arden JD, Marvin K, Nandalur SR, **Al-Wahab Z**, **Field J**, Gadzinski J, Rakowski JA, **Rosen B**, and Jawad MS (2020). "Sequencing of adjuvant chemoradiation for advanced stage endometrial cancer: Outcomes and toxicity profiles." American Journal of Clinical Oncology 43(11): 755-761.
6. Arden JD, Marvin K, Ye H, Juratli L, Nandalur SR, **Al-Wahab Z**, **Field J**, Gadzinski J, Rakowski JA, **Rosen B**, and Jawad MS (2020). "Combined adjuvant chemotherapy and radiation therapy improves disease-free survival for uterine serous cancer." Advances in Radiation Oncology 5(6): 1232-1239.
7. **Bahado-Singh R**, Hassan SS, Szymanska M, and Sokol RJ (2020). "Starting a regional collaborative research group for COVID-19 in pregnancy: The Southern Michigan experience." Journal of Perinatal Medicine 48(9): 883-891.
8. **Bahado-Singh RO**, Turkoglu O, **Yilmaz A**, Kumar P, Zeb A, Konda S, Sherman E, Kirma J, Allos M, Odibo A, Maulik D, and **Graham SF** (2020). "Metabolomic identification of placental alterations in fetal growth restriction." Journal of Maternal-Fetal and Neonatal Medicine. ePub Ahead of Print.
9. **Bahado-Singh RO**, Vishweswaraiah S, Aydas B, **Yilmaz A**, Saiyed NM, Mishra NK, Guda C, and **Radhakrishna U** (2020). "Precision cardiovascular medicine: Artificial intelligence and epigenetics for the pathogenesis and prediction of coarctation in neonates." Journal of Maternal-Fetal & Neonatal Medicine. ePub Ahead of Print.
10. **Bahado-Singh RO**, Vishweswaraiah S, Er A, Aydas B, Turkoglu O, Taskin BD, Duman M, **Yilmaz D**, and **Radhakrishna U** (2020). "Artificial Intelligence and the detection of pediatric concussion using epigenomic analysis." Brain Research 1726: 146510.
11. Damiani G, Grossi E, Berti E, Conic RRZ, **Radhakrishna U**, Pacifico A, Bragazzi NL, Piccinno R, and Linder D (2020). "Artificial neural networks allow response prediction in squamous cell carcinoma of the scalp treated

- with radiotherapy." Journal of the European Academy of Dermatology and Venereology 34(6): 1369-1373.
12. Friedman P, **Yilmaz A**, Ugur Z, Jafar F, **Whitten A**, Turkoglu O, **Graham S**, and **Bahado-Singh R** (2020). "Maternal urine metabolomics and the prediction of fetal non-syndromic congenital heart defect (CHD)." American Journal of Obstetrics and Gynecology 222(1): S79-S79.
 13. **Graham SF**, Turkoglu O, **Yilmaz A**, Ustun I, Ugur Z, Bjorndhal T, Han BS, Mandal R, Wishart D, and **Bahado-Singh RO** (2020). "Targeted metabolomics highlights perturbed metabolism in the brain of autism spectrum disorder sufferers." Metabolomics 16(5): 59.
 14. Kant S, Kesarwani P, Guastella AR, Kumar P, **Graham SF**, Buelow KL, Nakano I, and **Chinnaiyan P** (2020). "Perhexiline demonstrates FYN-mediated antitumor activity in glioblastoma." Molecular Cancer Therapeutics 19(7): 1415-1422.
 15. Kant S, Kesarwani P, **Prabhu A**, **Graham SF**, Buelow KL, Nakano I, and Chinnaiyan P (2020). "Enhanced fatty acid oxidation provides glioblastoma cells metabolic plasticity to accommodate to its dynamic nutrient microenvironment." Cell Death & Disease 11(4): 253.
 16. Kim SK, Idler J, Turkoglu O, Talbot C, Friedman P, **Whitten A**, and Bronsteen R (2020). "Increased risk of spontaneous miscarriage in angular pregnancy diagnosed by first trimester ultrasound." American Journal of Obstetrics & Gynecology 222(1): S366-S367.
 17. Kim SR, Kotsopoulos J, Sun P, Bernardini MQ, Laframboise S, Ferguson SE, **Rosen B**, Narod SA, and May T (2020). "The impacts of neoadjuvant chemotherapy and of cytoreductive surgery on 10-year survival from advanced ovarian cancer." International Journal of Gynecology & Obstetrics. ePub Ahead of Print.
 18. Kotsopoulos J, Karlan B, Gronwald J, Hall E, Moller P, Tung N, Zakalik D, Foulkes WD, **Rosen B**, Neuhausen SL, Sun P, Lubinski J, and Narod SA (2020). "Long-term outcomes following a diagnosis of ovarian cancer at the time of preventive oophorectomy among BRCA1 and BRCA2 mutation carriers." International Journal of Gynecological Cancer 30(6): 825-830.
 19. Kountanis J, Vahabzadeh C, **Bauer S**, Muzik M, Cassidy R, Aman C, MacEachern M, and Bauer M (2020). "Labor epidural analgesia and the risk of postpartum depression: A meta-analysis of observational studies." Journal of Clinical Anesthesia 61: 109658.
 20. Lalwani AM, **Yilmaz A**, Bisgin H, Ugur Z, Akyol S, and **Graham SF** (2020). "The biochemical profile of post-mortem brain from people who suffered from epilepsy reveals novel insights into the etiopathogenesis of the disease." Metabolites. 10(6): 261.
 21. Miller W, Ziegler K, **Graham S**, Maddens M, and Sims M (2020). "Association of metabolomic biomarkers with sleeve gastrectomy weight loss outcomes." Obesity Research Journal 28: 43.
 22. Peter IM, Deraney RN, Orango O, Philip T, **Rosen B**, Cu-Uvin S, and Cu-Uvin S (2020). "Radical hysterectomy for operable early cervical cancer in HIV-positive and HIV-negative women in western Kenya." International Journal of Gynecology & Obstetrics 148(3): 403-404.
 23. **Radhakrishna U**, **Singh RB**, Taylor RW, Vishweswaraiha S, Aydas B, Szymanska M, **Wharton K**, and **Yilmaz A** (2020). "Artificial Intelligence accurately predicts outcomes in preterm PROM." American Journal of Obstetrics and Gynecology 222(1): S393-S394.
 24. Savasan Z, Kim SK, Oh KJ, and **Graham SF** (2020). "Advances in cerebral palsy biomarkers." Advances in Clinical Chemistry. ePub Ahead of Print.

25. Vishweswaraiah S, Mishra NK, Guda C, **Radhakrishna U**, and **Bahado-Singh R** (2020). "Placental DNA methylation changes in detection of tetralogy of Fallot." Ultrasound in Obstetrics & Gynecology 55(6): 768-775.
26. Vishweswaraiah S, **Bahado-Singh R**, Talbot C, Aydas B, Southehal S, Mishra NK, Friedman P, **Yilmaz A**, Guda C, and **Radhakrishna U** (2020). "Artificial intelligence and epigenomic analysis of cell-free fetal DNA for Congenital Heart Defect (CHD) detection." American Journal of Obstetrics and Gynecology 222(1): S392-S393.
27. Vishweswaraiah S, Swierkowska J, Ratnamala U, Mishra NK, Guda C, Chettiar SS, Johar KR, Mrugacz M, Karolak JA, Gajecka M, and **Radhakrishna U** (2019). "Epigenetically dysregulated genes and pathways implicated in the pathogenesis of non-syndromic high myopia." Scientific Reports 9(1): 4145.
28. **Yilmaz A**, Ugur Z, Bisgin H, Akyol S, **Bahado-Singh R**, Wilson G, Imam K, Maddens ME, and **Graham SF** (2020). "Targeted metabolic profiling of urine highlights a potential biomarker panel for the diagnosis of Alzheimer's Disease and mild cognitive impairment: A pilot study." Metabolites 10(9): 357.
29. **Yilmaz A**, Ugur Z, Ustun I, Akyol S, **Bahado-Singh RO**, Maddens M, Aasly JO, and **Graham SF** (2020). "Metabolic profiling of CSF from people suffering from sporadic and LRRK2 Parkinson's Disease: A pilot study." Cells 9(11): 2394.
30. **Yilmaz A**, Ustun I, Ugur Z, Akyol S, Hu WT, Fiandaca MS, Mapstone M, Federoff H, Maddens M, and **Graham SF** (2020). "A community-based study identifying metabolic biomarkers of mild cognitive impairment and Alzheimer's Disease using artificial intelligence and machine learning." Journal of Alzheimer's Disease 78(4): 1381-1392.

Department of Ophthalmology

1. Baker N, Chao JN, and **Pearce ZD** (2020). "Progressive eyelid swelling in a middle-aged man." JAMA Ophthalmology. ePub Ahead of Print.
2. Bakhsh SR, Reddy DN, Wa CA, Lee R, **Faia L**, and **Trese MT** (2020). "Suspected intrauterine injury causing abusive ocular trauma." Retinal Cases & Brief Reports. ePub Ahead of Print.
3. Carniciu AL, Jovanovic N, and **Kahana A** (2020). "Eyelid complications associated with surgery for periocular cutaneous malignancies." Facial Plastic Surgery 36(2): 166-175.
4. Chao J, Saleem S, Tausif HN, **Levasseur K**, and **Stec LA** (2020). "Internuclear ophthalmoplegia as the first manifestation of pediatric-onset multiple sclerosis and concurrent Lyme Disease." American Journal of Case Reports 21: e925220.
5. Chen P, Beaulieu R, and **Black E** (2020). "Aberrant regeneration of cranial nerve 3 following schwannoma resection." Ophthalmic Plastic & Reconstructive Surgery. ePub Ahead of Print.
6. Chuck RS, **Dunn SP**, Flaxel CJ, Gedde SJ, Mah FS, Miller KM, Wallace DK, and Musch DC (2020). "Comprehensive adult medical eye evaluation preferred practice pattern." Ophthalmology. ePub Ahead of Print.
7. Coleman AL, **Williams GA**, and Parke DW, II (2020). "Ophthalmology and rubber bullets." Ophthalmology 127(10): 1287-1288.

8. Cosgrove R, Rossow T, Cosgrove M, and **Siegel M** (2020). "Suspected systemic uptake of chlorpromazine after retrobulbar injection." *American Journal of Ophthalmology Case Reports* 19: 100801-100801.
9. **Cyrlin M** (2020). "Post-laser elevation of intraocular pressure," In M. Kahook and J. Shuman (ed). *Chandler and Grant's Glaucoma*. Thorofare, NJ: Slack, Inc. pp: 511-513.
10. Demirci H, Elnar VM, Demirci FY, Robinson DR, Chinnaiyan A, **Schlachter D**, Joseph S, and Worden F (2020). "Immunotherapy for conjunctival squamous cell carcinoma with orbital extension." *Ophthalmology*. ePub Ahead of Print.
11. Dong LK, Shields RA, Subramanian S, Lee R, Wa CA, **Ruby AJ**, and **Hassan TS** (2020). "Features and outcomes of eyes that underwent surgical repair of rhegmatogenous retinal detachments after being treated for acute endophthalmitis." *Retina*. ePub Ahead of Print.
12. **Folberg R** and Higginbotham EJ (2020). "Introduction to the ophthalmologists-in-training COVID-19 editorials." *American Journal of Ophthalmology* 220: A1-A1.
13. **Folberg R** (2020). "Wiping the mud from our eyes." *American Journal of Ophthalmology*. ePub Ahead of Print.
14. Ghiam BK, Wood EH, Thanos A, and **Randhawa S** (2020). "CRB1 related retinal degeneration with novel mutation." *American Journal of Ophthalmology Case Reports* 18: 100699.
15. Glasser DB, Parikh R, Lum F, and **Williams GA** (2020). "Intravitreal anti-vascular endothelial growth factor cost savings achievable with increased bevacizumab reimbursement and use." *Ophthalmology* 127(12): 1688-1692.
16. Govindaraju V, Shields R, and **Hassan TS** (2020). "Treatment interval of neovascular age-related macular degeneration before and after macular hole repair." *Investigative Ophthalmology & Visual Science* 61(7): 4199-4199.
17. Heier JS, Ho AC, Samuel MA, Chang T, Riemann CD, Kitchens JW, Slakter JS, Leiderman YI, Spencer R, **Williams GA**, Hickson-Curran SB, Keane M, Baldassarre JS, and Prelude Study G (2020). "Safety and efficacy of subretinally administered palucorcel for geographic atrophy of age-related macular degeneration: Phase 2b study." *Ophthalmology Retina* 4(4): 384-393.
18. Hsu J, Patel SN, **Wolfe JD**, Shah CP, Chen E, Jenkins TL, Wibbelsman TD, Obeid A, Mikhail M, Garg SJ, Ho AC, Chiang A, Spirn MJ, and Vander JF (2020). "Effect of adjuvant topical dorzolamide-timolol vs placebo in neovascular age-related macular degeneration: A randomized clinical trial." *JAMA Ophthalmology* 138(5): 560-567.
19. Joseph DP, Ryan EH, Ryan CM, Forbes NJK, Wagley S, Yonekawa Y, Mittra RA, Parke DW, Emerson GG, Shah GK, Blinder KJ, **Capone A**, **Williams GA**, Elliott D, Gupta OP, Hsu J, and Regillo CD (2020). "Primary retinal detachment outcomes study: Pseudophakic retinal detachment outcomes: Primary retinal detachment outcomes study report number 3." *Ophthalmology* 127(11): 1507-1514.
20. Koullis N, Moysidis SN, Govindaraju VK, Dersch AM, **Capone A, Jr.**, Covert DJ, Dadgostar H, Dass AB, **Drenser KA**, Engstrom RE, Jr., **Faia LJ**, **Garretson BR**, Guerami AH, Hanscom TA, **Mahmoud TH**, Margherio AR, Oh KT, **Randhawa S**, Raphaelian PV, Rhoades WR, **Ruby AJ**, Sanfilippo CJ, Sneed SR, **Trese MT**, **Wolfe JD**, **Williams GA**, Yedavally S, and **Hassan TS** (2020). "Clinical outcomes and treatment course of eyes with neovascular age-related macular degeneration following the development of endophthalmitis." *Retina*. ePub Ahead of Print.

21. Lee R, Govindaraju V, Farley ND, Abbey AM, Stem MS, Shields RA, Wa CA, **Williams GA, Faia LJ, Hassan TS, and Wolfe JD** (2020). "Refractive outcomes after sutureless intrascleral fixation of intraocular lens with pars plana vitrectomy." Retina. ePub Ahead of Print.
22. Lee I, Shields R, Brown M, and **Hassan TS** (2020). "When lightning strikes twice: Recurrent endophthalmitis." Investigative Ophthalmology & Visual Science 61(7): 2306-2306.
23. Liebmann JM, Barton K, Weinreb RN, Eichenbaum DA, Gupta PK, McCabe CM, **Wolfe JD**, Ahmed I, Sheybani A, and Craven ER (2020). "Evolving guidelines for intracameral injection." Journal of Glaucoma 29 Suppl 1: S1-S7.
24. Lu AQ, Prenskey JG, Baker PS, Scott IU, **Mahmoud TH**, and Todorich B (2020). "Update on medical and surgical management of submacular hemorrhage." Expert Review of Ophthalmology 15(1): 43-57.
25. Macor S, Pignatto S, **Capone A, Jr.**, Piermarocchi S, and Lanzetta P (2020). "Lens-sparing vitrectomy for stage 4A retinopathy of prematurity in infants with aggressive-posterior ROP: Anatomic and functional results." European Journal of Ophthalmology: 1120672120946938.
26. **Mahmoud TH** (2020). "Insight into long-term outcomes after macular hole surgery." Ophthalmology Retina 4(4): 377.
27. Marlow ED and **Mahmoud TH** (2020). "Current management strategies for atypical macular holes." Taiwan Journal of Ophthalmology. ePub Ahead of Print.
28. Marlow ED, **Faia LJ**, Wu D, Farley N, and **Randhawa S** (2020). "Paraneoplastic ocular sarcoidosis in the setting of recurrent rectal carcinoid tumor diagnosed by F(18)-fluorodeoxyglucose PET CT." American Journal of Ophthalmology Case Reports 20: 100887.
29. Marlow E and **Mahmoud TH** (2020). "Surgical interventions," In Clinical Nuclear Medicine Neuroimaging. Cham: Springer. pp: 343-361.
30. Mein C, Dugel PU, Feiner L, **Drenser K**, Miller D, Benz M, Meunier E, Moro L, and Fineman MS (2020). "Patient-reported visual function from the ocriplasmin for treatment for symptomatic vitreomacular adhesion, including macular hole (OASIS) study." Retina 40(7): 1331-1338.
31. Milman T, Eiger-Moscovish M, Henry R, **Folberg R**, Coupland S, Grossniklaus H, Mudhar H, Eberhart C, Heegaard S, Auw-Hadrich C, Herwig M, Loffler K, Cherepanoff S, Zhang Q, Sharpe J, See T, Shields C, and RD E (2020). "Validation of the newly proposed World Health Organization classification system for conjunctival melanocytic intraepithelial lesions: A comparison with the C-Min and PAM classification schemes." American Journal of Ophthalmology 223: 60-74.
32. Moysidis SN, Koulisis N, Adrean SD, Charles S, Chetty N, Chhablani JK, Cortes JC, Embabi SN, Gordon C, Gregori NZ, Habib A, Hamza H, Hassaan H, **Hassan TS**, Houghton O, Kadonosono K, Kusaka S, La Mantia A, Lai CC, Lumi X, Maeno T, Mahgoub MM, Mohamed El Baha S, Morales-Cantón V, Nowara M, Okonkwo ON, Parolini B, Rezende FA, Rogalinska I, Rojas S, Steel DH, Stopa M, Wu AL, Yamada K, Yamada M, and **Mahmoud TH** (2020). "Autologous retinal transplantation for primary and refractory macular holes and macular hole retinal detachments: The global consortium." Ophthalmology. ePub Ahead of Print.
33. Moysidis SN, Koulisis N, Rao P, Govindaraju VK, **Gamsky S, Mahmoud TH, Randhawa S, Faia LJ, Wolfe JD, Drenser KA, Ruby AJ**, Garretson BR, **Hassan TS, Williams GA, Trese MT, and Capone A, Jr.** (2020). "Peripheral retinal angiographic findings in macular telangiectasis type 2." Retina. ePub Ahead of Print.

34. Omari A and **Mahmoud TH** (2020). "Vitreotomy," StatPearls. Treasure Island (FL): StatPearls Publishing.
35. **Page TP, Sr.**, Werner L, Ellis N, and Heczko JB (2020). "Capsular tension ring explant complication rate comparison using Miyake-Apple video analysis." Journal of Cataract and Refractive Surgery. ePub Ahead of Print.
36. **Page TP** (2020). "Intraoperative wavefront aberrometry to determine planar endpoint for the repositioning of vaulted accommodative IOLs." Journal of Cataract & Refractive Surgery. ePub Ahead of Print.
37. **Page TP, Sr.**, Werner L, Ellis N, and Heczko JB (2020). "'S' means stop! Critical examination of capsular tension ring movements with Miyake-Apple video analysis." Journal of Cataract & Refractive Surgery. ePub Ahead of Print.
38. Patel SN, Starr MR, Obeid A, Ryan EH, Ryan C, Forbes NJ, Soares RR, Ammar M, Patel LG, **Capone A, Jr.**, Emerson GG, Joseph DP, Elliott D, Regillo CD, Gupta OP, Hsu J, and Yonekawa Y (2020). "Characteristics and surgical outcomes of rhegmatogenous retinal detachment in older adults: A multicenter comparative cohort study." Retina. ePub Ahead of Print.
39. Rao P, Lertjirachai I, Yonekawa Y, Hasbrook M, Thomas BJ, Wood EH, Mehta N, Mane G, **Drenser KA, Trese MT**, and **Capone A** (2020). "Etiology and clinical characteristics of macular edema in patients with familial exudative vitreoretinopathy." Retina 40(7): 1367-1373.
40. Rao P, Kaiser R, Lum F, Atchison E, Parke DW, 2nd, and **Williams GA** (2020). "Reoperation rates of patients undergoing primary noncomplex retinal detachment surgery in a cohort of the IRIS registry." American Journal of Ophthalmology. ePub Ahead of Print.
41. Rossi T, Bacherini D, Caporossi T, Telani S, Iannetta D, Rizzo S, Moysidis SN, Koullis N, **Mahmoud TH**, and Ripandelli G (2020). "Macular hole closure patterns: An updated classification." Graefes Archive for Clinical and Experimental Ophthalmology 258(12): 2629-2638.
42. Ryan EH, Ryan CM, Forbes NJ, Yonekawa Y, Wagley S, Mittra RA, Parke DW, Joseph DP, Emerson GG, Shah GK, Blinder KJ, **Capone A, Williams GA**, Elliott D, Gupta OP, Hsu J, and Regillo CD (2020). "Primary retinal detachment outcomes study report number 2: Phakic retinal detachment outcomes." Ophthalmology 127(8): 1077-1085.
43. Ryan EH, Joseph DP, Ryan CM, Forbes NJK, Yonekawa Y, Mittra RA, Parke DW, Ringeisen A, Emerson GG, Shah GK, Blinder KJ, **Capone A, Williams GA**, Elliott D, Gupta OP, Hsu J, and Regillo CD (2020). "Primary retinal detachment outcomes study: Methodology and overall outcomes-primary retinal detachment outcomes study report number 1." Ophthalmology Retina 4(8): 814-822.
44. Schwab IR and **Heidemann DG** (2020). "Hiding in plain sight: Banded jawfish (opisthognathus macrognathus)." Ophthalmology 127(7): 909.
45. Servat J, **Black EH, Nesi F**, and **Gladstone GJ** (2020). Smith and Nesi's Ophthalmic Plastic and Reconstructive Surgery. Springer International Publishing.
46. Shields RA, Lee IJ, Brown MM, Dong LK, Lee R, Wa CA, and **Hassan TS** (2020). "Clinical course and characteristics of eyes that developed recurrent episodes of endophthalmitis." Ophthalmology Retina. ePub Ahead of Print.
47. Shields RA, Oskala SR, Farley ND, and **Randhawa S** (2020). "Influenza-induced acute macular neuroretinopathy with cerebral involvement in a ten-year-old boy." Ophthalmic Surgery Lasers and Imaging Retina 51(5): 293-297.

48. Starr MR, Obeid A, Gao X, Ryan EH, Shah GK, Ryan C, Madhava ML, Maloney SM, Adika AZ, Peddada KV, Sioufi K, Ammar M, Patel LG, Forbes NJ, **Capone A, Jr.**, Emerson GG, Joseph DP, Elliott D, Regillo CD, Hsu J, Gupta OP, and Yonekawa Y (2020). "Prophylactic internal limiting membrane peeling during rhegmatogenous retinal detachment surgery." Acta Ophthalmology. ePub Ahead of Print.
49. Stem MS, Todorich B, and **Williams GA** (2020). "Enzymatic vitreolysis," In A. Chang, W.F. Mieler, and M. Ohji (ed). Macular Surgery: Current Practice and Trends. Singapore: Springer Singapore. pp: 189-200.
50. Subramanian M, Shields RA, and **Garretson BR** (2020). "Topiramate-Induced choroidal effusions." Ophthalmology 127(8): 1122.
51. Tanaka S, Inoue M, Inoue T, Yamakawa T, Uchio E, Grewal DS, **Mahmoud TH**, and Kadonosono K (2020). "Autologous retinal transplantation as a primary treatment for large chronic macular holes." Retina 40(10): 1938-1945.
52. Temmerman IM, **Mahmoud TH**, and Veckeneer MAH (2020). "Autologous neurosensory retinal transplant to treat refractory serous retinal detachment secondary to optic disc coloboma." Retinal Cases and Brief Reports. ePub Ahead of Print.
53. Tran AQ, Zhang-Nunes SX, Cahill K, Alabiad CR, Shriver EM, Ho T, Weinberg DA, Couch SM, **Schlachter DM**, Nguyen J, and Wester ST (2020). "Thyroid eye disease with choroidal folds." Orbit. ePub Ahead of Print.
54. Tukul MR, Adelman MJ, **Gladstone GJ**, and Appleford C (2020). "Nonintestinal type adenocarcinoma of the ethmoid sinus with unusual cribriform histologic pattern." Ophthalmic Plastic & Reconstructive Surgery ePub Ahead of Print.
55. Wang JC, Ryan EH, Ryan C, Kakulavarapu S, Mardis PJ, Rodriguez M, Stefater JA, Forbes NJ, Gupta O, **Capone A, Jr.**, Emerson GG, Joseph DP, Elliott D, and Yonekawa Y (2020). "Factors associated with the use of 360-degree laser retinopexy during primary vitrectomy with or without scleral buckle for rhegmatogenous retinal detachment and impact on surgical outcomes (pro study report number 4)." Retina 40(11): 2070-2076.
56. Winker KP, Beaulieu R, Beville L, Mishulin A, and **Black EH** (2020). "Effects of aspirin on postoperative bruising and bleeding complications in upper eyelid surgery." Ophthalmic Plastic and Reconstructive Surgery 36(6): 575-578.
57. Wood EH, Korot E, Storey PP, Muscat S, **Williams GA**, and **Drenser KA** (2020). "The retina revolution: Signaling pathway therapies, genetic therapies, mitochondrial therapies, artificial intelligence." Current Opinion in Ophthalmology 31(3): 207-214.

Department of Orthopaedic Surgery

1. **Baker EA**, Vara AD, Salisbury MR, Fleischer MM, **Baker KC**, **Fortin PT**, Roberts RV, and Friedrich CR (2020). "Titania nanotube morphologies for osseointegration via models of in vitro osseointegrative potential and in vivo intramedullary fixation." Journal of Biomedical Materials Research - Part B Applied Biomaterials 108(4): 1483-1493.
2. **Baker EA**, Harley J, Gehrke C, Ciufo DJ, **Fortin PT**, and **Vaupel ZM** (2020). "Applying the periprosthetic joint infection consensus definition to a case series of revision foot and ankle implant-associated and infection-suspected procedures to assess diagnosis." Foot & Ankle Orthopaedics 5(4): 2473011420S00110.

3. **Baker EA**, Gehrke C, Ciufu DJ, **Vaupel ZM**, and **Fortin PT** (2020). "Postoperative length of stay may predict foot and ankle patients at risk for readmission." Foot & Ankle Orthopaedics 5(4): 2473011420S00111.
4. Baumann CA, **Hinckel B**, Farr J, and Gomoll A (2020). "Isolated patellofemoral unipolar cartilage lesions: When to intervene," In D Dejour, S Zaffagnini, E Arendt, P Sillanpää, and F Dirisamer (ed). Patellofemoral Pain, Instability, and Arthritis. Cham: Springer. pp: 461-477.
5. Berkowitz MJ, Clare MP, **Fortin P**, Schon LC, and Sanders RW (2020). Revision surgery of the foot and ankle: Surgical strategies and techniques. Cham, Springer International Publishing.
6. Chahla J, **Hinckel BB**, Yanke AB, Farr J, and Metrics Osteochondral A (2020). "An expert consensus statement on the management of large chondral and osteochondral defects in the patellofemoral joint." Orthopaedic Journal of Sports Medicine 8(3): 2325967120907343.
7. Daley E and **Zaltz I** (2020). "Proximal femoral osteotomy," In P.E. Beaulé (ed). Hip Dysplasia: Understanding and Treating Instability of the Native Hip. Cham: Springer International Publishing. pp: 155-164.
8. Darrith B, Bohl DD, **Karadsheh MS**, Sporer SM, Berger RA, and Levine BR (2020). "Periprosthetic fractures of the distal femur: Is open reduction and internal fixation or distal femoral replacement superior?" Journal of Arthroplasty 35(5): 1402-1406.
9. Driscoll JA, Lubbe R, Jakus AE, Chang K, Haleem M, Yun C, Singh G, Schneider AD, Katchko KM, Soriano C, Newton M, Maerz T, Li X, **Baker K**, Hsu WK, Shah RN, Stock SR, and Hsu EL (2020). "3D-printed deramic-demineralized bone matrix hyperelastic bone composite scaffolds for spinal fusion." Tissue Engineering - Part A 26(3-4): 157-166.
10. **Easton RW**, **Papakonstantinou NS**, **Baker K**, **Baker EA**, Vibert B, Lipphardt M, **Ahlgren B**, Pestano C, Hulen CA, Silvasi D, and Smith G (2020). "P57. ERAS vs non-ERAS: Protocol implementation resulted in significant outcomes improvement in patients undergoing lumbar spine fusion." The Spine Journal 20(9): S173-S174.
11. Faure PA, **Zaltz I**, Côté K, Pelet S, Forsythe C, Beaulé PE, and Belzile EL (2020). "Morscher osteotomy through surgical dislocation approach for true femoral neck lengthening with greater trochanter transposition." The Journal of Bone and Joint Surgery 102(21S Suppl 1): 66-72.
12. Fellous TG, Redpath AN, Fleischer MM, Gandhi S, Hartner SE, Newton MD, Francois M, Wong SP, Gowers KHC, Fahs AM, Possley DR, Bonnet D, Urquhart P, Nicolaou A, **Baker KC**, and Rankin SM (2020). "Pharmacological tools to mobilise mesenchymal stromal cells into the blood promote bone formation after surgery." NPJ Regenerative Medicine 5: 3.
13. **Fischgrund JS**, Rhyne A, Macadaeg K, Moore G, Kamrava E, Yeung C, Truumees E, Schaufele M, Yuan P, DePalma M, Anderson DG, Buxton D, Reynolds J, and **Sikorsky M** (2020). "Long-term outcomes following intraosseous basivertebral nerve ablation for the treatment of chronic low back pain: 5-year treatment arm results from a prospective randomized double-blind sham-controlled multi-center study." European Spine Journal 29(8): 1925-1934.
14. **Fischgrund JS** (2020). "Continuing growth." JAAOS Global Research & Reviews 4(3): e20.00013.
15. **Fortin PT** and Beaman DN (2020). "Revision of nonunion and malunion: Ankle arthrodesis," In M.J. Berkowitz, et al. (ed). Revision Surgery of the Foot and Ankle: Surgical Strategies and Techniques. Cham: Springer International Publishing. pp: 313-334.
16. Gandhi SD, **Cross J**, Siljander M, Fahs A, McQuivey K, **Fortin PT**, and **Wiater PJ** (2020). "Dimensions of the

- lateral malleolar fossa and its potential violation with lateral distal fibular plate fixation." Orthopedics 43(3): E141-E146.
17. Gandhi SD, Maerz T, Mitchell S, Bachison C, **Park DK**, **Fischgrund JS**, and **Baker KC** (2020). "Intradiscal delivery of anabolic growth factors and a metalloproteinase inhibitor in a rabbit acute lumbar disc injury model." International Journal of Spine Surgery 14(4): 585-593.
 18. Gandhi SD, Fahs AM, Wahlmeier ST, Louie P, Possley DR, **Khalil JG**, and **Park DK** (2020). "Radiographic fusion rates following a stand-alone interbody cage versus an anterior plate construct for adjacent segment disease after anterior cervical discectomy and fusion." Spine 45(11): 713-717.
 19. Gandhi SD, Wahlmeier ST, Louie P, Sauber R, **Tooley TR**, **Baker KC**, and **Park DK** (2020). "Effect of local retropharyngeal steroids on fusion rate after anterior cervical discectomy and fusion." Spine Journal 20(2): 261-265.
 20. Gandhi S, Newton M, Salisbury M, and **Baker K** (2020). "Technical experience and postoperative complications with repeat transperitoneal approach to the lumbar spine in female Lewis rats." Labratory Animals. ePub Ahead of Print.
 21. Gobbi RG, Videira LD, Dos Santos AA, Saruhashi MB, Lucarini BR, Fernandes RJR, Giglio PN, Pécora JR, Camanho GL, and **Hinckel BB** (2020). "Anatomical risk factors for anterior cruciate ligament injury are not important as patellar instability risk factors in patients with acute knee injury." Journal of Knee Surgery. ePub Ahead of Print.
 22. Goodnough LH, Salazar BP, Furness J, Feng JE, DeBaun MR, Campbell ST, Lucas JF, Cross WW, Leucht P, **Grant KD**, Gardner MJ, and Bishop JA (2020). "How are peri-implant fractures below short versus long cephalomedullary nails different?" European Journal of Orthopaedic Surgery & Traumatology. ePub Ahead of Print.
 23. Gupta S, Bartolozzi AR, Miller L, Morgan C, Anyangwe V, and **Cavinatto L** (2020). "Preoperative estimated width of the patellar tendon for anterior cruciate ligament reconstruction." Journal of Knee Surgery 33(12): 1213-1218.
 24. **Hinckel BB**, Pratte EL, Baumann CA, Gowd AK, Farr J, **Liu JN**, Yanke AB, Chahla J, and Sherman SL (2020). "Patellofemoral cartilage restoration: A systematic review and meta-analysis of clinical outcomes." American Journal of Sports Medicine 48(7): 1756-1772.
 25. **Hinckel BB**, Baumann CA, Ejnisman L, **Cavinatto LM**, **Martusiewicz A**, Tanaka MJ, Tompkins M, Sherman SL, Chahla JA, Frank R, Yamamoto GL, **Bicos J**, Arendt L, Fithian D, and Farr J (2020). "Evidence-based risk stratification for sport medicine procedures during the COVID-19 pandemic." Journal of the American Academy of Orthopaedic Surgeons. Global research & reviews 4(10): e20.00083-e20.00083.
 26. **Hinckel B**, Zaffagnini S, and Arendt EA (2020). "Medial patellotibial ligament: Clinical application and surgical reconstruction for patellar stabilization," In D. Dejour, et al. (ed). Patellofemoral Pain, Instability, and Arthritis: Clinical Presentation, Imaging, and Treatment. Berlin, Heidelberg: Springer Berlin Heidelberg. pp: 239-249.
 27. **Hinckel B**, Lea JE, and **Bicos J** (2020). "Tibial tubercle osteotomy " In T. MJ (ed). Surgical Insights: Sports Medicine Knee Surgery American Academy of Orthopaedic Surgeons.
 28. Kim DH, Hwang RW, Lee GH, Joshi R, **Baker KC**, Arnold P, Sasso R, **Park D**, and **Fischgrund J** (2020). "Comparing rates of early pedicle screw loosening in posterolateral lumbar fusion with and without transforaminal lumbar interbody fusion." Spine Journal 20(9): 1438-1445.

29. Kim DH, Hwang RW, Lee GH, Joshi R, **Baker KC**, Arnold P, Sasso R, **Park D**, and **Fischgrund J** (2020). "Potential significance of facet joint fusion or posteromedial fusion observed on CT imaging following attempted posterolateral or posterior interbody fusion." Spine Journal 20(3): 337-343.
30. Kim DH, Hwang RW, Lee GH, Joshi R, **Baker KC**, Arnold P, Sasso R, **Park D**, and **Fischgrund J** (2020). "Response to Letter to the Editor regarding, "potential significance of facet joint fusion or posteromedial fusion observed on CT imaging following attempted posterolateral or posterior interbody fusion"." Spine Journal 20(11): 1890-1891.
31. Leal A, Andrade R, **Hinckel B**, Tompkins M, Bastos R, Flores P, Samuel F, Espregueira-Mendes J, and Arendt E (2020). "Patients with different patellofemoral disorders display a distinct ligament stiffness pattern under instrumented stress testing." Journal of ISAKOS 5(2): 74-79.
32. Leal A, Andrade R, **Hinckel BB**, Tompkins M, Flores P, Silva F, Espregueira-Mendes J, and Arendt E (2020). "A new device for patellofemoral instrumented stress-testing provides good reliability and validity." Knee Surgery, Sports Traumatology, Arthroscopy 28(2): 389-397.
33. Levine WN, **Fischgrund JS**, and Urrutia EJ (2020). "Guest nation Chile and a new chapter for JAAOS Unplugged®." The Journal of the American Academy of Orthopaedic Surgeons 28(5): 179.
34. Linkous N, Wright JO, Koueiter DM, Marcantonio D, **Wiater JM**, and **Wiater BP** (2020). "Outcomes for reverse total shoulder arthroplasty after failed open reduction internal fixation versus primary reverse total shoulder arthroplasty for proximal humerus fractures." Seminars in Arthroplasty: JSES 30(2): 111-116.
35. Lombardo DJ, Siljander MP, Sobh A, **Moore DD**, and **Karadsheh MS** (2020). "Periprosthetic fractures about total knee arthroplasty." Musculoskeletal Surgery 104(2): 135-143.
36. Maerz T, Newton MD, Fleischer M, Hartner SE, Gawronski K, Junginger L, and **Baker KC** (2020). "Traumatic joint injury induces acute catabolic bone turnover concurrent with articular cartilage damage in a rat model of posttraumatic osteoarthritis." Journal of Orthopaedic Research. ePub Ahead of Print.
37. Mahan MC, Yu CC, Shields R, van Holsbeeck M, and **Zaltz I** (2020). "Impingement-free hip flexion in asymptomatic young adult women." Journal of Bone and Joint Surgery 102(21S): 22-26.
38. Markman JD, Rhyne AL, Sasso RC, Patel AA, Hsu WK, **Fischgrund JS**, Edidin AA, and Vajkoczy P (2020). "Association between opioid use and patient-reported outcomes in a randomized trial evaluating basivertebral nerve ablation for the relief of chronic low back pain." Clinical Neurosurgery 86(3): 343-347.
39. **Martusiewicz A**, Khan AZ, Chamberlain AM, Keener JD, and Aleem AW (2020). "Outpatient narcotic consumption following total shoulder arthroplasty." JSES International 4(1): 100-104.
40. **Martusiewicz A**, Delagrammaticas D, Harold RE, Bhatt S, Beal MD, and Manning DW (2020). "Anterior versus posterior approach total hip arthroplasty: patient-reported and functional outcomes in the early postoperative period." Hip International 30(6): 695-702.
41. Merkely G, **Hinckel B**, Shah N, Small K, and Lattermann C (2020). "Magnetic resonance imaging of the patellofemoral articular cartilage," In D Dejour, S Zaffagnini, E Arendt, P Sillanpää, and F Dirisamer (ed). Patellofemoral Pain, Instability, and Arthritis. Cham: Springer. pp: 47-61.
42. Merkely G, **Hinckel B**, Shah N, Small K, and Lattermann C (2020). "Medial patellotibial ligament: Clinical application and surgical reconstruction for patellar stabilization," In D Dejour, S Zaffagnini, E Arendt, P Sillanpää, and F Dirisamer (ed). Patellofemoral Pain, Instability, and Arthritis. Cham: Springer. pp: 239-249.

43. Mourad W, **Wiater JM, Wiater BP, and Martusiewicz A** (2020). "Baseplate options for reverse total shoulder arthroplasty." Current Reviews in Musculoskeletal Medicine 13(6): 769-775.
44. Nepple JJ, **Zaltz I**, Larson CM, Beaulé PE, Kim YJ, Millis MB, Sierra RJ, Clohisy JC, and Group A (2020). "Surgical treatment of femoroacetabular impingement: Hip arthroscopy versus surgical hip dislocation: A propensity-matched analysis." The Journal of Bone and Joint Surgery 102(21S Suppl 1): 51-58.
45. Newton MD, Marek AA, Planalp M, **Park D, Baker K**, and Maerz T (2020). "Longitudinal characterization of intervertebral disc remodeling following acute annular injury in a rat model of degenerative disc disease." Connective Tissue Research 61(6): 568-576.
46. Park P, Chang V, Yeh HH, Schwalb JM, Nerenz DR, Schultz LR, Abdulhak MM, **Easton R**, Perez-Cruet M, Kashlan ON, Oppenlander ME, Szerlip NJ, Swong KN, and Aleem IS (2020). "Impact of Michigan's new opioid prescribing laws on spine surgery patients: Analysis of the Michigan Spine Surgery Improvement Collaborative." Journal of Neurosurgery. ePub Ahead of Print.
47. Possley D, **Baker E, Baker K**, and **Khalil JG** (2020). "Surface modification techniques to enhance osseointegration of spinal implants." The Journal of the American Academy of Orthopaedic Surgeons 28(22): e988-e994.
48. Randall D, Jee Y, Vanood A, and **Mayo D** (2020). "Atypical presentation of periprosthetic joint infection after total knee arthroplasty due to *Parvimonas micra*." Arthroplasty Today 6(4): 901-905.
49. Sankar WN and **Zaltz I** (2020). "Single-incision extraperiosteal triple innominate osteotomy: Outcomes of an updated technique." Journal of Pediatric Orthopedics 40(10): e1005-e1009.
50. Schafer E, Bazydlo M, Schultz L, Park P, Chang V, **Easton RW**, Schwalb J, **Khalil J, Perez-Cruet M**, Abdulhak M, Aleem I, and for the MI (2020). "Rates and risk factors associated with 90-day readmission following cervical spine fusion surgery: analysis of the Michigan Spine Surgery Improvement Collaborative (MSSIC) registry." Spine Journal 20(5): 708-716.
51. Siljander MP, Whaley JD, Koueiter DM, Alsaleh M, and **Karadsheh MS** (2020). "Length of stay, discharge disposition, and 90-day complications and revisions following primary total hip arthroplasty: A comparison of the direct anterior, posterolateral, and direct superior approaches." Journal of Arthroplasty 35(6): 1658-1661.
52. Swank KR, Furness JE, **Baker EA**, Gehrke CK, Biebelhausen SP, and **Baker KC** (2020). "Metabolomic profiling in the characterization of degenerative bone and joint diseases." Metabolites 10(6): 223.
53. Swank KR, **Baker E**, Gehrke CK, and Rohde RS (2020). "Surgical management of triquetral osteoid osteoma with adjunct tetracycline for intraoperative visualization: A case report." JBJS Case Connector 10(4): e20.00132.
54. Swarup I, **Zaltz I**, Robustelli S, and Sink E (2020). "Outcomes of periacetabular osteotomy for borderline hip dysplasia in adolescent patients." Journal of Hip Preservation Surgery 7(2): 249-255.
55. Trinh TQ, Leunig M, Larson CM, Clohisy J, Nepple J, **Zaltz I**, Kelly BT, Naimark MB, and Bedi A (2020). "Lateral center-edge angle is not predictive of acetabular articular cartilage surface area: Anatomic variation of the lunate fossa." American Journal of Sports Medicine 48(8): 1967-1973.
56. **Wiater JM**, Levy JC, Wright SA, Brockmeier SF, Duquin TR, Wright JO, and Codd TP (2020). "Prospective, blinded, randomized controlled trial of stemless versus stemmed humeral components in anatomic total shoulder arthroplasty: Results at short-term follow-up." The Journal of Bone and Joint Surgery 102(22): 1974-

1984.

57. Wilkin GP, Poitras S, Clohisy J, Belzile E, **Zaltz I**, Grammatopoulos G, Melkus G, Rakhra K, Ramsay T, Thavorn K, and Beaulé PE (2020). "Periacetabular osteotomy with or without arthroscopic management in patients with hip dysplasia: Study protocol for a multicenter randomized controlled trial." Trials 21(1): 725.
58. Wu JC, Daley E, Koueiter DM, Lilly R, Vara AD, and **Settecerri JJ** (2020). "Operating room intervention rates after orthopaedic resident-reduced pediatric both-bone forearm fractures relative to the academic calendar." Journal of Pediatric Orthopedics 40(5): 228-234.
59. Zakaria HM, Lipphardt M, Bazydlo M, Xiao SJ, Schultz L, Chedid M, Abdulhak M, Schwalb JM, Nerenz D, **Easton R**, Chang V, and Investigators M (2020). "The preoperative risks and two-year sequelae of postoperative urinary retention: Analysis of the Michigan Spine Surgery Improvement Collaborative (MSSIC)." World Neurosurgery 133: E619-E626.
60. Zakaria HM, Mansour TR, Telemi E, Asmaro K, Bazydlo M, Schultz L, Nerenz DR, Abdulhak M, **Khalil JG**, **Easton R**, Schwalb JM, Park P, and Chang V (2020). "The association of preoperative opioid usage with patient-reported outcomes, adverse events, and return to work after lumbar fusion: Analysis from the Michigan Spine Surgery Improvement Collaborative (MSSIC)." Neurosurgery 87(1): 142-149.

Department of Pathology

1. Boyanton BL, Hanna MM, **Hafez-Khayyata S**, and **Robinson-Dunn B** (2020). "Fatal postpartum infection." Infectious Diseases in Clinical Practice 28(1): 53-54.
2. Creagh S, **Macknis J**, and **Zhang P** (2020). "A re-evaluation: Acute Kidney Injury (AKI) patterns are similar in human autopsy kidneys and rat kidneys despite differences in renal tubule structure." Laboratory Investigation 100(SUPPL 1): 6-6.
3. Douglas JK, Callahan RE, Hothem ZA, Cousineau CS, Kawak S, Thibodeau BJ, Bergeron S, **Li W**, Peeples CE, and Wasvary HJ (2020). "Genomic variation as a marker of response to neoadjuvant therapy in locally advanced rectal cancer." Molecular & Cellular Oncology 7(3): 1716618.
4. **Ducatman BS**, Ducatman AM, Crawford JM, Laposata M, and Sanfilippo F (2020). "The value proposition for pathologists: A population health approach." Academic Pathology 7: 2374289519898857.
5. **Ducatman B** and **Bernacki KD** (2020). "Liver," Cytology: Diagnostic Principles and Clinical Correlates. Philadelphia: Elsevier. pp: 425-450.
6. Fatemi S and **Fullmer J** (2020). "Monoclonal brachyury staining in hemangioblastoma." Journal of Neuropathology and Experimental Neurology 79(6): 705-705.
7. Filkins L, Hauser Jocelyn R, **Robinson-Dunn B**, Tibbetts R, Boyanton Bobby L, Revell P, and Richter Sandra S (2020) "American Society for Microbiology provides 2020 guidelines for detection and identification of group B streptococcus." Journal of Clinical Microbiology 59(1): e01230-20.
8. Freij BJ, Gebara BM, Tariq R, Wang AM, Gibson J, El-Wiher N, Krasan G, Patek PM, Levasseur KA, **Amin M**, and **Fullmer JM** (2020). "Fatal central nervous system co-infection with SARS-CoV-2 and tuberculosis in a healthy child." BMC Pediatrics 20(1): 429.
9. Golas VL, Lao KM, Misuraca MS, **Li W**, Marrone MG, **Kanaan HD**, and **Zhang PL** (2020). "The clinical features

- of overlap syndrome (ANCA-associated crescentic glomerulonephritis AACGN and immune complex-mediated glomerulonephritis) are similar to those of AACGN alone." [International Urology and Nephrology](#). ePub Ahead of Print.
10. Greenwell TJ, Kumar S, and **Hysell C** (2020). "High-grade uterine sarcoma with BCOR internal tandem duplication presenting with total uterine inversion." [American Journal of Clinical Pathology](#) 154(Supplement_1): S78-S79.
 11. Gupta A, **Macknis J**, and **Zhang P** (2020). "Immunohistochemistry panels to help understand differentiation and maturation of mesonephros and metanephros." [Laboratory Investigation](#) 100(SUPPL 1): 1735-1735.
 12. Hanna A, Cappell MS, Gjeorgjievski M, and **Amin MB** (2020). "Case report of hypopharyngeal extraesophageal cancer incidentally first visualized and diagnosed at esophagogastroduodenoscopy with tumor mass biopsies." [Official Journal of the American College of Gastroenterology](#) 115(S): S1101-S1102.
 13. Hristov AC, Comfere NI, Vidal CI, and **Sundram U** (2020). "Kappa and lambda immunohistochemistry and in situ hybridization in the evaluation of atypical cutaneous lymphoid infiltrates." [Journal of Cutaneous Pathology](#) 47(11): 1103-1110.
 14. Krishnan S, **Zhang P**, and **Qu Z** (2020). "Prevalence of mast cells as a surrogate marker for diagnosis of persistent eosinophilic esophagitis." [Archives of Pathology and Laboratory Medicine](#) 144(e31): e2-e212.
 15. Kumar S and **Jabbar K** (2020). "Gastric adenocarcinoma with enteroblastic differentiation: A rare find." [American Journal of Clinical Pathology](#) 154(Supplement_1): S65-S65.
 16. Lao KM, **Kanaan H**, **Li W**, and **Zhang P** (2020). "Clinical indices for overlapping syndrome (ANCA Associated Crescentic Glomerulonephritis AACGN and Immune Complex Medicated Glomerulopathy) are similar to AACGN only cases." [Laboratory Investigation](#) 100(SUPPL 1): 1585-1585.
 17. Lin H and **Yu L** (2020). "Medical artificial intelligent research: Translating artificial intelligence into clinical practice." [Annals of Translational Medicine](#) 8(11): 695.
 18. **Liu J**, Friedman P, and Savasan ZA (2020). "Does pulse pressure help to determine the effectiveness of labetalol in severe hypertension?" [American Journal of Obstetrics & Gynecology](#) 222(1): S278-S279.
 19. Lyapichev KA, Piña-Oviedo S, Medeiros LJ, Evans MG, Liu H, Miranda AR, Hunt KK, Clemens MW, Stewart JM, **Amin MB**, Quesada AE, Chai SM, Di Napoli A, Yoga A, Dave SK, Wistuba II, Wu Y, Bueso-Ramos CE, Schlette EJ, Ferrufino-Schmidt MC, Loghavi S, Khoury JD, Young KH, and Miranda RN (2020). "A proposal for pathologic processing of breast implant capsules in patients with suspected breast implant anaplastic large cell lymphoma." [Modern Pathology](#) 33(3): 367-379.
 20. **Maine GN**, Lao KM, Krishnan SM, Afolayan-Oloye O, Fatemi S, Kumar S, VanHorn L, Hurand A, **Sykes E**, and **Sun Q** (2020). "Longitudinal characterization of the IgM and IgG humoral response in symptomatic COVID-19 patients using the Abbott Architect." [Journal of Clinical Virology](#) 133: 104663.
 21. Mankuzhy NP, Almahariq MF, Ye H, **Amin M**, Stone B, and Krauss DJ (2020). "Investigation of the prognostic significance of neuroendocrine differentiation in Gleason Score 7 to 10 prostate adenocarcinoma in patients with distant metastasis after definitive radiotherapy." [American Journal of Clinical Pathology](#). ePub Ahead of Print.
 22. **Micale M**, **Qu Z**, and Martin B (2020). "Machine learning can identify abnormal chromosomes to facilitate initial screening in the cytogenomics laboratory " [Archives of Pathology and Laboratory Medicine](#) 144(137).

23. **Qu Z** (2020). "Challenges for data extraction from narrative pathology reports." Archives of Pathology and Laboratory Medicine 144(3): 273.
24. **Qu Z**, Zhao K, Jin JG, Qu E, and Lai Z (2020). "A novel method enables general pathologists to create web dynamic forms for synoptic tumor reporting." Archives of Pathology and Laboratory Medicine. ePub Ahead of Print.
25. Schoenherr DT, Dereski MO, **Bernacki KD**, **Hafez-Khayyata S**, and Attardi SM (2020). "Online integrative histology module improves self-efficacy for medical students with lower course performance." The FASEB Journal 34(S1): 1.
26. Sims MD, **Maine GN**, Childers KL, Podolsky RH, Voss DR, Berkiw-Scenna N, Oh J, Heinrich KE, Keil H, Kennedy RH, and Homayouni R (2020). "COVID-19 seropositivity and asymptomatic rates in healthcare workers are associated with job function and masking." Clinical Infectious Diseases. ePub Ahead of Print.
27. **Sun Q**, Avallone L, Stolze B, Araque KA, Ozarda Y, Jonklaas J, Parikh T, Welsh K, Masika L, and Soldin SJ (2020). "Demonstration of reciprocal diurnal variation in human serum T3 and rT3 concentration demonstrated by mass spectrometric analysis and establishment of thyroid hormone reference intervals." Therapeutic Advances in Endocrinology and Metabolism 11: 2042018820922688.
28. Thombare AS, **Maine G**, and **Sykes E** (2020). "Nausea, vomiting, fatigue, and hyponatremia in a 7-year-old boy." Clinical Chemistry 66(10): 1272-1275.
29. Tom A, **Powers JM**, and Chaiyasate K (2020). "Safe and efficient removal of massive head and neck vascular malformations using vessel sealing energy devices." Journal of Craniofacial Surgery. ePub Ahead of Print.
30. Tuan H, **Yu L**, Yin L, Lo Sicco K, and Shapiro J (2020). "Prediction of therapeutic outcomes of female pattern hair loss patients based on clinical features with application of artificial intelligence." Journal of the American Academy of Dermatology S0190-9622(20)33226-6.
31. Vakharia P, **Xie M**, and Al-Hakim MM (2020). "Facial nerve palsy after temporal artery biopsy." SKINmed 18(1): 54-55.
32. **Wang D**, Champion-Lyons E, Neyens R, Bohm N, Caddell B, and Babic N (2020). "The effect of sample handling on free valproic acid levels." Journal of Applied Laboratory Medicine Nov: jfaa181.
33. Wu JY, Deebajah M, Lai ZS, **Micale M**, and Yu LM (2020). "Utilization of deep neural network in recognition of BCR/ABL gene rearrangements in fluorescence in situ hybridization images." Laboratory Investigation 100(SUPPL 1): 1493-1494.
34. **Xie M** and Ma H (2020). "Nasopharyngeal mantle cell lymphoma with IGH/CCND1 rearrangement and MALT1 amplification: A case study with literature review." Human Pathology: Case Reports 22: 200424.
35. **Zhang PL**, Herrera GA, and Liu B (2020). "Monoclonal glomerulopathy with features of cryoglobulinemic glomerulopathy in murine multiple myeloma model." Ultrastructural Pathology 44(4-6):387-394.
36. **Zhang PL**, Pancioli T, **Li W**, and **Kanaan HD** (2020). "Electron microscopic findings can support multiple etiologies of nephrotoxicity in renal tubules." Ultrastructural Pathology 44(4-6):481-488.

Department of Pediatrics

1. Al-Hadidi A, Lapkus M, Karabon P, Naseem A, Akay B, and **Khandhar P** (2020). "Success of respiratory rescue therapy in preventing reintubation in a pediatric intensive care unit." Critical Care Medicine 48(1): 153.
2. Al-Hadidi A, Lapkus M, and **Khandhar P** (2020). "Readiness for extubation for pediatrics patients." Paediatric Surgery Essentials July.
3. Al-Hadidi A, Lapkus M, Novotny NM, **Gowans LK**, Chen PY, and Stallion A (2020). "Wilms tumor with pleural metastasis." Global Pediatric Health 7: 2333794X20952292-2333794X20952292.
4. Angus A, DeMare A, Kawak S, Rizk M, Pastewski J, Burk C, Mahmoudian C, **Khandhar P**, and Stallion A (2020). "Splenic trauma in a patient with heterotaxy: A case report and brief review of laterality defects." Critical Care Medicine 48(1): 881.
5. Azouz H, **Gerrits P**, **Surhigh J**, and Kalladi Puthanpurayil S (2020). "COVID-19 in an infant with congenital adrenal hyperplasia: A case report." Global Pediatric Health 7: 2333794x20958933.
6. Barrick L, **Cohen DM**, Schober MS, and Schwaderer A (2020). "National imaging trends of recurrent pediatric urolithiasis." Pediatric Emergency Care 36(4): e217-e221.
7. Barrow J and **Khandhar P** (2020). "Deontology." StatPearls.
8. Barrow J, Brannan G, and **Khandhar P** (2020). "Research Ethics," StatPearls.
9. Boudiab E and **Khandhar P** (2020). "Post-op day 1 fever is never atelectasis." Paediatric Surgery Essentials July.
10. **Cochran CD**, Yu S, Gakenheimer-Smith L, Lowery R, Lu JC, Mahani MG, Agarwal PP, and Dorfman AL (2020). "Identifying risk factors for massive right ventricular dilation in patients with repaired tetralogy of fallot." American Journal of Cardiology 125(6): 970-976.
11. David S and **Khandhar P** (2020). "Double-blind study " StatPearls.
12. Diokno AC and **Devries JM** (2020). "The impact of COVID-19 on urologic practice, medical education, and training." International Urology and Nephrology 52(7): 1195-1198.
13. Ernest S and **Khandhar P** (2020). "Laryngotracheobronchitis," StatPearls.
14. **Freij BJ**, **Gebara BM**, Tariq R, Wang AM, Gibson J, **El-Wiher N**, **Krasan G**, Patek PM, Levasseur KA, Amin M, and Fullmer JM (2020). "Fatal central nervous system co-infection with SARS-CoV-2 and tuberculosis in a healthy child." BMC Pediatrics 20(1): 429.
15. Gupta A, Menoch M, Levasseur K, and **Gonzalez IE** (2020). "Screening Pediatric Patients in New-Onset Syncope (SPINS) Study." Clinical Pediatrics 59(2): 127-133.
16. Guzzardo G and **Gowans LK** (2020). "A 21-year-old with right lower extremity edema." Clinical Pediatrics 6(2): 99.
17. Hansen TWR, **Maisels MJ**, Ebbesen F, Vreman HJ, Stevenson DK, Wong RJ, and Bhutani VK (2020). "Sixty years of phototherapy for neonatal jaundice: From serendipitous observation to standardized treatment and rescue for millions." Journal of Perinatology 40(2): 180-193.

18. Hawkes CP, Roy SM, **Dekelbab B**, Frazier B, Grover M, Haidet J, Listman J, Madsen S, Roan M, Rodd C, Sopher A, Tebben P, and Levine MA (2020). "Hypercalcemia in children using the ketogenic diet: A multicenter study." Journal of Clinical Endocrinology & Metabolism. ePub Ahead of Print.
19. Heitzer AM, Piercy JC, Peters BN, Mattes AM, **Klarr JM**, Batton B, Ofen N, and Raz S (2020). "Cumulative antenatal risk and kindergarten readiness in preterm-born preschoolers." Journal of Abnormal Child Psychology 48(1): 1-12.
20. Holtrop P and **Khandhar P** (2020). "Not all free air in the NICU is necrotizing enterocolitis." Paediatric Surgery Essentials August.
21. Jeon A, Trang A, Muczinski T, Karabon P, and **Khandhar P** (2020). "Questioning the FDA warning: Propofol use in the pediatric population." Critical Care Medicine 48(1): 594.
22. Jinna S and **Khandhar P** (2020). "Hydroxyurea toxicity " StatPearls
23. Kant S, Kesarwani P, **Prabhu A**, Graham SF, Buelow KL, Nakano I, and Chinnaiyan P (2020). "Enhanced fatty acid oxidation provides glioblastoma cells metabolic plasticity to accommodate to its dynamic nutrient microenvironment." Cell Death & Disease 11(4): 253.
24. Kelsch RD, **Nolan DA**, and Krishnan A (2020). "Unusual case of biotin-thiamine responsive encephalopathy without basal ganglia involvement." Pediatric Radiology. ePub Ahead of Print.
25. Lapkus M, Al-Hadidi A, Karabon P, Naseem A, **Khandhar P**, and Akay B (2020). "Impact of reintubation and use of respiratory rescue therapy in the pediatric intensive care unit." Critical Care Medicine 48(1): 162.
26. **Laskowski EP** (2020). "Picture of the month." Clinical Pediatrics 59(12): 1129.
27. Lewis H, Samanta D, Örsell JL, Bosanko KA, Rowell A, Jones M, Dale RC, Taravath S, Hahn CD, Krishnakumar D, Chagnon S, Keller S, Hagebeuk E, Pathak S, Bebin EM, **Arndt DH**, Alexander JJ, Mainali G, Coppola G, Maclean J, Sparagana S, McNamara N, Smith DM, Raggio V, Cruz M, Fernández-Jaén A, Kava MP, Emrick L, Fish JL, Vanderver A, Helman G, Pierson TM, and Zarate YA (2020). "Epilepsy and electroencephalographic abnormalities in SATB2-associated syndrome." Pediatric Neurology 112: 94-100.
28. **Maisels MJ**, Kring EA, and Coffey MP (2020). "Heme catabolism and bilirubin production in readmitted jaundiced newborns." Journal of Pediatrics 226: 285-288.
29. **Maisels MJ** and Watchko JF (2020). "Improving post-discharge neonatal surveillance for the jaundiced newborn." Acta Paediatrica 109(5): 872-873.
30. Meka SG, Mohr M, Nair GB, and **Salman BA** (2020). "Autoimmune pulmonary alveolar proteinosis mimicking Mycoplasma pneumonia in an adolescent." Respiratory Medicine Case Reports 30: 101100.
31. Patek P, Corcoran J, Adams L, and **Khandhar P** (2020). "SARS-CoV-2 infection in a 2-week-old male with neutropenia." Clinical Pediatrics 59(9-10):918-920.
32. Seifert ME, Dahale DS, Kamel M, Winterberg PD, Barletta GM, Belsha CW, Chaudhuri A, Flynn JT, Garro R, George RP, Goebel JW, Kershaw DB, Matossian D, Misurac J, Nailescu C, Nguyen CR, Pearl M, Pollack A, Pruette CS, Singer P, VanSickle JS, Verghese P, Warady BA, Warmin A, Weng PL, **Wickman L**, Wilson AC, and Hooper DK (2020). "The Improving Renal Outcomes Collaborative: Blood pressure measurement in transplant recipients." Pediatrics 146(1): e20192833.
33. Theis S and **Khandhar P** (2020). "Pseudohyponatremia," StatPearls.

34. Tomlinson MS, Santos HP, Stewart JR, Joseph R, Leviton A, Onderdonk AB, Kuban KCK, Heeren T, O'Shea TM, Fry RC, Shah B, Singh R, Van Marter L, Martin C, Ware J, Cole C, Perrin E, Bednarek F, Frazier JA, Ehrenkranz R, Benjamin J, O'Shea TM, Bose C, Warner D, Engelke S, Poortenga M, Pastyrnak S, Karna P, Paneth N, Lenski M, Schreiber M, Hunter S, Msall M, Batton D, **Klarr J**, Christianson K, Klein D, Pimental M, Hallisey C, Coster T, Nylen E, Neger E, Mattern K, Venuti L, Powers B, Foley A, Williams J, Romano E, Hiatt D, Peters N, Brown P, Anusinha E, Bose G, Wereszczak J, Bernhardt J, Adams J, Wilson D, Darden-Saad N, Sutton D, Rathbun J, Miras K, Weiland D, Yoon G, Ramoskaite R, Wiggins S, Washington K, Martin R, Prendergast B, Kring B, Smith A, McQuiston S, Butler S, Wilson R, McGhee K, Lee P, Asgarian A, Sadhwani A, Henson B, Keller C, Walkowiak J, Barron S, Miller A, Dessureau B, Wood M, Damon-Minow J, Romano E, Mayes L, Tsatsanis K, Chawarska K, Kim S, Dieterich S, Bearrs K, Waldrep E, Friedman J, Hounshell G, Allred D, Helms R, Whitley L, Stainback G, Bostic L, Jacobson A, McKeeman J, Meyer E, Pastyrnak S, Price J, Lloyd M, Plesha-Troyke S, Scott M, Solomon KM, Brooklier K, Vogt K and Investigators ES (2020). "Neurocognitive and social-communicative function of children born very preterm at 10 years of age: Associations with microorganisms recovered from the placenta parenchyma." Journal of Perinatology 40(2): 306-315.
35. Trang A and **Khandhar PB** (2020). "Physiology, Acetylcholinesterase," StatPearls. Treasure Island (FL): StatPearls Publishing.
36. Vanood A, Ah Lee Y, **Leleszi E**, and Krishnan A (2020). "Symptomatic neurocutaneous melanosis: Mild clinical onset in a teenager." BMJ Case Reports 13(11): e235772.

Department of Physical Medicine and Rehabilitation

1. Delgado MR, Tilton A, Carranza-Del Río J, Dursun N, Bonikowski M, Aydin R, Maciag-Tymecka I, Oleszek J, **Dabrowski E**, Grandoulier AS, and Picaut P (2020). "Efficacy and safety of abobotulinumtoxinA for upper limb spasticity in children with cerebral palsy: A randomized repeat-treatment study." Developmental Medicine and Child Neurology. ePub Ahead of Print.
2. Gordan JD, Kennedy EB, Abou-Alfa GK, Beg MS, Brower ST, Gade TP, Goff L, Gupta S, Guy J, Harris WP, **Iyer R**, Jaiyesimi I, Jhawer M, Karippot A, Kaseb AO, Kelley RK, Knox JJ, Kortmansky J, Leaf A, Remak WM, Shroff RT, Sohal DPS, Taddei TH, Venepalli NK, Wilson A, Zhu AX, and Rose MG (2020). "Systemic therapy for advanced hepatocellular carcinoma: ASCO guideline." Journal of Clinical Oncology 38(36): 4317-4345.
3. **LaBan M** (2020). "Regarding "Female office workers with moderate neck pain have increased anterior positioning of the cervical spine and stiffness of the upper trapezius myofascial tissues in sitting position"." PM&R 11(5):476-482.
4. **LaBan MM** (2020). "The initial appearance of neurofibromatosis with the onset of pregnancy." PM&R. ePub Ahead of Print.
5. Pamplona MD, **Ysunza PA**, Telich-Tarriba J, Chavez-Serna E, Villate-Escobar P, Sterling M, and Cardenas-Mejia A (2020). "Diagnosis and treatment of speech disorders in children with Moebius syndrome." International Journal of Pediatric Otorhinolaryngology 138:110316.
6. Pamplona MDC and **Ysunza PA** (2020). "Speech pathology telepractice for children with cleft palate in the times of COVID-19 pandemic." International Journal of Pediatric Otorhinolaryngology 138: 110318.
7. Shprintzen RJ and **Ysunza PA** (2020). "Recording of endoscopy and fluoroscopy of the vocal tract with sound (or its absence): a disappointment." Journal of Audiology, Otoneurology & Phoniatics 2(4): 1-3.

8. Smith S, Wilson CM, Lippel C, Avromov M, **Maltese J**, Siwa E, Jr., Colombo R, and Seidell JW (2020). "Managing palliative patients in inpatient rehabilitation Through a short stay family training program." American Journal of Hospice and Palliative Medicine 37(3): 172-178.
9. Tejeda-Franco CD, Valadez-Jimenez VM, Hernandez-Lopez X, **Ysunza PA**, Mena-Ramirez ME, Garcia-Zalapa RA, and Miranda-Duarte A (2020). "Hearing aid use and auditory verbal therapy improve voice quality of deaf children." Journal of Voice 34(2): 301.e7-301.e11.
10. **Ysunza PA** and Rontal M (2020). "T & A in patients with cleft palate and/or VPI." Cleft Palate and Craniofacial Journal 57: 9-10.

Department of Radiation Oncology

1. Al-Hadidi A, Lapkus M, Novotny NM, Gowans LK, **Chen PY**, and Stallion A (2020). "Wilms tumor with pleural metastasis." Global Pediatric Health 7: 2333794X20952292-2333794X20952292.
2. Almahariq MF, **Chen PY**, Dekhne N, and **Dilworth JT** (2020). "ASO author reflections: Omission of axillary lymph node dissection for breast cancer patients with residual N1 nodal disease following neoadjuvant chemotherapy: Not ready for primetime?" Annals of Surgical Oncology 27(Suppl 3):869-870.
3. Almahariq MF, Levitin R, Quinn TJ, **Chen PY**, Dekhne N, Kiran S, Desai A, Benitez P, **Jawad MS**, **Gustafson GS**, and **Dilworth JT** (2020). "Omission of axillary lymph node dissection is associated with inferior survival in breast cancer patients with residual N1 nodal disease following neoadjuvant chemotherapy." Annals of Surgical Oncology 28(2):930-940.
4. Almahariq MF, Levitin R, Quinn TJ, **Jawad MS**, **Chen PY**, **Gustafson GS**, and **Dilworth JT** (2020). "Omission of an axillary lymph node dissection is associated with inferior survival in patients with residual nodal disease following neoadjuvant chemotherapy." International Journal of Radiation Oncology Biology Physics 108(3): S152-S153.
5. Almahariq MF, Maywood MJ, Levitin RB, Squires BS, **Jawad MS**, **Chen PY**, **Gustafson GS**, and **Dilworth JT** (2020). "Mapping of metastatic level I axillary lymph nodes in patients with newly diagnosed breast cancer." International Journal of Radiation Oncology, Biology, Physics 106(4): 811-820.
6. Almahariq MF, Quinn TJ, Arden JD, Roskos PT, **Wilson GD**, Marples B, **Grills IS**, **Chen PY**, **Krauss DJ**, **Chinnaiyan P**, and **Dilworth JT** (2020). "Pulsed radiation therapy for the treatment of newly diagnosed glioblastoma." Neuro-oncology. ePub Ahead of Print.
7. Almahariq MF, Quinn TJ, Kesarwani P, Kant S, Miller CR, and **Chinnaiyan P** (2020). "Inhibition of colony-stimulating factor-1 receptor enhances the efficacy of radiotherapy and reduces immune suppression in glioblastoma." International Journal of Radiation Oncology Biology Physics 108(3): E569-E570.
8. Almahariq MF, Quinn TJ, Siddiqui Z, **Jawad MS**, **Chen PY**, **Gustafson GS**, and **Dilworth JT** (2020). "Breast conserving therapy is associated with improved overall survival compared to mastectomy in early-stage, lymph node-negative breast cancer." Radiotherapy and Oncology 142: 186-194.
9. Almahariq MF, Quinn TJ, Siddiqui ZA, Thompson AB, **Jawad MS**, **Chen PY**, **Gustafson GS**, and **Dilworth JT** (2020). "Post-mastectomy radiotherapy is associated with improved overall survival in T3N0 patients who do not receive chemotherapy." Radiotherapy and Oncology 145: 229-237.
10. Arden JD, Badanjek R, Hanna A, Wilson TG, and **Wilson GD** (2020). "Correlation of prognostic biomarkers,

- CD44 and EGFR, with measures of cellular kinetics In p16 negative head and neck squamous cell carcinomas." International Journal of Radiation Oncology Biology Physics 108(3): E502-E502.
11. Arden JD, Gruner MF, Vu CC, Marvin K, Ye H, **Nandalur SR**, Al-Wahab Z, Gadzinski J, Rakowski JA, Field J, Rosen B, and **Jawad MS** (2020). "Outcomes after salvage radiation therapy for recurrent endometrial cancer in patients with no prior adjuvant therapy: An institutional review." Advances in Radiation Oncology 5(6): 1240-1247.
 12. Arden JD, Marvin K, **Nandalur SR**, Al-Wahab Z, Field J, Gadzinski J, Rakowski JA, Rosen B, and **Jawad MS** (2020). "Sequencing of adjuvant chemoradiation for advanced stage endometrial cancer: Outcomes and toxicity profiles." American Journal of Clinical Oncology 43(11): 755-761.
 13. Arden JD, Marvin K, Ye H, Juratli L, **Nandalur SR**, Al-Wahab Z, Field J, Gadzinski J, Rakowski JA, Rosen B, and **Jawad MS** (2020). "Combined adjuvant chemotherapy and radiation therapy improves disease-free survival for uterine serous cancer." Advances in Radiation Oncology 5(6): 1232-1239.
 14. Arden JD, Quinn TJ, Wilson TG, Hanna A, Baschnagel AM, and **Wilson GD** (2020). "CD44 expression is correlated with MTOR expression and p16 status in head and neck squamous cell carcinoma." International Journal of Radiation Oncology Biology Physics 108(3): E505-E505.
 15. Aso S, Navarro-Martin A, Castillo R, Padrones S, **Castillo E**, Montes A, Martínez JI, Cubero N, López R, Rodríguez L, Palmero R, Manresa F, **Guerrero T**, and Molina M (2020). "Severity of radiation pneumonitis, from clinical, dosimetric and biological features: A pilot study." Radiation Oncology 15(1): 246.
 16. Barski M, Doberstein M, Hall S, Dudley D, Howard K, Tyburski L, Lenards ND, Hunzeker A, Olson A, Drake D, **Chen PY**, **Gustafson GS**, **Jawad MS**, **Dilworth JT**, and Quinn TJ (2020). "The effect of collimator rotation on scatter contribution to organs at risk in breast cancer tangent fields." International Journal of Radiation Oncology Biology Physics 108(3): E320-E320.
 17. Boike TP, Hochstedler K, Movsas B, **Stevens CW**, Kestin LL, Devisetty K, Dominello MM, **Grills IS**, Laucis AM, Matuszak MM, Hayman JA, Paximadis P, Schipper M, and Jolly S (2020). "Predictors of early death or hospice in curative inoperable lung cancer patients." International Journal of Radiation Oncology Biology Physics 108(3): E120-E120.
 18. Bojrab DI, II, Fritz CG, Lin KF, Schutt CA, Hong RS, Babu SC, **Chen PY**, Maitz A, and Bojrab DI (2020). "Fundal fluid cap is associated with hearing preservation in the radiosurgical treatment of vestibular schwannoma." Otology & Neurotology. ePub Ahead of Print.
 19. Bryant JM, Hartsell WF, Tsai HK, Regine WF, Laramore GE, Chang J, **Stevens CW**, Vargas CE, and Chuong MD (2020). "Proton beam therapy for abdominopelvic reirradiation: Outcomes from the Proton Collaborative Group REG001-09 trial." International Journal of Radiation Oncology Biology Physics 108(3): E163-E164.
 20. Bunevicius A, Kano H, Lee CC, Krsek M, Nabeel AM, El-Shehaby A, Abdel Karim K, Martinez-Moreno N, Mathieu D, Lee JYK, **Grills I**, Kondziolka D, Martinez-Alvarez R, Reda WA, Liscak R, Su YH, Lunsford LD, Lee Vance M, and Sheehan JP (2020). "Early versus late Gamma Knife radiosurgery for Cushing's disease after prior resection: Results of an international, multicenter study." Journal of Neurosurgery 134(3): 807-815.
 21. Burke RM, Chen CJ, Ding DL, Buell TJ, Sokolowski JD, Lee CC, Kano H, Kearns KN, Tzeng SW, Yang HC, Huang PP, Kondziolka D, Ironside N, Mathieu D, Iorio-Morin C, **Grills IS**, Feliciano C, Barnett GH, Starke RM, Lunsford LD, and Sheehan JP (2020). "Early obliteration of pediatric brain arteriovenous malformations after stereotactic radiosurgery: An international multicenter study." Journal of Neurosurgery: Pediatrics 26(4): 398-405.

22. **Castillo E**, Castillo R, Vinogradskiy Y, Nair G, **Grills I**, **Guerrero T**, and **Stevens C** (2020). "Technical note: On the spatial correlation between robust CT-ventilation methods and SPECT ventilation." Medical Physics 47(11): 5731-5738.
23. **Castillo E**, Nair G, **Turner-Lawrence D**, Myziuk N, **Emerson S**, **Al-Katib S**, Westergaard S, Castillo R, Vinogradskiy Y, Quinn T, **Guerrero T**, and **Stevens C** (2020). "Quantifying pulmonary perfusion from noncontrast computed tomography." Medical Physics. ePub Ahead of Print.
24. Chang S, Liu G, Zhao L, **Dilworth JT**, **Jawad MS**, **Yan D**, **Chen PY**, **Stevens CW**, **Li X**, **Kabolizadeh P**, and **Ding X** (2020). "Spot-scanning proton arc therapy (SPArc) for left-sided breast irradiation." International Journal of Radiation Oncology Biology Physics 108(3): E73-E73.
25. Chang S, Liu G, Zhao LW, **Dilworth JT**, Zheng WL, Jawad S, **Yan D**, **Chen P**, **Stevens C**, **Kabolizadeh P**, **Li XQ**, and **Ding XF** (2020). "Feasibility study: Spot-scanning Proton Arc therapy (SPArc) for left-sided whole breast radiotherapy." Radiation Oncology 15(1): 232.
26. Chen CJ, Kearns KN, Ding D, Kano H, Mathieu D, Kondziolka D, Feliciano C, Rodriguez-Mercado R, **Grills IS**, Barnett GH, Dade Lunsford L, and Sheehan JP (2020). "Stereotactic radiosurgery for arteriovenous malformations of the basal ganglia and thalamus: An international multicenter study." Journal of Neurosurgery 132(1): 122-131.
27. Chen CJ, Lee CC, Kano H, Kearns KN, Ding D, Tzeng SW, Atik AF, Joshi K, Huang PP, Kondziolka D, Ironside N, Mathieu D, Iorio-Morin C, **Grills IS**, Quinn TJ, Siddiqui ZA, Marvin K, Feliciano C, Starke RM, Faramand A, Barnett G, Lunsford LD, and Sheehan JP (2020). "Radiosurgery for unruptured intervention-naïve pediatric brain arteriovenous malformations." Neurosurgery 87(2): 368-376.
28. Chen CJ, Lee CC, Kano H, Kearns KN, Ding DL, Tzeng SW, Atik A, Joshi K, Barnett GH, Huang PP, Kondziolka D, Mathieu D, Iorio-Morin C, **Grills IS**, Quinn TJ, Siddiqui ZA, Marvin K, Feliciano C, Faramand A, Lunsford LD, and Sheehan JP (2020). "Stereotactic radiosurgery for pediatric brain arteriovenous malformations: Long-term outcomes." Journal of Neurosurgery: Pediatrics 25(5): 497-505.
29. Chen S, **Yan D**, **Qin A**, Maniawski P, **Krauss DJ**, and **Wilson GD** (2020). "Effect of uncertainties in quantitative (18) F-FDG PET/CT imaging feedback for intratumoral dose-response assessment and dose painting by number." Medical Physics 47(11): 5681-5692.
30. Chun SG, Liao Z, Jeter MD, Chang JY, Lin SH, Komaki RU, **Guerrero TM**, Mayo RC, Korah BM, Koshy SM, Heymach JV, Koong AC, and Skinner HD (2020). "Metabolic responses to metformin in inoperable early-stage non-small cell lung cancer treated with stereotactic radiotherapy: Results of a randomized phase II clinical trial." American Journal of Clinical Oncology 43(4): 231-235.
31. Cifarelli CP, Vargo JA, Fang W, Liscak R, Guseynova K, Warnick RE, Lee CC, Yang HC, Borghei-Razavi H, Maiti T, Siddiqui ZA, Yuan JC, **Grills IS**, Mathieu D, Touchette CJ, Cordeiro D, Chiang V, Hess J, Tien CJ, Faramand A, Kano H, Barnett GH, Sheehan JP, and Lunsford LD (2020). "Role of gamma knife radiosurgery in small cell lung cancer: A multi-institutional retrospective study of the International Radiosurgery Research Foundation (IRRF)." Neurosurgery 87(4): 664-671.
32. Dess RT, Sun YL, Muenz DG, Paximadis PA, Dominello MM, **Grills IS**, Kestin LL, Movsas B, Masi KJ, Matuszak MM, Radawski JD, Moran JM, Pierce LJ, Hayman JA, Schipper MJ, and Jolly S (2020). "Cardiac dose in locally advanced lung cancer: Results from a statewide consortium." Practical Radiation Oncology 10(1): E27-E36.
33. Devisetty K, Griffith K, Boike TP, Moran JM, Radawski J, Nettleton JL, **Dilworth JT**, Walker EM, Hayman JA, Jaggi R, Pierce LJ, and Vicini FA (2020). "Trends in close margin status and radiation therapy boost in early stage breast cancer treated with breast conserving therapy." International Journal of Radiation Oncology

34. Dou Y, Kawaler EA, Cui Zhou D, Gritsenko MA, Huang C, Blumenberg L, Karpova A, Petyuk VA, Savage SR, Satpathy S, Liu W, Wu Y, Tsai C-F, Wen B, Li Z, Cao S, Moon J, Shi Z, Cornwell M, Wyczalkowski MA, Chu RK, Vasaikar S, Zhou H, Gao Q, Moore RJ, Li K, Sethuraman S, Monroe ME, Zhao R, Heiman D, Krug K, Clauser K, Kothadia R, Maruvka Y, Pico AR, Oliphant AE, Hoskins EL, Pugh SL, Beecroft SJI, Adams DW, Jarman JC, Kong A, Chang H-Y, Reva B, Liao Y, Rykunov D, Colaprico A, Chen XS, Czeakański A, Jędryka M, Matkowski R, Wiznerowicz M, Hiltke T, Boja E, Kinsinger CR, Mesri M, Robles AI, Rodriguez H, Mutch D, Fuh K, Ellis MJ, DeLair D, Thiagarajan M, Mani DR, Getz G, Noble M, Nesvizhskii AI, Wang P, Anderson ML, Levine DA, Smith RD, Payne SH, Ruggles KV, Rodland KD, Ding L, Zhang B, Liu T, Fenyö D, Agarwal A, Anurag M, Avtonomov D, Birger C, Birrer MJ, Boca SM, Bocik WE, Borate U, Borucki M, Burke MC, Cai S, Calinawan A, Carr SA, Carter S, Castro P, Cerda S, Chaikin M, Chan DW, Chan D, Charamut A, Chen F, Chen J, Chen L, Chen LS, Chesla D, Chheda MG, Chinnaiyan AM, Chowdhury S, Cieslik MP, Clark DJ, Cottingham S, Culpepper H, Day J, De Young S, Demir E, Dhanasekaran SM, Dhir R, Domagalski MJ, Dottino P, Druker B, Duffy E, Dyer M, Edwards NJ, Edwards R, Elburn K, Field JB, Francis A, Gabriel S, Geffen Y, Geiszler D, Gillette MA, Godwin AK, Grady P, Hannick L, Hariharan P, Hilsenbeck S, Hindenach B, Hoadley KA, Hong R, Hostetter G, Hsieh JJ, Hu Y, Ittmann MM, Jaehnig E, Jewell SD, Ji J, Jones CD, Karabon R, Ketchum KA, Khan M, Kim B-J, Krek A, Krubit T, Kumar-Sinha C, Lprevost FD, Lewis M, Li QK, Li Y, Liu H, Lubinski J, Ma W, Madan R, Malc E, Malovannaya A, Mareedu S, Markey SP, Marrero-Oliveras A, Martignetti J, McDermott J, McGarvey PB, McGee J, Mieczkowski P, Modugno F, Montgomery R, Newton CJ, Omenn GS, Paulovich AG, Perou AM, Petralia F, Piehowski P, Polonskaya L, Qi L, Richey S, Robinson K, Roche N, Rohrer DC, Schadt EE, Schnaubelt M, Shi Y, Skelly T, Sokoll LJ, Song X, Stein SE, Suh J, Tan D, Tansil D, Teo GC, Thangudu RR, Tognon C, Traer E, Tyner J, Um KS, Valley DR, Vatanian N, Vats P, Velvulou U, Vernon M, Wang L-B, Wang Y, Webster A, Westbrook T, Wheeler D, Whiteaker JR, **Wilson GD**, Zakhartsev Y, Zelt R, Zhang H, Zhang Y, Zhang Z and Zhao G (2020). "Proteogenomic characterization of endometrial carcinoma." Cell 180(4): 729-748.e26.
35. Fernandez C, **Grills IS**, Ye H, Hope AJ, Guckenberger M, Mantel F, Kestin LL, Belderbos J, and Werner-Wasik M (2020). "Stereotactic image guided lung radiation therapy for clinical early stage non-small cell lung cancer: A long-term report from a multi-institutional database of patients treated with or without a pathologic diagnosis." Practical Radiation Oncology 10(4): e227-e237.
36. Foster CC, Fan M, Lee NY, Yom SS, Heaton CM, **Deraniyagala R**, Amdur R, Weichselbaum RR, and Haraf DJ (2020). "Is it worth it? Consequences of definitive head and neck reirradiation." Seminars in Radiation Oncology 30(3): 212-217.
37. Grzywacz VP, Levitin R, Porter E, Siddiqui ZA, Thompson A, **Grills IS**, **Chinnaiyan P**, and **Guerrero TM** (2020). "Analysis of parotid and lacrimal gland radiation dose in hippocampal-avoiding whole brain radiation therapy." International Journal of Radiation Oncology Biology Physics 108(3): E368-E369.
38. Grzywacz VP, Quinn TJ, Reitemeier PJ, Navin MC, **Hamstra DA**, Anderson JM, **Stevens CW**, and **Kabolizadeh P** (2020). "Third party insurance providers and initial rejection of proton therapy." International Journal of Radiation Oncology Biology Physics 108(3): E420-E420.
39. Han JE, Chang J, Rosen L, Hartsell W, Tsai H, Chen J, Mishra MV, **Krauss D**, Choi JI, Simone CB, and Hasan S (2020). "Treatment interruptions affect biochemical failure rates in prostate cancer patients treated with proton beam therapy: Report from the multi-institutional proton collaborative group registry." Clinical and Translational Radiation Oncology 25: 94-101.
40. Hsu IC, Rodgers JP, Shinohara K, Purdy J, Michalski J, Roach M, 3rd, Vigneault E, Ivker RA, Pryzant RM, Kuettel M, Taussky D, **Gustafson GS**, Raben A, and Sandler HM (2020). "Long-term results of NRG oncology/RTOG 0321: A phase II trial of combined high dose rate brachytherapy and external beam radiation therapy for adenocarcinoma of the prostate." International Journal Radiation Oncology Biology Physics. ePub Ahead of Print.

41. Hung YC, Lee CC, Yang HC, Mohammed N, Kearns KN, Nabeel AM, Karim KA, Emad Eldin RM, El-Shehaby AMN, Reda WA, Tawadros SR, Liscak R, Jezkova J, Lunsford LD, Kano H, Sisterson ND, Álvarez RM, Martínez Moreno NE, Kondziolka D, Golfinos JG, **Grills I**, Thompson A, Borghei-Razavi H, Maiti TK, Barnett GH, McNerney J, Zacharia BE, Xu Z, and Sheehan JP (2020). "The benefit and risk of stereotactic radiosurgery for prolactinomas: An international multicenter cohort study." Journal of Neurosurgery 133(3): 717-726.
42. Hung YC, Mohammed N, Kearns KN, Chen CJ, Starke RM, Kano H, Lee J, Mathieu D, Kaufmann AM, Wang WG, **Grills IS**, Cifarelli CP, Vargo J, Chytka T, Janouskova L, Feliciano CE, Rodriguez-Mercado R, Lunsford LD, and Sheehan JP (2020). "Stereotactic radiosurgery for cavernous sinus versus noncavernous sinus dural arteriovenous fistulas: Outcomes and outcome predictors." Neurosurgery 86(5): 676-684.
43. Ionescu F, Grasso-Knight G, **Castillo E**, Naeem E, Petrescu I, Imam Z, Patel VK, Narasimhan M, and Nair GB (2020). "Therapeutic anticoagulation delays death in COVID-19 patients: Cross-sectional analysis of a prospective cohort." TH Open 4(3): e263-e270.
44. Ionescu F, Jaiyesimi I, Petrescu I, Lawler PR, **Castillo E**, Munoz-Maldonado Y, Imam Z, Narasimhan M, **Abbas AE**, Konde A, and Nair GB (2020). "Association of anticoagulation dose and survival in hospitalized COVID-19 patients: A retrospective propensity score-weighted analysis." European Journal of Haematology. ePub Ahead of Print.
45. Jackson WC, Hartman HE, Dess RT, Birer SR, Soni PD, Hearn JWD, Reichert ZR, Kishan AU, Mahal BA, Zumsteg ZS, Efstathiou JA, Kaffenberger S, Morgan TM, Mehra R, Showalter TN, **Krauss DA**, Nguyen PL, Schipper MJ, Feng FY, Sandler HM, Hoskin PJ, Roach M, 3rd, and Spratt DE (2020). "Addition of androgen-deprivation therapy or brachytherapy boost to external beam radiotherapy for localized prostate cancer: A network meta-analysis of randomized trials." Journal of Clinical Oncology 38(26):3024-3031.
46. Jaggi R, Griffith KA, Vicini F, Boike T, Burmeister J, Dominello MM, **Grills I**, Hayman JA, Moran JM, Paximadis P, Radawski JD, Walker EM, and Pierce LJ (2020). "Toward improving patients' experiences of acute toxicity from breast radiotherapy: Insights from the analysis of patient-reported outcomes in a large multicenter cohort." Journal of Clinical Oncology 38(34): 4019-4029.
47. Jahshan A, Quinn TJ, Johnson MC, Mankuzhy N, Almahariq MF, Barski M, Ye H, **Guerrero TM**, **Stevens CW**, and **Grills IS** (2020). "Dose-escalated radiation therapy with a simultaneous integrated boost with or without adjuvant immunotherapy for locally advanced non-small cell lung cancer." International Journal of Radiation Oncology, Biology, Physics 108(3): e95-e95.
48. Kano H, Jacobs R, Yang H-C, Lee C-CJ, Nabeel A, Abdelkarim K, Emad R, El-Shehaby A, Reda W, Tawadros S, Khalil P, Liscak R, Guseynova K, Touchette C, Mathieu D, Ren L, Sheehan JP, Mohammed N, Speckter H, Almahariq M, **Grills I**, Feliciano CE, Rodriguez-Mercado R, and Lunsford LD (2020). "Stereotactic radiosurgery for hemorrhagic symptomatic cerebral cavernous malformations: An international multicenter study." Neurosurgery 67(Supplement_1): nyaa447_370.
49. Kant S, Kesarwani P, Guastella AR, Kumar P, Graham SF, Buelow KL, Nakano I, and **Chinnaiyan P** (2020). "Perhexiline demonstrates FYN-mediated antitumor activity in glioblastoma." Molecular Cancer Therapeutics 19(7): 1415-1422.
50. Kant S, Kesarwani P, Prabhu A, Graham SF, Buelow KL, Nakano I, and **Chinnaiyan P** (2020). "Enhanced fatty acid oxidation provides glioblastoma cells metabolic plasticity to accommodate to its dynamic nutrient microenvironment." Cell Death & Disease 11(4): 253.
51. Kaufman CS, Cross MJ, Barone JL, Dekhne NS, Devisetty K, **Dilworth JT**, Edmonson DA, Eladoumikhachi FG, Gass JS, Hall WH, 3rd, Hong RL, Kuske RR, Patton BJ, Perelson C, Phillips RF, Smith AB, Smith LA, Tafra L, and

- Lebovic GS (2020). "A three-dimensional bioabsorbable tissue marker for volume replacement and radiation planning: A multicenter study of surgical and patient-reported outcomes for 818 patients with breast cancer." Annals of Surgical Oncology. ePub Ahead of Print.
52. Kishan A, Levin-Epstein R, Romero T, Wong JK, Dess R, Moran B, Merrick G, Tran P, Stish B, **Krauss D**, Wedde T, Stock R, Tward J, Horwitz E, and Tendulkar R (2020). "Patterns of clinical progression in radiorecurrent high risk prostate cancer and impact of initial treatment selection." International Journal of Radiation Oncology Biology Physics 108(2): E22-E22.
 53. Kishan A, Karnes RJ, Romero T, Motterle G, Tendulkar R, Klein E, Wong JK, Horwitz E, Tward J, Dess R, Wedde T, Lilleby W, Merrick G, Stock R, **Krauss D**, Tran P, Moran B, Spratt D, Stish B, Davis B, Levin-Epstein R, Reddy C, Stephenson A, Braccioforte M, Fiano R, King C, Rettig M, Steinberg M, Nickols N, Elashoff D, Demanes DJ, Reiter R, and Tilki D (2020). "Treatment intensification and outcome in high-risk prostate cancer: A multi-institutional consortium analysis." Journal of Urology 203(Supplement 4): e1293-e1293.
 54. Klement RJ, Sonke JJ, Allgauer M, Andratschke N, Appold S, Belderbos J, Belka C, Blanck O, Dieckmann K, Eich HT, Mantel F, Eble M, Hope A, Grosu AL, Nevinny-Stickel M, Semrau S, Sweeney RA, Horner-Rieber J, Werner-Wasik M, Engenhardt-Cabillic R, Ye H, **Grills I**, and Guckenberger M (2020). "Correlating dose variables with local tumor control in stereotactic body radiation therapy for early-stage non-small cell lung cancer: A modeling study on 1500 individual treatments." International Journal of Radiation Oncology Biology Physics 107(3): 579-586.
 55. Klement RJ, Sonke JJ, Allgauer M, Andratschke N, Appold S, Belderbos J, Belka C, Dieckmann K, Eich HT, Flentje M, **Grills I**, Eble M, Hope A, Grosu AL, Semrau S, Sweeney RA, Hörner-Rieber J, Werner-Wasik M, Engenhardt-Cabillic R, Ye H, and Guckenberger M (2020). "Estimation of the α/β ratio of non-small cell lung cancer treated with stereotactic body radiotherapy." Radiotherapy and Oncology 142: 210-216.
 56. Knill C, Sandhu R, Halford R, Lin L, **Seymour ZA**, **Grills I**, and **Chinnaiyan P** (2020). "Clinical implementation of a new single-isocenter multiple-target cranial optimization algorithm." Medical Physics 47(6).
 57. Laucis AM, Jagis R, Griffith KA, Dominello MM, Walker EM, Abu-Isa EI, **Dilworth JT**, Vicini F, Kocheril PG, Browne CH, Mietzel MA, Moran JM, Hayman JA, and Pierce LJ (2020). "The role of facility variation on racial disparities in use of hypofractionated whole breast radiotherapy." International Journal of Radiation Oncology, Biology, Physics 107(5): 949-958.
 58. Levin-Epstein R, Romero T, Wong JK, Cook K, Dess RT, Spratt DE, Moran BJ, Merrick GS, Tran PT, Demanes DJ, Stish BJ, **Krauss DJ**, Wedde TB, Lilleby W, Stock R, Tward JD, Steinberg ML, Horwitz EM, Tendulkar RD, and Kishan AU (2020). "Impact of initial treatment selection on clinical outcomes after biochemical failure in radiorecurrent high-risk prostate cancer." Journal of Clinical Oncology 38(6): 208.
 59. **Li X**, **Ding X**, Zheng W, Liu G, Janssens G, Souris K, Montero AB, **Yan D**, **Stevens CW**, and **Kabolizadeh P** (2020). "A novel linear energy transfer integrated spot-scanning proton arc therapy algorithm: Feasibility study and clinical potential." International Journal of Radiation Oncology Biology Physics 108(3): S187-S187.
 60. Liu G, **Li X**, Zhao L, Zheng W, **Qin A**, Zhang S, **Stevens C**, **Yan D**, **Kabolizadeh P**, and **Ding X** (2020). "A novel energy sequence optimization algorithm for efficient spot-scanning proton arc (SPArc) treatment delivery." Acta Oncologica 59(10): 1178-1185.
 61. Liu G, **Li XQ**, **Qin A**, Zheng WL, **Yan D**, Zhang S, **Stevens C**, **Kabolizadeh P**, and **Ding XF** (2020). "Improve the dosimetric outcome in bilateral head and neck cancer (HNC) treatment using spot-scanning proton arc (SPArc) therapy: A feasibility study." Radiation Oncology 15(1): 21.
 62. Mankuzhy N, Jahshan A, Quinn TJ, Almahariq MF, Qu L, and **Grills IS** (2020). "An efficient and objective

- method for identifying radiation-related cardiac toxicity after definitive conventional radiation for locally advanced non-small cell lung cancer." International Journal of Radiation Oncology, Biology, Physics 108(3): e84-e84.
63. Mankuzhy NP, Almahariq MF, Siddiqui ZA, Thompson AB, **Grills IS, Guerrero TM, Lee KC, Stevens CW**, and Quinn TJ (2020). "The role of postoperative radiation therapy for pN2 non-small-cell lung cancer." Clinical Lung Cancer. ePub Ahead of Print.
 64. Mankuzhy NP, Almahariq MF, Ye H, Amin M, Stone B, and **Krauss DJ** (2020). "Investigation of the prognostic significance of neuroendocrine differentiation in Gleason Score 7 to 10 prostate adenocarcinoma in patients with distant metastasis after definitive radiotherapy." American Journal of Clinical Pathology. ePub Ahead of Print.
 65. Mankuzhy N, Almahariq MF, **Stevens C**, and Quinn T (2020). "High lymph node positive to sampled ratio as a potential indication for postoperative radiation therapy in patients with pN2 non-small-cell lung cancer." Journal of Cancer Immunology 2(4): 207-210.
 66. Marples B and **Wilson GD** (2020). "Predicting outcome using genomic-based liquid biomarkers." International Journal of Radiation Oncology Biology Physics 106(1): 1-4.
 67. **McDermott PN** (2020). "Surface dose and acute skin reactions in external beam breast radiotherapy." Medical Dosimetry 45(2): 153-158.
 68. **McDermott PN** (2020). "Photon skyshine from medical linear accelerators." Journal of Applied Clinical Medical Physics 21(3): 108-114.
 69. McFarlane M, Hochstedler K, Laucis AM, Sun Y, Chowdhury A, Matuszak MM, Hayman JA, Bergsma DP, Boike TP, Kestin LL, Movsas B, **Grills IS**, Dominello MM, Dess RT, Schonewolf CA, Spratt DE, Pierce LJ, Paximadis P, Jolly S, and Schipper M (2020). "Predictors of pneumonitis after lung cancer radiotherapy." International Journal of Radiation Oncology Biology Physics 108(3): S139-S139.
 70. Mohammed N, Hung YC, Chen CJ, Xu Z, Schlesinger D, Kano H, Chiang V, Hess J, Lee J, Mathieu D, Kaufmann AM, **Grills IS**, Cifarelli CP, Vargo JA, Chytka T, Janouskova L, Feliciano CE, Mercado RR, Lunsford LD, and Sheehan JP (2020). "A proposed grading scale for predicting outcomes after stereotactic radiosurgery for dural arteriovenous fistulas." Neurosurgery 87(2): 247-255.
 71. Nair GB, **Castillo E**, Myzuik N, **Grills I, Stevens C**, and **Guerrero T** (2020). "Differential ventilation pattern on novel functional imaging in a patient with unilateral bronchial obstruction caused by adenoid cystic carcinoma." American Journal of Respiratory & Critical Care Medicine 201(3): e6-e7.
 72. Nair GB, Al-Katib S, and **Castillo E** (2020). "Pulmonary blood mass and quantitative lung function imaging in idiopathic pulmonary fibrosis." Radiology: Cardiothorac Imaging 2(3): e200003.
 73. Nair GB, Galban CJ, Al-Katib S, Podolsky R, van den Berge M, **Stevens C**, and **Castillo E** (2020). "An assessment of the correlation between robust CT-derived ventilation and pulmonary function test in a cohort with no respiratory symptoms." British Journal of Radiology. ePub Ahead of Print.
 74. Nair GB, Al-Katib S, Turner-Lawrence D, Khasawneh M, Myziuk N, **Guerrero T**, Podolsky R, and **Castillo E** (2020). "A prospective study to validate pulmonary blood mass changes on non-contrast 4DCT in pulmonary embolism patients." Clinical Imaging. ePub Ahead of Print.
 75. Parzen JS, Hartsell W, Chang J, Apisarnthanarax S, Molitoris J, Durci M, Tsai H, Urbanic J, Ashman J, Vargas C, **Stevens C**, and **Kabolizadeh P** (2020). "Hypofractionated proton beam radiotherapy in patients with

- unresectable liver tumors: multi-institutional prospective results from the Proton Collaborative Group." Radiation Oncology 15(1): 255.
76. Parzen JS, **Stevens CW**, and **Kabolizadeh P** (2020). "Multi-institutional prospective registry of hypofractionated proton beam radiotherapy in patients with unresectable liver tumors." International Journal of Radiation Oncology Biology Physics 108(3): E603-E603.
 77. Parzen JS, Ye H, **Gustafson G**, **Yan D**, Martinez A, **Chen PY**, Ghilezan M, Sebastian E, Limbacher A, and **Krauss DJ** (2020). "Rates of rectal toxicity in patients treated with high dose rate brachytherapy as monotherapy compared to dose-escalated external beam radiation therapy for localized prostate cancer." Radiotherapy and Oncology 147: 123-129.
 78. Peng Y, Chen S, **Qin A**, Chen M, Gao X, Liu Y, Miao J, Gu H, Zhao C, Deng X, and Qi Z (2020). "Magnetic resonance-based synthetic computed tomography images generated using generative adversarial networks for nasopharyngeal carcinoma radiotherapy treatment planning." Radiotherapy and Oncology 150: 217-224.
 79. Pinatti LM, Sinha HN, Brummel CV, Goudsmit CM, Geddes TJ, **Wilson GD**, Akervall JA, Brenner CJ, Walline HM, and Carey TE (2020). "Association of human papillomavirus integration with better patient outcomes in oropharyngeal squamous cell carcinoma." Head and Neck. ePub Ahead of Print.
 80. Porter E, Fuentes P, Siddiqui Z, Thompson A, Levitin R, Solis D, Myziuk N, and **Guerrero T** (2020). "Hippocampus segmentation on noncontrast CT using deep learning." Medical Physics 47(7): 2950-2961.
 81. Prabhu RS, Turner BE, Asher AL, Marcrom S, Fiveash JB, Foreman PM, Press RH, Buchwald Z, Curran WJ, Patel KR, Breen W, Brown PD, Jethwa K, **Grills IS**, Arden J, Foster LM, Manning MA, Vaslow Z, Burri S, and Soltys SG (2020). "Leptomeningeal disease after surgical resection and radiosurgery for brain metastases and neurologic death: A multi-institutional analysis." Journal of Clinical Oncology 38(15_suppl): 2524-2524.
 82. **Qin A**, Chen S, Liu G, **Li X**, Zheng W, **Deraniyagala RL**, **Kabolizadeh P**, **Stevens CW**, **Yan D**, and **Ding X** (2020). "The feasibility and accuracy of utilizing CBCT and Generative-Adversarial-Network (GAN) to perform proton treatment dose evaluation for lung and head and neck patients." International Journal of Radiation Oncology Biology Physics 108(3): S41-S42.
 83. Quinn TJ, Daignault-Newton S, Bosch W, Mariados N, Sylvester J, Shah D, Gross E, Hudes R, Beyer D, Kurtzman S, Bogart J, Hsi RA, Kos M, Ellis R, Logsdon M, Zimberg S, Forsythe K, Zhang H, Soffen E, Francke P, Mantz C, DeWeese T, Gay HA, Michalski J, and **Hamstra DA** (2020). "Who benefits from a prostate rectal spacer? Secondary analysis of a phase III trial." Practical Radiation Oncology 10(3): 186-194.
 84. Quinn TJ and **Kabolizadeh P** (2020). "Racial disparity of stage III rectal cancer among young adults: A combined NCDB/SEER analysis." Journal of Clinical Oncology 38(4): 85.
 85. Quinn TJ and **Kabolizadeh P** (2020). "Rectal cancer in young patients: incidence and outcome disparities." Journal of Gastrointestinal Oncology 11(5): 880-893.
 86. Quinn TJ, Rajagopalan MS, Gill B, Mehdiabadi SM, and **Kabolizadeh P** (2020). "Patterns of care and outcomes for adjuvant treatment of pT3N0 rectal cancer using the National Cancer Database." Journal of Gastrointestinal Oncology 11(1): 1-12.
 87. Rusthoven CG, Yamamoto M, Bernhardt D, Smith DE, Gao D, Serizawa T, Yomo S, Aiyama H, Higuchi Y, Shuto T, Akabane A, Sato Y, Niranjana A, Faramand AM, Lunsford LD, McInerney J, Tuanquin LC, Zacharia BE, Chiang V, Singh C, Yu JB, Braunstein S, Mathieu D, Touchette CJ, Lee CC, Yang HC, Aizer AA, Cagney DN, Chan MD, Kondziolka D, Bernstein K, Silverman JS, **Grills IS**, Siddiqui ZA, Yuan JC, Sheehan JP, Cordeiro D, Nosaki K, Seto T, Deibert CP, Verma V, Day S, Halasz LM, Warnick RE, Trifiletti DM, Palmer JD, Attia A, Li B, Cifarelli CP,

- Brown PD, Vargo JA, Combs S, Kessel KA, Rieken S, Patel S, Guckenberger M, Andratschke N, Kavanagh BD, and Robin TP (2020). "Evaluation of first-line radiosurgery vs whole-brain radiotherapy for small cell lung cancer brain metastases: The FIRE-SCLC cohort study." JAMA Oncology 6(7): 1028-1037.
88. Saeed AM, Khairnar R, Sharma AM, Larson GL, Tsai HK, Wang CJ, Halasz LM, **Chinnaiyan P**, Vargas CE, and Mishra MV (2020). "Clinical outcomes in patients with recurrent glioblastoma treated with proton beam therapy reirradiation: Analysis of the multi-institutional proton collaborative group registry." Advances in Radiation Oncology 5(5): 978-983.
89. Sahebjam S, Forsyth PA, Tran ND, Arrington JA, Macaulay R, Etame AB, Walko CM, Boyle T, Peguero EN, Jaglal M, Mokhtari S, Enderling H, Raghunand N, Gatewood T, Long W, Dzierzeski JL, Evernden B, Robinson T, Wicklund MC, Kim S, Thompson ZJ, Chen DT, **Chinnaiyan P**, and Yu HM (2020). "Hypofractionated stereotactic re-irradiation with pembrolizumab and bevacizumab in patients with recurrent high-grade gliomas: Results from a phase I study." Neuro-oncology. ePub Ahead of Print.
90. Salari K, Porter E, Levitin R, Siddiqui ZA, Thompson A, **Deraniyagala RL**, and **Guerrero TM** (2020). "Validation of deep-learning based auto-segmentation of the lens, optic nerves, and chiasm for stereotactic radiosurgery." International Journal of Radiation Oncology Biology Physics 108(3): E784-E785.
91. Sandhu R, Knill C, **Seymour ZA**, **Grills I**, and **Chinnaiyan P** (2020). "Dosimetric impact of distortion correction of MR image set for cranial stereotactic radiation treatments." Medical Physics Journal 47(6): 53008.
92. Sandler KA, Cook RR, Ciezki JP, Ross AE, Pomerantz MM, Nguyen PL, Shaikh T, Tran PT, Stock RG, Merrick GS, Demanes DJ, Spratt DE, Abu-Isa EI, Wedde TB, Lilleby W, **Krauss DJ**, Shaw GK, Alam R, Reddy CA, Song DY, Klein EA, Stephenson AJ, Tosoian JJ, Hegde JV, Yoo SM, Fiano R, D'Amico AV, Nickols NG, Aronson WJ, Sadeghi A, Greco SC, Deville C, Jr., McNutt T, DeWeese TL, Reiter RE, Said JW, Steinberg ML, Horwitz EM, Kupelian PA, King CR, and Kishan AU (2020). "Prostate-only versus whole-pelvis radiation with or without a brachytherapy boost for Gleason Grade Group 5 prostate cancer: A retrospective analysis." European Urology 77(1): 3-10.
93. Sebai M, Almahariq MF, **Dilworth JT**, Karabon P, Kalthoff R, Kiran S, and Dekhne N (2020). "National trends for intra-operative radiation therapy in favorable, early-stage breast cancer: A propensity scoring analysis of the National Cancer Database." Annals of Surgical Oncology 27(2): S514.
94. **Seymour ZA**, Chan JW, Sneed PK, Kano H, Lehocky CA, Jacobs RC, Ye H, Chytka T, Liscak R, Lee CC, Yang HC, Ding D, Sheehan J, Feliciano CE, Rodriguez-Mercado R, Chiang VL, Hess JA, Sommaruga S, McShane B, Lee J, Vasas LT, Kaufmann AM, **Grills I**, and McDermott MW (2020). "Dose response and architecture in volume staged radiosurgery for large arteriovenous malformations: A multi-institutional study." Radiotherapy and Oncology 144: 180-188.
95. **Seymour ZA**, **Hamstra DA**, Daignault-Newton S, Bosch W, Michalski J, Gay HA, and Pinkawa M (2020). "Long-term follow-up after radiotherapy for prostate cancer with and without rectal hydrogel spacer: a pooled prospective evaluation of bowel-associated quality of life." BJU International 126(3): 367-372.
96. **Seymour ZA**, **Hamstra DA**, Daignault-Newton S, Thompson A, Sanda MG, Michalski JM, Zietman AL, Kuban DA, Ciezki JP, Kaplan ID, Collins SP, Suy S, Mantz CA, Chang P, Chen RC, and Fuller DB (2020). "External validation of early Quality of Life (QOL) declines correlated with late QOL after intensity modulated, low dose rate brachytherapy, or stereotactic radiation for prostate cancer within a prospective trial." International Journal of Radiation Oncology, Biology, Physics 108(3): S69-S69.
97. Siddiqui ZA, Squires BS, Johnson MD, Baschnagel AM, **Chen PY**, **Krauss DJ**, Olson RE, Meyer KD, and **Grills IS** (2020). "Predictors of radiation necrosis in long-term survivors after Gamma Knife stereotactic radiosurgery for brain metastases." Neuro-Oncology Practice 7(4): 400-408.

98. Snyder M, Vadas J, Musselwhite J, Halford R, **Wilson G, Stevens C,** and **Yan D** (2020). "Technical note: FLASH radiotherapy monitor chamber signal conditioning." Medical Physics. ePub Ahead of Print.
99. Sponagel J, Zhang SS, Jones J, **Chinnaiyan P,** Rubin J, and Ippolito J (2020). "Sex differences in redox state underlie glutamine dependency in male glioblastoma." Neuro-oncology 22: 221-221.
100. Squires BS, Quinn TJ, **Nandalur SR,** and **Jawad MS** (2020). "Adjuvant radiotherapy improves overall survival when added to surgery and chemotherapy for endometrial carcinosarcoma: A surveillance, epidemiology, and end results analysis." International Journal of Radiation Oncology Biology Physics 108(3): E459-E459.
101. Starke RM, McCarthy DJ, Chen CJ, Kano H, McShane B, Lee J, Mathieu D, Vasas LT, Kaufmann AM, Wang WG, **Grills IS,** Patibandla MR, Cifarelli CP, Paisan G, Vargo JA, Chytka T, Janouskova L, Feliciano CE, Rodriguez-Mercado R, Tonetti DA, Lunsford LD, and Sheehan JP (2020). "Evaluation of stereotactic radiosurgery for cerebral dural arteriovenous fistulas in a multicenter international consortium." Journal of Neurosurgery 132(1): 114-121.
102. Starke RM, McCarthy DJ, Chen CJ, Kano H, McShane BJ, Lee J, Patibandla MR, Mathieu D, Vasas LT, Kaufmann AM, Wang WG, **Grills IS,** Cifarelli CP, Paisan G, Vargo J, Chytka T, Janouskova L, Feliciano CE, Sujjantararat N, Matouk C, Chiang V, Hess J, Rodriguez-Mercado R, Tonetti DA, Lunsford LD, and Sheehan JP (2020). "Hemorrhage risk of cerebral dural arteriovenous fistulas following Gamma Knife radiosurgery in a multicenter international consortium." Journal of Neurosurgery 132(4): 1209-1217.
103. Taylor DG, Janssen A, Ding DL, Xu ZY, Mehta GU, Liscak R, Kano H, Kosak M, Martinez-Moreno N, Hobbs L, Chen CJ, **Grills IS,** Mathieu D, Lunsford LD, Vance ML, and Sheehan JP (2020). "Whole sella vs targeted stereotactic radiosurgery for acromegaly: A multicenter matched cohort study." Neurosurgery 86(5): 656-664.
104. Thompson AB and **Hamstra DA** (2020). "Rectal spacer usage with proton radiation therapy for prostate cancer." International Journal of Radiation Oncology Biology Physics 108(3): 644-648.
105. Thompson AB, Quinn TJ, Siddiqui ZA, Almahariq MF, **Grills IS,** and **Stevens CW** (2020). "Addition of radiotherapy to surgery and chemotherapy improves survival in localized malignant pleural mesothelioma: A Surveillance, Epidemiology, and End Results (SEER) study." Lung Cancer 146: 120-126.
106. Tseng YD, Mohindra P, Pankuch M, McGee LA, Rossi CJ, Flampouri S, Hajj C, Molitoris JK, Chang JHC, Tsai HK, **Stevens CW,** Rosen LR, Vargas CE, and Hartsell WF (2020). "Selection of mediastinal lymphoma patients for proton therapy in a prospective multi-institutional registry: Concordance with the ILROG Guidelines." International Journal of Radiation Oncology Biology Physics 108(3): S140-S140.
107. Vayntraub A, Quinn TJ, and **Deraniyagala RL** (2020). "Merkel cell carcinoma is associated with improved survival with use of radiation therapy and worse survival with chemotherapy: A SEER analysis." International Journal of Radiation Oncology Biology Physics 108(3): E13-E13.
108. Vayntraub A, Quinn TJ, Thompson AB, **Chen PY, Gustafson GS, Jawad MS,** and **Dilworth JT** (2020). "Left anterior descending artery avoidance in patients receiving breast irradiation." Medical Dosimetry. ePub Ahead of Print.
109. Vinogradskiy Y, Diot Q, Jones B, Castillo R, **Castillo E,** Kwak J, Bowles D, **Grills I,** Myziuk N, **Guerrero T, Stevens C,** Scheffer T, Gaspar LE, Kavanagh B, Miften M, and Rusthoven C (2020). "Evaluating positron emission tomography-based functional imaging changes in the heart After chemo-radiation for patients with lung cancer." International Journal of Radiation Oncology Biology Physics 106(5): 1063-1070.
110. Vu CC, **Jawad MS,** and **Krauss DJ** (2020). "The cost-effectiveness and value proposition of brachytherapy." Seminars in Radiation Oncology 30(1): 87-93.

111. Vu CC, Siddiqui ZA, Zamdborg L, Thompson AB, Quinn TJ, **Castillo E**, and **Guerrero TM** (2020). "Deep convolutional neural networks for automatic segmentation of thoracic organs-at-risk in radiation oncology: Use of non-domain transfer learning." Journal of Applied Clinical Medical Physics 21(6): 108-113.
112. **Wilson GD**, Wilson TG, Hanna A, Dabjan M, Buelow K, Torma J, Marples B, and Galoforo S (2020). "Dacomitinib and gedatolisib in combination with fractionated radiation in head and neck cancer." Clinical and Translational Radiation Oncology 26: 15-23.
113. **Wilson GD**, Wilson TG, Hanna A, Fontanesi G, Kulchyski J, Buelow K, Pruetz BL, Michael DB, **Chinnaiyan P**, Maddens ME, Martinez AA, and Fontanesi J (2020). "Low dose brain irradiation reduces amyloid- β and Tau in 3xTg-AD mice." Journal of Alzheimer's Disease 75(1): 15-21.
114. **Wilson G**, Arden J, Quinn T, Wilson T, Hanna A, Barker K, **Deraniyagala R**, and Baschnagel AM (2020). "Automated quantification of CD44, c-MET, EGFR, MTOR, and GLUT1 expression in head and neck squamous cell carcinoma: The impact of p16 status and response to chemoradiation." Clinical Oncology and Research 2020(6): 1-10.
115. **Wilson GD**, Mehta MP, Welsh JS, Chakravarti A, Rogers CL, and Fontanesi J (2020). "Investigating low-dose thoracic radiation as a treatment for COVID-19 patients to prevent respiratory failure." Radiation Research 194(1): 1-8.
116. Wilson TG, Hanna A, Recknagel J, Pruetz BL, Baschnagel AM, and **Wilson GD** (2020). "Prognostic significance of MTOR expression in HPV positive and negative head and neck cancers treated by chemoradiation." Head and Neck 42(2): 153-162.
117. Won KB, Lee BK, Park HB, Heo R, Lee SE, Rizvi A, Lin FY, Kumar A, Hadamitzky M, Kim YJ, Sung JM, Conte E, Andreini D, Pontone G, Budoff MJ, Gottlieb I, Chun EJ, Cademartiri F, Maffei E, Marques H, De Araújo Gonçalves P, Leipsic JA, Shin S, Choi JH, Virmani R, Samady H, **Chinnaiyan K**, **Raff GL**, Stone PH, Berman DS, Narula J, Shaw LJ, Bax JJ, Min JK, and Chang HJ (2020). "Quantitative assessment of coronary plaque volume change related to triglyceride glucose index: The Progression of Atherosclerotic Plaque Determined by Computed Tomographic Angiography IMaging (PARADIGM) registry." Cardiovascular Diabetology 19(1): 113.
118. Wren JD, Bai Y, Qin ZS, **Yan D**, and Homayouni R (2020). "Proceedings of the 2019 MidSouth Computational Biology and Bioinformatics Society (MCBIOS) conference." BMC Bioinformatics 21(Suppl 4): 254.
119. **Yan D**, Chen S, **Krauss DJ**, **Deraniyagala R**, **Chen P**, Ye H, and **Wilson G** (2020). "Inter/intra-tumoral dose response variations assessed using FDG-PET/CT feedback images: Impact on tumor control and treatment dose prescription." Radiotherapy & Oncology. ePub Ahead of Print.
120. Ye H, Rutka E, and **Robertson J** (2020). "Identifying priority action for improving patient satisfaction in outpatient cancer care." International Journal of Radiation Oncology Biology Physics 108(3): E226-E226.
121. Yilmaz A, Ugur Z, Bisgin H, Akyol S, Bahado-Singh R, **Wilson G**, Imam K, Maddens ME, and Graham SF (2020). "Targeted metabolic profiling of urine highlights a potential biomarker panel for the diagnosis of Alzheimer's Disease and mild cognitive impairment: A pilot study." Metabolites 10(9): 357.
122. Yorke AA, Solis D, Jr., and **Guerrero T** (2020). "A feasibility study to estimate optimal rigid-body registration using combinatorial rigid registration optimization (CORRO)." Journal of Applied Clinical Medical Physics 21(11): 14-22.

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1. Abbas AE, Mando R, Hanzel G, Goldstein J, **Shannon F**, and Pibarot P (2020). "Hemodynamic principles of prosthetic aortic valve evaluation in the transcatheter aortic valve replacement era." Echocardiography 37(5): 738-757.
2. Abbas AE, Mando R, Hanzel GS, **Shannon F**, Gallagher M, Kassas S, Al-Azizi K, Christensen J, Szerlip M, Potluri S, Harrington K, and Mack M (2020). "Immediate post-TAVR simultaneous echocardiographic and invasive mean gradients in balloon vs. self-expanding valves: A multi-center retrospective study." Journal of the American College of Cardiology 75(11): 1490.
3. Abbas AE, Mando R, Ternacle J, Pibarot P, Rodes-Cabau J, Guimaraes L, Hanzel GS, Sigua-Arce P, Safian RD, Lau W, and **Shannon F** (2020). "The impact of aortic valve velocity and mean gradient on the incidence and severity of prosthesis patient mismatch following TAVR." Journal of the American College of Cardiology 75(11): 1489-1489.
4. Abdu R, Vasyluk A, Reddy N, Huang LC, Halka JT, DeMare A, **Janczyk R**, and **Iacco A** (2020). "Hybrid robotic transversus abdominis release versus open: propensity-matched analysis of 30-day outcomes." Hernia. ePub Ahead of Print.
5. Al-Hadidi A, Alslaim H, Ghawanmeh M, Alfarajat F, Habra H, Brahmamdam P, and **Novotny N** (2020). "Short-term surgical trips: Local collaboration and its effects on complications and patient satisfaction." Pediatric Surgery International 36(8): 977-981.
6. Al-Hadidi A, Lapkus M, Karabon P, **Akay B**, and Khandhar P (2020). "Respiratory modalities in preventing reintubation in a pediatric intensive care unit." Global Pediatric Health. ePub Ahead of Print.
7. Al-Hadidi A, Lapkus M, **Novotny NM**, Gowans LK, Chen PY, and **Stallion A** (2020). "Wilms tumor with pleural metastasis." Global Pediatric Health 7: 2333794X20952292-2333794X20952292.
8. Allen M, Spillinger A, Arianpour K, Johnson J, Johnson AP, **Folbe AJ**, Hotaling J, and Svider PF (2020). "Tracheal resection in the management of thyroid cancer: An evidence-based approach." Laryngoscope. ePub Ahead of Print.
9. Almahariq MF, Chen PY, **Dekhne N**, and Dilworth JT (2020). "ASO author reflections: Omission of axillary lymph node dissection for breast cancer patients with residual N1 nodal disease following neoadjuvant chemotherapy: Not ready for primetime?" Annals of Surgical Oncology 27(Suppl 3):869-870.
10. Alslaim HS, Banooni AB, Shaltaf A, and **Novotny NM** (2020). "Tracheoesophageal fistula in the developing world: are we ready for thoracoscopic repair?" Pediatric Surgery International 36(5): 649-654.
11. Angus A, DeMare A, and **Iacco A** (2020). "Evaluating outcomes for robotic-assisted inguinal hernia repair in males with prior urologic surgery: A propensity-matched analysis from a national database." Surgical Endoscopy. ePub Ahead of Print.
12. Angus A, DeMare A, Kawak S, Rizk M, Pastewski J, Burk C, Mahmoudian C, Khandhar P, and **Stallion A** (2020). "Splenic trauma in a patient with heterotaxy: A case report and brief review of laterality defects." Critical Care Medicine 48(1): 881.
13. Assar S, Mando R, Gaines R, Hanzel GS, **Shannon F**, Hanson I, Lau W, Almany S, Safian RD, Kerner N, Gallagher M, Vivacqua A, and Abbas AE (2020). "The effect of flow and gradient on the acceleration and ejection times and their ratio in patients with severe aortic stenosis." Journal of the American College of Cardiology 75(11): 1602.

14. Barbat A, Oska S, Partiali B, **Folbe A**, and Jacob J (2020). "Gender and ethnic diversity in diagnostic and interventional radiology trainees, 2014-2019: Has the recently introduced Integrated Interventional Radiology program changed anything?" Academic Radiology. ePub Ahead of Print.
15. Barbat A, Partiali B, Oska S, and **Folbe A** (2020). "Head, face, and neck fractures secondary to ladder-related injuries treated in United States emergency departments in 2009-2018." Journal of Emergency Medicine (0736-4679) 59(2): 186-192.
16. Berry C, Khabele D, Johnson-Mann C, Henry-Tillman R, Joseph KA, Turner P, Pugh C, Fayanju OM, Backhus L, Sweeting R, Newman EA, Oseni T, Hasson RM, White C, Cobb A, Johnston FM, **Stallion A**, Karpel M, Nwariaku F, Rodriguez LM, and Jordan AH (2020). "A call to action: Black/African American women surgeon scientists, where are they?" Annals of Surgery 272(1):24-29.
17. **Bojrab DI, II**, Fritz CG, Lin KF, **Schutt CA**, **Hong RS**, **Babu SC**, Chen PY, Maitz A, and **Bojrab DI** (2020). "Fundal fluid cap is associated with hearing preservation in the radiosurgical treatment of vestibular schwannoma." Otology & Neurotology. ePub Ahead of Print.
18. **Chaiyasate K**, Oliver LN, Kreitzberg SA, Lyons M, Goldman J, Lu SM, Bastiaans T, Lumley C, and Sachanandani NS (2020). "Use of pericranial flaps with dermal substitute for scalp reconstruction: A case series." Plastic and Reconstructive Surgery 8(8): e3011.
19. Clark JM, Kozower BD, Kosinski AS, Chang A, Broderick SR, David EA, Block M, Schipper PH, **Welsh RJ**, Seder CW, Farjah F, and Brown LM (2020). "Variability in smoking status for lobectomy among Society of Thoracic Surgeons database participants." Annals of Thoracic Surgery. ePub Ahead of Print.
20. Conway RM, White GZ, and **Thottam PJ** (2020). "The burden of laryngomalacia and its effects on caregivers: A support group survey evaluation." International Journal of Pediatric Otorhinolaryngology 138: 110368.
21. Cowan B, Oska S, Arianpour K, Svider PF, **Bojrab D**, and **Hong RS** (2020). "A systematic review of cochlear implantation in temporal bone fractures and the significance of otic capsule involvement." Otology & Neurotology 41(10): 1309-1315.
22. DeMare AM, Luehmann NC, Kawak S, Abbott EE, Long J, **Akay B**, **Brahmamdham P**, Iacco AA, and **Novotny NM** (2020). "Cost-effective approach to the laparoscopic appendectomy: Balancing disposable instrument cost with operative time." American Surgeon 86(6): 715-720.
23. Dombrowski D, **Long GW**, Chan J, and **Brown OW** (2020). "Screening chest computed tomography is indicated in all patients with abdominal aortic aneurysm." Annals of Vascular Surgery 65: 190-195.
24. Douglas JK, Callahan RE, Hothem ZA, Cousineau CS, Kawak S, Thibodeau BJ, Bergeron S, Li W, **Peeples CE**, and **Wasvary HJ** (2020). "Genomic variation as a marker of response to neoadjuvant therapy in locally advanced rectal cancer." Molecular & Cellular Oncology 7(3):1716618.
25. Eden CL, **Long GW**, Major M, Studzinski D, and **Brown OW** (2020). "Type II endoleak with an enlarging aortic sac after endovascular aneurysm repair predisposes to the development of a type IA endoleak." Journal of Vascular Surgery 72(4): 1354-1359.
26. Edhi AI, Hakim S, Shams C, **Bedi D**, Amin M, and Cappell MS (2020). "Clarithromycin-associated acute liver failure leading to fatal, massive upper gastrointestinal hemorrhage from profound coagulopathy: Case report and systematic literature review." Case Reports in Hepatology 2020: 2135239.

27. Edwards CT, Alslaim HS, Alebbini MM, Evbuomwan M, Chan JC, Hamouri S, and **Novotny NM** (2020). "Contrasting esophageal coin removal in countries with different sized coins in circulation." International Journal of Pediatric Otorhinolaryngology 129:109775.
28. Feinberg DL, Rosner MS, and **Rosner AJ** (2020). "Validation of the Binocular Vision Dysfunction Questionnaire (BVDQ)." Otology & Neurotology. ePub Ahead of Print.
29. Ferrer J, Carr D, Blumencranz P, Dodge D, **Dekhne N**, Wapnir I, Hunt K, Gold L, Valente S, Beitsch P, Dyess D, Hwang S, Clark L, Lesnikoski B-A, Chagpar A, Karp S, Schlossberg B, Madden S, Chang M, Smith K, Strasfeld D, Lee WD, and Smith B (2020). "Results from the expansion into multiple institutions for training in the use of the LUM imaging system for intraoperative detection of residual cancer in the tumor bed of female subjects with breast cancer clinical trial." Cancer Research 80(4 Supplement): P1-20-06-P1-20-06.
30. Fritz CG, **Bojrab DI, II**, Lin KF, **Schutt CA**, **Babu SC**, and **Hong RS** (2020). "Surgical explantation of bone-anchored hearing devices: A 10-year single institution review." Otolaryngology - Head and Neck Surgery 162(1): 95-101.
31. Gasteratos K, Spyropoulou G-A, and **Chaiyasate K** (2020). "Microvascular reconstruction of complex nasal defects: Case reports and review of the literature." Plastic and Reconstructive Surgery 8(7): e3003.
32. Goldman JJ, Huynh KA, Elfallal W, **Chaiyasate K**, and Fahim DK (2020). "Cervical spine and craniocervical junction reconstruction with a vascularized fibula free flap." World Neurosurgery 144: 34-38.
33. Grossman P, Sukul D, Seth M, **Shannon F**, Chetcuti S, and Deeb GM (2020). "The relationship between hospital joint Commission Comprehensive Stroke Center Certification (CSCC) and stroke reporting in the National TVT Registry: The Michigan TAVR (MI TAVR) collaborative experience." Journal of the American College of Cardiology 76(17): B53-B54.
34. Hobson G, Bates J, and **Sherbert D** (2020). "Breast implant-associated anaplastic large cell lymphoma affecting a neosubpectoral pocket." Cureus 12(3): e7178.
35. Howard A, Babu S, Hauptert M, and **Thottam PJ** (2020). "Balloon eustachian tuboplasty in pediatric patients: Is it safe?" Laryngoscope. ePub Ahead of Print.
36. Johnson J, Stathakios J, Chung MT, Engel R, and **Folbe A** (2020). "Factors important in the selection of a rhinology/skull base surgery fellow: A national survey of fellowship directors." American Journal of Rhinology & Allergy. ePub Ahead of Print.
37. Jones G, Adams L, Metz T, and **Akay B** (2020). "Child with profound gastric distension." Annals of Emergency Medicine 75(5): 577-626.
38. Kadri AN, Hanzel G, **Shannon F**, Elmariah S, Al-Azizi K, Khodor S, Ali A, Camacho A, Selberg A, Harrington K, Vivacqua A, Szerlip M, Mack M, and Abbas A (2020). "Concomitant invasive versus echocardiographic mean gradients in degenerated surgical aortic valve prostheses: A multicenter study." Journal of the American College of Cardiology 76(17): B62-B63.
39. Kaufman CS, Cross MJ, Barone JL, **Dekhne NS**, Devisetty K, Dilworth JT, Edmonson DA, Eladoumikdachi FG, Gass JS, Hall WH, 3rd, **Hong RL**, Kuske RR, Patton BJ, Perelson C, Phillips RF, Smith AB, Smith LA, Tafla L, and Lebovic GS (2020). "A three-dimensional bioabsorbable tissue marker for volume replacement and radiation planning: A multicenter study of surgical and patient-reported outcomes for 818 patients with breast cancer." Annals of Surgical Oncology. ePub Ahead of Print.

40. Kawak S, Wasvary JF, and **Ziegler MA** (2020). "Opioid requirements in laparoscopic colectomies: Do enhanced recovery after surgery protocols make a difference?" *American Surgeon* 87(7): 1048-1053.
41. Kreitzberg SA, **Sherbert D**, and DeSano J, 2nd (2020). "Becker implant intracapsular rupture with contralateral axillary silicone lymphadenopathy in an asymptomatic patient: A case report and literature review." *Cureus* 12(4): e7638.
42. Kumar M, Sebai ME, Appleford C, and **Dekhne N** (2020). "Myxoma in the axilla of a patient with a history of inflammatory breast cancer." *Breast Journal* 26(7):1400-1401.
43. Lapkus M, Al-Hadidi A, Karabon P, Naseem A, Khandhar P, and **Akay B** (2020). "Impact of reintubation and use of respiratory rescue therapy in the pediatric intensive care unit." *Critical Care Medicine* 48(1): 162.
44. Legbo JN, Ameh EA, and **Novotny N** (2020). "Necrotizing fasciitis," In EA Ameh, SW Bickler, K Lakhoo, BC Nwomeh, and D Poenaru (ed). *Pediatric Surgery*. Cham: Springer. pp: 219-228.
45. Lucas JP, Allen M, Nguyen BK, Svider PF, **Folbe AJ**, and Carron M (2020). "Orbital roof fractures: An evidence-based approach." *Facial Plastic Surgery and Aesthetic Medicine* 22(6): 471-480.
46. Luehmann NC, Pastewski JM, Cirino JA, Al-Hadidi A, DeMare AM, Riggs TW, **Novotny NM**, and **Akay B** (2020). "Implementation of a pediatric trauma cervical spine clearance pathway." *Pediatric Surgery International* 36(1): 93-101.
47. Masuda E, Ozsvath K, Vossler J, Woo K, Kistner R, Lurie F, Monahan D, **Brown W**, Labropoulos N, Dalsing M, Khilnani N, Wakefield T, and Gloviczki P (2020). "The 2020 appropriate use criteria for chronic lower extremity venous disease of the American Venous Forum, the Society for Vascular Surgery, the American Vein and Lymphatic Society, and the Society of Interventional Radiology." *Journal of Vascular Surgery: Venous and Lymphatic Disorders* 8(4):505-525.e4.
48. Mazumder S, Ma M, Champigny M, and **Adeyemo A** (2020). "A case of adult-onset Henocn-Schonlein Purpura triggered by fire ants." *Cureus* 12(3): e7341.
49. Miller W, **Ziegler K**, Graham S, Maddens M, and Sims M (2020). "Association of metabolomic biomarkers with sleeve gastrectomy weight loss outcomes." *Obesity Research Journal* 28: 43.
50. Nguyen BK, Svider PF, Hsueh WD, and **Folbe AJ** (2020). "Perioperative analgesia for sinus and skull-base surgery." *Otolaryngologic Clinics of North America* 53(5): 789-802.
51. Omari A and **Shaheen KW** (2020). "Upper Eyelid Reconstruction," *StatPearls*. Treasure Island (FL): StatPearls Publishing.
52. Oska S, Lerma E, and **Topf J** (2020). "A picture is worth a thousand views: A triple crossover trial of visual abstracts to examine their impact on research dissemination." *Journal of Medical Internet Research* 22(12): e22327.
53. Oska SR, **Chaiyasate K**, and Lu SM (2020). "Fore! A 10-year analysis of golf-related facial fractures." *Plastic and Reconstructive Surgery* 8(10): e3128.
54. Partiali B, Oska S, Barbat A, and **Folbe A** (2020). "The representation of women and underrepresented minorities in emergency medicine: A look into resident diversity." *American Journal of Emergency Medicine*. ePub Ahead of Print.

55. Partiali B, Oska S, Barbat A, Sneij J, and **Folbe A** (2020). "Injuries to the head and face from skateboarding: A 10-year analysis from National Electronic Injury Surveillance System Hospitals." Journal of Oral and Maxillofacial Surgery 78(9):1590-1594.
56. Partiali B, Oska S, Touriel RB, Delise A, Barbat A, and **Folbe A** (2020). "Gender disparity in speakers at a major academic emergency medicine conference." Emergency Medicine Journal. ePub Ahead of Print.
57. Pathangey G, Hanzel GS, **Shannon F**, Hanson I, Lau W, Almany S, Safian RD, Kerner N, Gallagher M, Vivacqua A, and Abbas AE (2020). "Left ventricular diastolic function improvement one year after transcatheter aortic valve replacement for severe aortic stenosis." Journal of the American College of Cardiology 75(11): 1256.
58. Sebai M, Karabon PE, Luan T, Sayee K, and **Dekhne N** (2020). "Gender differences and survival outcomes in breast cancer patients: Stage stratified propensity scoring analysis of the National Cancer Database." Annals of Surgical Oncology 27(SUPPL 1): S145-S146.
59. Sebai M, Karabon P, Quach D, Busuito C, Buisuito M, and **Dekhne N** (2020). "National trends and survival outcomes of performing immediate breast reconstruction for male breast cancer patients: Propensity scoring analysis." Annals of Surgical Oncology May (27): 44216.
60. Sebai M, Almahariq MF, Dilworth JT, Karabon P, Kalthoff R, Kiran S, and **Dekhne N** (2020). "National trends for intra-operative radiation therapy in favorable, early-stage breast cancer: A propensity scoring analysis of the National Cancer Database." Annals of Surgical Oncology 27(2): S514.
61. Sebai M, Karabon P, Lee D, Sayee K, and **Dekhne N** (2020). "Trends, survival outcomes, and predictors of non-adherence to mastectomy guidelines for non-metastatic inflammatory breast cancer: Stage-stratified propensity scoring analysis of NCDB." Annals of Surgical Oncology May 27: S633-S634.
62. Spillinger A, Park K, Shenouda K, and **Folbe AJ** (2020). "Endoscopic management of postradiation skull base osteoradionecrosis." International Forum of Allergy & Rhinology 10(12): 1329-1333.
63. Svider PF, Setzen M, Ow R, **Folbe AJ**, Eloy JA, and Johnson AP (2020). "Incorporation of telemedicine by rhinologists: The COVID-19 pandemic and beyond." American Journal of Otolaryngology 41(6): 102567.
64. Taye A, Inabnet WB, 3rd, Pan S, Carty SE, Cotton T, **Czako P**, Doherty G, Gauger P, Hanks J, McAneny D, Milas M, Perrier N, Rosen J, Schneider DF, Sharma J, Siperstein A, and Sosa JA (2020). "Post-thyroidectomy emergency room visits and readmissions: Assessment from the Collaborative Endocrine Surgery Quality Improvement Program (CESQIP)." American Journal of Surgery 220(4):813-820.
65. Tom A, Powers JM, and **Chaiyasate K** (2020). "Safe and efficient removal of massive head and neck vascular malformations using vessel sealing energy devices." Journal of Craniofacial Surgery. ePub Ahead of Print.
66. Vivacqua A, Robinson J, Abbas AE, Altshuler JM, **Shannon FL**, Podolsky RH, and Sakwa MP (2020). "Single-dose cardioplegia protects myocardium as well as traditional repetitive dosing: A noninferiority randomized study." Journal of Thoracic and Cardiovascular Surgery 159(5): 1857-+.
67. Vlasschaert C, **Topf JM**, and Hiremath S (2020). "Proliferation of papers and preprints during the Coronavirus Disease 2019 Pandemic: Progress or problems with peer review?" Advances in Chronic Kidney Disease 27(5): 418-426.
68. **Youn A** (2020). "Commentary on: Predicting public interest in nonsurgical cosmetic procedures using Google

Trends." *Aesthetic Surgery Journal* 40(11):1263-1264.

69. **Ziegler MA**, Bauman JC, **Welsh RJ**, and **Wasvary HJ** (2020). "Can the American College of Surgeons National Surgical Quality Improvement Program Risk Calculator predict outcomes for urgent colectomies?" *American Surgeon*: 0003134820973392.

Department of Urology

1. Anderson RE, Keihani S, Moses RA, Nocera AP, Selph JP, Castillejo Becerra CM, Baradaran N, Glavin K, Broghammer JA, Arya CS, Sensenig RL, Rezaee ME, Morris BJ, Majercik S, Hewitt T, **Burks FN**, Schwartz I, Elliott SP, Luo-Owen X, Mukherjee K, Thomsen PB, Erickson BA, Miller BD, Santucci RA, Allen L, Norwood S, Fick CN, Smith BP, Piotrowski J, Dodgion CM, DeSoucy ES, Zakaluzny S, Kim DY, Breyer BN, Okafor BU, Askari R, Lucas JW, Simhan J, Khabiri SS, Nirula R, and Myers JB (2020). "Current management of extraperitoneal bladder injuries: Results from the Multi-Institutional Genito-Urinary Trauma Study (MiGUTS)." *The Journal of Urology* 204(3): 538-544.
2. Armas-Phan M, Keihani S, Agochukwu-Mmonu N, Cohen AJ, Rogers DM, Wang SS, Gross JA, Joyce RP, Hagedorn JC, Voelzke B, Moses RA, Sensenig RL, Selph JP, Gupta S, Baradaran N, Erickson BA, Schwartz I, Elliott SP, Mukherjee K, Smith BP, Santucci RA, **Burks FN**, Dodgion CM, Carrick MM, Askari R, Majercik S, Nirula R, Myers JB, and Breyer BN (2020). "Clinical and radiographic factors associated with failed renal angioembolization: Results from the Multi-institutional Genitourinary Trauma Study (Mi-GUTS)." *Urology*. ePub Ahead of Print.
3. Bartolone SN, Ward EP, Wang Z, **Zwaans BM**, **Chancellor MB**, Bjorling DE, and **Lamb LE** (2020). "Micturition defects and altered bladder function in the klotho mutant mouse model of aging." *American journal of clinical and experimental urology* 8(3): 81-92.
4. Benson K, McCrery R, Taylor C, Padron O, Blok B, de Wachter S, Pezzella A, Gruenenfelder J, Pakzad M, Perrouin-Verbe MA, Van Kerrebroeck P, Mangel J, **Peters K**, Kennelly M, Shapiro A, Lee U, Comiter C, Mueller M, Goldman H, and Lane F (2020). "One-year outcomes of the ARTISAN-SNM study with the Axonics System for the treatment of urinary urgency incontinence." *Neurourology & Urodynamics* 39(5): 1482-1488.
5. Bernardo M, **Jafri S**, and Ananthasubramaniam K (2020). "Challenges in imaging complex pericardial effusions: Incremental value of multimodality imaging." *Journal of the American College of Cardiology* 75(11): 3395.
6. **Chancellor MB**, Bartolone SN, **Lamb LE**, Ward E, **Zwaans BMM**, and **Diokno A** (2020). "Underactive bladder: Review of progress and impact from the International CURE-UAB Initiative." *International Neurourology Journal* 24(1): 3-11.
7. **Chancellor MB** and Smith CP (2020). "Use of botulinum toxin in the genitourinary system." *Handbook of Experimental Pharmacology* 263:171-184.
8. Chuang YC, Meng E, **Chancellor M**, and Kuo HC (2020). "Pain reduction realized with extracorporeal shock wave therapy for the treatment of symptoms associated with interstitial cystitis/bladder pain syndrome: A prospective, multicenter, randomized, double-blind, placebo-controlled study." *Neurourology and Urodynamics* 39(5): 1505-1514.
9. Crawford ED, Twardowski PW, Concepcion RS, **Hafron JM**, Harris RG, Moul JW, Gordan LN, Petrylak DP, Atkinson SN, Boldt-Houle DM, Keane TE, Higano CS, Henderson RJ, Kader AK, Hussain MH, and Shore ND (2020). "The impact of late luteinizing hormone-releasing hormone agonist dosing on testosterone

- suppression in patients with prostate cancer: An analysis of United States clinical data." Journal of Urology 203(4): 743-750.
10. Dhar N, Dhar S, Timar R, Lucas S, Lamb LE, and **Chancellor MB** (2020). "De novo urinary symptoms associated with COVID-19: COVID-19-associated cystitis." Journal of Clinical Medicine Research 12(10): 681-682.
 11. **Diokno AC** and Devries JM (2020). "The impact of COVID-19 on urologic practice, medical education, and training." International Urology and Nephrology 52(7): 1195-1198.
 12. Dokter J, Tennyson LE, Nguyen L, Han E, and **Sirls LT** (2020). "The clinical rate of antibiotic change following empiric treatment for suspected urinary tract infections." International Urology and Nephrology 52(3): 431-436.
 13. Gaines NL, Lavin E, and **Gillera J** (2020). "Stress Incontinence," In M Lajiness and S Quallich (ed). The Nurse Practitioner in Urology in Urology Cham: Springer International Publishing. pp: 271-285.
 14. Ginsburg KB, Schwabe JR, Cochrane JA, Tapper A, **Burks F**, and Rambhatla A (2020). "Low serum albumin correlates with adverse events following surgery for male urinary incontinence: Analysis of the American College of Surgeons National Surgical Quality Improvement Project." Urology 137: 178-182.
 15. **Hafron JM** (2020). "Practicing in a prostate cancer "revolution": Applying key insights from the PROCEED real-world registry to clinical practice." Urology Times 48(3): 48-48.
 16. **Hafron J** (2020). "A major wake-up call to U.S. medicine to administer androgen deprivation therapy for prostate cancer on time." Conversation with The Cancer Letter July.
 17. **Hafron J** (2020). "Management of UTUC using a kidney sparing approach " Urologists in Cancer Care 9: 17-20.
 18. Haider MA, **Burks FN**, Cassell A, and Jalloh M (2020). "The role of organizations like IVUmed in developing centers of excellence." Current Bladder Dysfunction Reports 15(4): 352-361.
 19. Han E, Killinger KA, Turner KM, **Gillera J**, Tenney D, and **Peters KM** (2020). "Small fiber polyneuropathy in Hunner lesion and non-Hunner lesion interstitial cystitis/bladder pain syndrome." Female Pelvic Medicine & Reconstructive Surgery. ePub Ahead of Print.
 20. Hiller SC, Qi J, Leavitt D, Frontera JR, **Jafri SM**, Hollingsworth JM, Dauw CA, and Ghani KR (2020). "Ureteroscopy in patients taking anticoagulant or antiplatelet therapy: Practice patterns and outcomes in a surgical collaborative." Journal of Urology. ePub Ahead of Print.
 21. Kadri AN, Khodor S, Ali A, Nusairat L, Mahmood A, Nahhas G, Dabbous S, Spears J, **Jafri S**, and Werns S (2020). "National trends of tobacco, alcohol, and drug use in patients admitted with acute myocardial infarction." Cardiovascular Revascularization Medicine. ePub Ahead of Print.
 22. Kadri AN, Mahmood A, Nusairat L, Khodor S, Ali A, Jack AEL, Chagas C, Bangash N, Gad MM, Chahine J, **Jafri S**, and Werns SW (2020). "National trends of tobacco, alcohol, and drug abuse in patients admitted with acute myocardial infarction." Journal of the American College of Cardiology 75(11): 255-255.
 23. Keihani S, Rogers DM, Putbrese BE, Anderson RE, Stoddard GJ, Nirula R, Luo-Owen X, Mukherjee K, Morris BJ, Majercik S, Piotrowski J, Dodgion CM, Schwartz I, Elliott SP, DeSoucy ES, Zakaluzny S, Sherwood BG, Erickson BA, Baradaran N, Breyer BN, Fick CN, Smith BP, Okafor BU, Askari R, Miller BD, Santucci RA, Carrick MM, Allen L, Norwood S, Hewitt T, **Burks FN**, Heilbrun ME, Gross JA, and Myers JB (2020). "The American Association

- for the Surgery of Trauma renal injury grading scale: Implications of the 2018 revisions for injury reclassification and predicting bleeding interventions." Journal of Trauma and Acute Care Surgery 88(3): 357-365.
24. Lamb LE, Bartolone SN, and **Chancellor MB** (2020). "Detection of Zika virus using Reverse Transcription-Loop-Mediated Isothermal Amplification (RT-LAMP)," Methods in Molecular Biology. 2142. pp: 137-146.
 25. Lamb LE, Bartolone SN, Ward E, and **Chancellor MB** (2020). "Rapid detection of novel coronavirus/Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) by reverse transcription-loop-mediated isothermal amplification." PLoS ONE 15(6): e0234682.
 26. Lamb LE, Dhar N, Timar R, Wills M, Dhar S, and **Chancellor MB** (2020). "COVID-19 inflammation results in urine cytokine elevation and causes COVID-19 associated cystitis (CAC)." Medical Hypotheses 145: 110375.
 27. Lane GI, Smith AL, Stambakio H, Lin G, Al Hussein Alawamlh O, Anger JT, Brandes ER, Carmel ME, Chung DE, Cox L, DeLong J, Elliott CS, Eltahawy E, Aparecido França W, Gousse A, Gupta P, Hagedorn JC, High RA, Khan A, Kowalik C, Lee RK, Lee UJ, Lucioni A, MacDonald S, Malaeb B, McKay S, **Padmanabhan P**, Powell CR, Sajadi KP, Sutherland SE, Theva D, Vollstedt A, Welk B, Zheng Y, and Cameron AP (2020). "Treatment of urethral stricture disease in women: A multi-institutional collaborative project from the SUFU research network." Neurourology & Urodynamics 39(8): 2433-2441.
 28. Martin S, Han E, and **Peters KM** (2020). "A novel approach to managing post retropubic vaginal sling pain." Urology 137: 196-199.
 29. McCrery R, Lane F, Benson K, Taylor C, Padron O, Blok B, De Wachter S, Pezzella A, Gruenenfelder J, Pakzad M, Perrouin-Verbe MA, Le Normand L, Van Kerrebroeck P, Mange J, **Peters K**, Kennelly M, Shapiro A, Lee U, Comiter C, Mueller M, and Goldman HB (2020). "Treatment of urinary urgency incontinence using a rechargeable SNM system: 6-month results of the ARTISAN-SNM study." Journal of Urology 203(1): 185-191.
 30. McKay RR, **Hafron JM**, Ferro C, Wilfehrt HM, Fitch K, Flanders SC, Fabrizio MD, and Schweizer MT (2020). "A retrospective observational analysis of overall survival with sipuleucel-T in Medicare beneficiaries treated for advanced prostate cancer." Advances in therapy 37(12): 4910-4929.
 31. Mitsui Y, Sadahira T, Watanabe T, Araki M, Maruyama Y, Sato R, Rodrigo AGH, Wada K, Watanabe M, **Chancellor MB**, and Nasu Y (2020). "Correlation between lumbar skeletal muscle size and urinary incontinence after radical prostatectomy." LUTS: Lower Urinary Tract Symptoms 12(3):245-252.
 32. Nair SM, Hatiboglu G, **Relle J**, Hetou K, **Hafron J**, Harle C, Kassam Z, Staruch R, Burtnyk M, Bonekamp D, Schlemmer HP, Roethke MC, Mueller-Wolf M, Pahernik S, and Chin JL (2020). "Magnetic resonance imaging-guided transurethral ultrasound ablation in patients with localised prostate cancer: 3-year outcomes of a prospective phase I study." BJU International. ePub Ahead of Print.
 33. Odom B, Edwards L, and **Hafron J** (2020). "Kidney cancer," In M Lajiness and S Quallich (ed). Nurse Practitioner in Urology. Cham: Springer. pp: 383-395.
 34. Peabody H, Patel A, Johnson A, Mirza M, Noyes SL, Schervish E, **Kaul S**, Rogers CG, Lane BR, and Semerjian A (2020). "Development of a novel scoring system quantifies opportunities to reduce surgery for benign renal neoplasms: A retrospective quality improvement analysis within the MUSIC-KIDNEY collaborative." Journal of Urology 204(6): 1160-1165.
 35. Peyronnet B, Greenwell T, Gray G, Khavari R, Thiruchelvam N, Capon G, Ockrim J, Lopez-Fando L, **Gillera J**, Fournier G, Van Koevinge GA, and Van Der Aa F (2020). "Current use of the artificial urinary sphincter in adult females." Current Urology Reports 21(12): 53.

36. Rusilko PJ, Fuller TW, and **Burks F** (2020). "Surgical reconstruction of buried penis," In F.E. Martins, S.B. Kulkarni, and T.S. Köhler (ed). Textbook of Male Genitourethral Reconstruction. Cham: Springer International Publishing. pp: 737-749.
37. Shah Parth K, Linsell S, Qi J, **Hafron J**, Sarle R, Lane B, Peabody J, Miller David C, Ghani Khurshid R, and Dupree James M "Limiting opioid overprescription after prostatectomy: How payer-provider collaboration can lead to improved patient safety and reimbursement." NEJM Catalyst 1(3): May-June 2020.
38. Shore ND, Antonarakis ES, Cookson MS, Crawford ED, Morgans AK, Albala DM, **Hafron J**, Harris RG, Saltzstein D, Brown GA, Henderson J, Lowentritt B, Spier JM, and Concepcion R (2020). "Optimizing the role of androgen deprivation therapy in advanced prostate cancer: Challenges beyond the guidelines." Prostate 80(6): 527-544.
39. Shore ND, Drake CG, Lin DW, Ryan CJ, Stratton KL, Dunshee C, Karsh LI, **Kaul S**, **Kernen K**, Pieczonka C, Sieber P, Stewart C, Williams M, and Concepcion RS (2020). "Optimizing the management of castration-resistant prostate cancer patients: A practical guide for clinicians." Prostate 80(14): 1159-1176.
40. Smith CP and **Chancellor MB** (2020). "Botulinum toxin treatment in urological disorders," In B. Jabbari (ed). Botulinum Toxin Treatment in Surgery, Dentistry, and Veterinary Medicine. Cham: Springer International Publishing. pp: 297-308.
41. Stephen JR and **Burks FN** (2020). "Buried penis repair: Tips and tricks." International Brazilian Journal of Urology 46(4): 519-522.
42. Tennyson L, Turner K, Vollstedt A, and **Peters K** (2020). "Cyclosporine for the treatment of Hunner's lesion interstitial cystitis." Neurourology and Urodynamics 39: S141-S142.
43. Vollstedt A and **Gilleran J** (2020). "Update on implantable PTNS devices." Current Urology Reports 21(7): 28.
44. Vollstedt A, Luke N, Wonjo K, Kelly C, Smith D, Baunoch D, Opel M, **Korman H**, Keating P, **Burks F**, **Jafri M**, Cline K, LaBelkoff L, Milbank A, Sherman N, Haverkorn R, Yore L, Shore N, and **Sirls L** (2020). "Agreement of traditional urinary culture and multiplex PCR: Results from a prospective study." Neurourology and Urodynamics 39: S71-S72.
45. Vollstedt A, Luke N, Wonjo K, Kelly C, Smith D, Baunoch D, Opel M, **Korman H**, Keating P, **Burks F**, **Jafri M**, Cline K, LaBelkoff L, Milbank A, Sherman N, Haverkorn R, Yore L, Shore N, and **Sirls L** (2020). "Urinary tract infection presentation of elderly patients and the decision to empirically treat." Neurourology and Urodynamics 39: S253-S254.
46. Vollstedt AJ, Han E, Nguyen L, Tennyson L, Beck D, and **Sirls L** (2020). "Placement of mid-urethral mesh slings at the time of vaginal prolapse repair does not affect post-operative sexual function or orgasm." International Urogynecology Journal. ePub Ahead of Print.
47. Ward EP, Bartolone SN, **Chancellor MB**, **Peters KM**, and Lamb LE (2020). "Proteomic analysis of bladder biopsies from interstitial cystitis/bladder pain syndrome patients with and without Hunner's lesions reveals differences in expression of inflammatory and structural proteins." BMC Urology 20(1): 180.
48. Watson B, Jones P, and **Hafron J** (2020). "Diagnosis and management of localized prostate cancer," In In M Lajiness and S Quallich (ed). The Nurse Practitioner in Urology. Cham: Springer. pp: 345-359.
49. Wu RC, Prebay ZJ, Patel P, Kim T, Qi J, Telang J, Linsell S, Kleer E, Miller DC, Peabody JO, Ghani KR, and **Johnston WK** (2020). "Using video review to understand the technical variation of robot-assisted radical

prostatectomy in a statewide surgical collaborative." [World Journal of Urology](#) 38(7): 1607-1613.

50. **Zwaans BMM**, Nicolai HE, **Chancellor MB**, and Lamb LE (2020). "Prostate cancer survivors with symptoms of radiation cystitis have elevated fibrotic and vascular proteins in urine." [PLoS ONE](#) 15(10 October).
51. **Zwaans BMM**, Wegner KA, Bartolone SN, Vezina CM, **Chancellor MB**, and **Lamb LE** (2020). "Radiation cystitis modeling: A comparative study of bladder fibrosis radio-sensitivity in C57BL/6, C3H, and BALB/c mice." [Physiological Reports](#) 8(4): e14377.

Medical Library

1. **Engwall K** and Roe M (2020). "Git and GitLab in library website change management workflows." [Code4Lib Journal](#) 48: 2020-05-11.
2. Roach VA, **Mi MS**, Mussell J, Van Nuland SE, Lufler RS, DeVeau KM, Dunham SM, Husmann P, Herriott HL, Edwards DN, Doubleday AF, Wilson BM, and Wilson AB (2020). "Correlating spatial ability with anatomy assessment performance: A meta-analysis." [Anatomical Sciences Education](#). ePub Ahead of Print.
3. Roach VA, **Mi MS**, Mussell JC, Van Nuland SE, Lufler RS, DeVeau KM, Dunham SM, Husmann PR, Herriott HL, Edwards DN, Doubleday AF, Wilson BM, and Wilson AB (2020). "A systematic review of spatial ability & anatomy performance: It's time for a metaanalysis." [The FASEB Journal](#) 34(S1): 1.
4. **Swanberg SM**, Thielen J, and **Bulgarelli N** (2020). "Faculty knowledge and attitudes regarding predatory open access journals: A needs assessment study." [Journal of the Medical Library Association](#) 108(2): 208-218.
5. Taylor TAH and **Swanberg SM** (2020). "A comparison of peer and faculty narrative feedback on medical student oral research presentations." [International Journal of Medical Education](#) 11: 222-229.
6. Thielen J, Spunaugle E, and **Swanberg S** (2020). "Research forum: Creating and sustaining an intra-library venue to share library faculty research." [Journal of Librarianship and Scholarly Communication](#) 8(1): 2332-2332.

OUBW Medical Student Author

1. Abdu R, Vasyluk A, Reddy N, Huang LC, Halka JT, **DeMare A**, **Janczyk R**, and Iacco A (2020). "Hybrid robotic transversus abdominis release versus open: Propensity-matched analysis of 30-day outcomes." [Hernia](#). ePub Ahead of Print.
2. Ahmed K, Zaidi SF, Mati Ur R, **Rehman R**, and Kondo T (2020). "Hyperthermia and protein homeostasis: Cytoprotection and cell death." [Journal of Thermal Biology](#) 91: 102615.
3. Alberts NM, Badawy SM, Hodges J, Estep JH, Nwosu C, **Khan H**, Smeltzer MP, Homayouni R, Norell S, Klesges L, Porter JS, and Hankins JS (2020). "Development of the InCharge Health Mobile App to improve adherence to hydroxyurea in patients with sickle cell disease: User-centered design approach." [JMIR mHealth uHealth](#) 8(5): e14884.
4. **Al-Hadidi A**, Alslaim H, Ghawanmeh M, Alfarajat F, Habra H, Brahmamdam P, and Novotny N (2020). "Short-term surgical trips: Local collaboration and its effects on complications and patient satisfaction." [Pediatric Surgery International](#) 36(8): 977-981.

5. **Al-Hadidi A**, Lapkus M, Karabon P, **Naseem A**, Akay B, and Khandhar P (2020). "Success of respiratory rescue therapy in preventing reintubation in a pediatric intensive care unit." Critical Care Medicine 48(1): 153.
6. **Al-Hadidi A**, Lapkus M, Novotny NM, Gowans LK, Chen PY, and Stallion A (2020). "Wilms tumor with pleural metastasis." Global Pediatric Health 7: 2333794X20952292-2333794X20952292.
7. **Allen M, Spillinger A, Arianpour K**, Johnson J, Johnson AP, Folbe AJ, Hotaling J, and Svider PF (2020). "Tracheal resection in the management of thyroid cancer: An evidence-based approach." Laryngoscope. ePub Ahead of Print.
8. Allen S, Petersen A, Harrison K, Tosun N, and **Cameron J** (2020). "Response to nicotine following overnight smoking abstinence during short-term progesterone treatment in women." Experimental and Clinical Psychopharmacology 28(3): 306-316.
9. Almahariq MF, **Maywood MJ**, Levitin RB, Squires BS, Jawad MS, Chen PY, Gustafson GS, and Dilworth JT (2020). "Mapping of metastatic level I axillary lymph nodes in patients with newly diagnosed breast cancer." International Journal of Radiation Oncology, Biology, Physics 106(4): 811-820.
10. Anderson RE, Keihani S, Moses RA, Nocera AP, Selph JP, Castillejo Becerra CM, Baradaran N, Glavin K, Broghammer JA, Arya CS, Sensenig RL, **Rezaee ME**, Morris BJ, Majercik S, Hewitt T, Burks FN, Schwartz I, Elliott SP, Luo-Owen X, Mukherjee K, Thomsen PB, Erickson BA, Miller BD, Santucci RA, Allen L, Norwood S, Fick CN, Smith BP, Piotrowski J, Dodgion CM, DeSoucy ES, Zakaluzny S, Kim DY, Breyer BN, Okafor BU, Askari R, Lucas JW, Simhan J, Khabiri SS, Nirula R, and Myers JB (2020). "Current management of extraperitoneal bladder injuries: Results from the Multi-Institutional Genito-Urinary Trauma Study (MiGUTS)." The Journal of Urology 204(3): 538-544.
11. **Angus A**, DeMare A, and Iacco A (2020). "Evaluating outcomes for robotic-assisted inguinal hernia repair in males with prior urologic surgery: A propensity-matched analysis from a national database." Surgical Endoscopy. ePub Ahead of Print.
12. **Angus A**, DeMare A, Kawak S, Rizk M, **Pastewski J, Burk C, Mahmoudian C**, Khandhar P, and Stallion A (2020). "Splenic trauma in a patient with heterotaxy: A case report and brief review of laterality defects." Critical Care Medicine 48(1): 881.
13. **Anyadike K, Cascardo C, Hoevet M, Idris M, Alakhras H**, and Barremkala M (2020). "Complete absence of oblique fissure in the left lung: A case report on anatomic variation." The FASEB Journal 34(S1): 1.
14. Arden JD, **Gruner MF**, Vu CC, Marvin K, Ye H, Nandalur SR, Al-Wahab Z, Gadzinski J, Rakowski JA, Field J, Rosen B, and Jawad MS (2020). "Outcomes after salvage radiation therapy for recurrent endometrial cancer in patients with no prior adjuvant therapy: An institutional review." Advances in Radiation Oncology 5(6): 1240-1247.
15. Bahl A, **Hijazi M**, Chen NW, Lachapelle-Clavette L, and Price J (2020). "Ultralong versus standard long peripheral intravenous catheters: A randomized controlled trial of ultrasonographically guided catheter survival." Annals of Emergency Medicine 76(2):134-142.
16. Bahl A, Van Baalen MN, Ortiz L, Chen N-W, **Todd C, Milad M, Yang A, Tang J, Nygren M**, and Qu L (2020). "Early predictors of in-hospital mortality in patients with COVID-19 in a large American cohort." Internal & Emergency Medicine 15(8): 1485-1499.
17. **Baker N, Chao JN**, and Pearce ZD (2020). "Progressive eyelid swelling in a middle-aged man." JAMA Ophthalmology. ePub Ahead of Print.

18. **Balinski AM**, Karabon P, **Pathangey G**, and Abbas AE (2020). "Transcatheter aortic valve replacement temporal trends: Procedural volume impact on length of stay and readmissions." Journal of the American College of Cardiology 75(11): 1268.
19. **Balinski AM**, Kerndt CC, Parry NP, Rehman RA, Yeow RY, and Hayek SS (2020). "Metastatic melanoma of the heart: A systematic review." Journal of Clinical Oncology 38(15_suppl): e22017.
20. **Balinski AM** and Preuss CV (2020). "Cilostazol," StatPearls. Treasure Island (FL): StatPearls Publishing LLC.
21. **Barbat A, Oska S, Partiali B**, Folbe A, and Jacob J (2020). "Gender and ethnic diversity in diagnostic and interventional radiology trainees, 2014-2019: Has the recently introduced Integrated Interventional Radiology program changed anything?" Academic Radiology 28(2):292-293.
22. **Barbat A, Partiali B, Oska S**, and Folbe A (2020). "Head, face, and neck fractures secondary to ladder-related injuries treated in United States emergency departments in 2009-2018." Journal of Emergency Medicine (0736-4679) 59(2): 186-192.
23. **Bersani K**, Fuller TE, Garabedian P, Espares J, Mlaver E, Businger A, Chang F, Boxer RB, Schnock KO, Rozenblum R, Dykes PC, Dalal AK, Benneyan JC, Lehmann LS, Gershanik EF, Bates DW, and Schnipper JL (2020). "Use, perceived usability, and barriers to implementation of a patient safety dashboard integrated within a vendor EHR." Applied Clinical Informatics 11(1): 34-45.
24. Bojrab DI, II, **Fritz CG**, Lin KF, Schutt CA, Hong RS, Babu SC, Chen PY, Maitz A, and Bojrab DI (2020). "Fundal fluid cap is associated with hearing preservation in the radiosurgical treatment of vestibular schwannoma." Otology & Neurotology. ePub Ahead of Print.
25. Cardenas V, **Mankuzhy N**, Mody R, McCaffery H, Fontana RJ, and DiPaola F (2020). "Incidence and sequelae of liver injury among children treated for solid tumors: Analysis of a large single-center prospective cohort." Journal of Pediatric Gastroenterology & Nutrition 71(2): 197-202.
26. **Challa JA**, Kasir R, and Taranikanti V (2020). "Abnormal anatomical and radiological changes in a rare presentation of adult developmental dysplasia of the hip." Cureus 12(8): e9938.
27. **Chang AM**, Hollander JE, Su E, Weiss RE, Yagapen AN, Malveau SE, Adler DH, Bastani A, Baugh CW, Caterino JM, Clark CL, Diercks DB, Nicks BA, Nishijima DK, **Shah MN**, Stiffler KA, Storrow AB, Wilber ST, and Sun BC (2020). "The accuracy of interqual criteria in determining the observation versus inpatient status in older adults with syncope." Journal of Emergency Medicine 59(2): 193-200.
28. **Chao J**, Saleem S, Tausif HN, Levasseur K, and Stec LA (2020). "Internuclear ophthalmoplegia as the first manifestation of pediatric-onset multiple sclerosis and concurrent Lyme Disease." American Journal of Case Reports 21: e925220.
29. **Cheah C**, Hajj Hussein I, El-Othmani A, **Rizvi SA**, Sayeed Z, and El-Othmani MM (2020). "Assessing preoperative risk factors with sex disparities in total joint arthroplasty patients and financial outcomes from the National Inpatient Sample Database." The Journal of the American Academy of Orthopaedic Surgeons 28(21): e969-e976.
30. **Cheah C**, Hajj-Hussein I, Sayeed Z, and El-Othmani MM (2020). "Assessing gender disparities in total joint arthroplasty from the National Inpatient Sample Database." The FASEB Journal 34(S1): 1-1.
31. Chen B, **Kanaan C**, Jaiyesimi I, Ezekwudo D, and Swor R (2020). "Clinical characteristics of patients with cancer presenting to the emergency department and their use of Emergency Medical Service transport."

Prehospital Emergency Care 24(6): 813-821.

32. Chernyaysky A, **Patel KG**, and Grando SA (2020). "Mechanisms of synergy of autoantibodies to M3 muscarinic acetylcholine receptor and secretory pathway Ca²⁺/Mn²⁺-ATPase isoform 1 in patients with non-desmoglein pemphigus vulgaris." International Immunopharmacology 80: 106149.
33. Cholack G, **Lisk K**, Venuti JM, and Attardi SM (2020). "Is integration within anatomical sciences important? Assessing medical student learning of histology and embryology via interdisciplinary causal mechanisms." The FASEB Journal 34(S1): 1.
34. Cifarelli CP, Vargo JA, Fang W, Liscak R, Guseynova K, Warnick RE, Lee CC, Yang HC, Borghei-Razavi H, Maiti T, Siddiqui ZA, **Yuan JC**, Grills IS, Mathieu D, Touchette CJ, Cordeiro D, Chiang V, Hess J, Tien CJ, Faramand A, Kano H, Barnett GH, Sheehan JP, and Lunsford LD (2020). "Role of gamma knife radiosurgery in small cell lung cancer: A multi-institutional retrospective study of the international radiosurgery research foundation (IRRF)." Neurosurgery 87(4): 664-671.
35. Conger A, Sperry BP, Cheney CW, Kuo K, Petersen R, **Randall D**, Salazar F, Cunningham S, Henrie AM, Bisson E, Kendall R, Teramoto M, and McCormick ZL (2020). "Does the contrast dispersion pattern during fluoroscopically guided cervical transforaminal epidural steroid injection predict short-term pain and functional outcomes? An exploratory analysis of prospective cohort data." Pain Medicine 21(12): 3350-3359.
36. Cowan B, **Oska S**, **Arianpour K**, Svider PF, Bojrab D, and Hong RS (2020). "A systematic review of cochlear implantation in temporal bone fractures and the significance of otic capsule involvement." Otology & Neurotology 41(10): 1309-1315.
37. **Daram NR**, Jordan KL, Dadi PK, Berry L, and Jacobson DA (2020). "Glucagon-like peptide 1 shows glucose dependence in regulating islet hormone secretion." Metabolism-Clinical and Experimental 104: 154069.
38. **Dekhou AS** and Gemechu J (2020). "The superior laryngeal nerve and its vulnerability in surgeries of the neck." The FASEB Journal 34(S1): 1.
39. **Derias N**, Loftus S, and Kamel-ElSayed S (2020). "Threshold concepts in medical physiology." The FASEB Journal 34(S1): 1.
40. **DiMagno AN**, Hajj-Hussein I, Sayeed Z, and El-Othmani MM (2020). "Chronic kidney disease impact on total joint arthroplasty outcomes: A national inpatient sample based study." The FASEB Journal 34(S1): 1.
41. **Dokter J**, Tennyson LE, Nguyen L, Han E, and Sirls LT (2020). "The clinical rate of antibiotic change following empiric treatment for suspected urinary tract infections." International Urology and Nephrology 52(3): 431-436.
42. Dombrowski D, Long GW, **Chan J**, and Brown OW (2020). "Screening chest computed tomography is indicated in all patients with abdominal aortic aneurysm." Annals of Vascular Surgery 65: 190-195.
43. Edhi AI, Hakim S, **Shams C**, Bedi D, Amin M, and Cappell MS (2020). "Clarithromycin-associated acute liver failure leading to fatal, massive upper gastrointestinal hemorrhage from profound coagulopathy: Case report and systematic literature review." Case Reports in Hepatology 2020: 2135239.
44. Edwards CT, Alslaim HS, Alebbini MM, **Evbuomwan M**, **Chan JC**, Hamouri S, and Novotny NM (2020). "Contrasting esophageal coin removal in countries with different sized coins in circulation." International Journal of Pediatric Otorhinolaryngology 129:109775.
45. Elmunzer BJ, Wolf BJ, Scheiman JM, Tierney WM, Taylor JR, Jamil L, and **Aneese AM** (2020). "Association

between preadmission acid suppressive medication exposure and severity of illness in patients hospitalized with COVID-19." Gastroenterology. ePub Ahead of Print.

46. Elmunzer BJ, Spitzer RL, Foster LD, Merchant AA, Howard EF, Patel VA, West MK, Qayed E, Nustas R, Zakaria A, Piper MS, Taylor JR, Jaza L, Forbes N, Chau M, Lara LF, Papachristou GI, Volk ML, Hilson LG, Zhou S, Kushnir VM, Lenyo AM, McLeod CG, Amin S, Kuftinec GN, Yadav D, Fox C, Kolb JM, Pawa S, Pawa R, Canakis A, Huang C, Jamil LH, **Aneese AM**, Glamour BK, Smith ZL, Hanley KA, Wood J, Patel HK, Shah JN, Agarunov E, Sethi A, Fogel EL, McNulty G, Haseeb A, Trieu JA, Dixon RE, Yang JY, Mendelsohn RB, Calo D, Aroniadis OC, LaComb JF, Scheiman JM, Sauer BG, Dang DT, Piraka CR, Shah ED, Pohl H, Tierney WM, Mitchell S, Condon A, Lenhart A, Dua KS, Kanagala VS, Kamal A, Singh VK, Pinto-Sanchez MI, Hutchinson JM, Kwon RS, Korsnes SJ, Singh H, Solati Z, Willingham FF, Yachimski PS, Conwell DL, Mosier E, Azab M, Patel A, Buxbaum J, Wani S, Chak A, Hosmer AE, Keswani RN, DiMaio CJ, Bronze MS, Muthusamy R, Canto MI, Gjeorgjievski VM, Imam Z, Odish F, Edhi AI, Orosey M, Tiwari A, Patwardhan S, Brown NG, Patel AA, Ordiah CO, Sloan IP, Cruz L, Koza CL, Okafor U, Hollander T, Furey N, Reykhart O, Zbib NH, Damianos JA, Esteban J, Hajidiacos N, Saul M, Mays M, Anderson G, Wood K, Mathews L, Diakova G, Caisse M, Wakefield L, Nitchie H, Waljee AK, Tang W, Zhang Y, Zhu J, Deshpande AR, Rockey DC, Alford TB and Durkalski V (2020). "Digestive manifestations in patients hospitalized with Coronavirus Disease 2019." Clinical Gastroenterology & Hepatology. ePub Ahead of Print.
47. Emfinger CH, **Fahey K**, Zhu L, Zhang SW, Xu YM, Stafford JM, and Yu SS (2020). "Sex-specific effect of cholesteryl ester transfer protein in murine HDL function." Journal of Womens Health 29(12): A24-A24.
48. **Ensz JL, Paul J, Gannon J, Bruins A, Carney CR**, and Barremkala M (2020). "Right aortic arch with mirror image branching and situs solitus: A case report on anatomic variation." The FASEB Journal 34(S1): 1.
49. Farley KX, Aizpuru M, **Boden SH**, Wagner ER, Gottschalk MB, and Daly CA (2020). "Avocado-related knife injuries: Describing an epidemic of hand injury." American Journal of Emergency Medicine 38(5): 864-868.
50. Foster CC, Seiwert TY, MacCracken E, Blair EA, Agrawal N, Melotek JM, Portugal L, **Brisson RJ**, Gooi Z, Spiotto MT, Vokes EE, and Haraf DJ (2020). "Dose and volume de-escalation for human papillomavirus-positive oropharyngeal cancer is associated with favorable posttreatment functional outcomes." International Journal of Radiation Oncology Biology Physics 107(4):662-671.
51. **Fritz CG**, Bojrab DI, II, Lin KF, Schutt CA, Babu SC, and Hong RS (2020). "Surgical explantation of bone-anchored hearing devices: A 10-year single institution review." Otolaryngology - Head and Neck Surgery 162(1): 95-101.
52. Gaines R, Mando R, Tucker C, Assar S, **Hite A**, Hanzel GS, Gallagher M, Shannon F, and Abbas AE (2020). "CT versus echocardiographic stroke volume index compared to invasively derived cardiac index to assess flow in patients with aortic stenosis." Journal of the American College of Cardiology 75(11): 1801-1801.
53. Gaines R, Mando R, Tucker C, Assar S, **Hite A**, Hanzel GS, Gallagher M, Shannon F, and Abbas AE (2020). "Echocardiographic vs. computed tomographic-derived energy loss index compared to invasive aortic valve area in aortic stenosis." Journal of the American College of Cardiology 75(11): 1802-1802.
54. Gandhi SD, **Cross J**, Siljander M, Fahs A, McQuivey K, Fortin PT, and Wiater PJ (2020). "Dimensions of the lateral malleolar fossa and its potential violation with lateral distal fibular plate fixation." Orthopedics 43(3): E141-E146.
55. Gandhi SD, Wahlmeier ST, Louie P, Sauber R, **Tooley TR**, Baker KC, and Park DK (2020). "Effect of local retropharyngeal steroids on fusion rate after anterior cervical discectomy and fusion." Spine Journal 20(2): 261-265.
56. **Gannon J**, Pollock AJ, Allen DB, and Kling PJ (2020). "A practical screening tool to predict early childhood

- obesity risk: Examining a birth cohort." [Clinical Pediatrics](#). ePub Ahead of Print.
57. **Gappy M**, Barremkala M, and **Farr AC** (2020). "Perception of the Chaldean population towards whole body donation." [The FASEB Journal](#) 34(S1): 1.
 58. **Ghandour M**, Hashim A, Yassin AS, A EL, Shereef H, Mohamed K, Elshekhdreis A, and Singer D (2020). "Progressive multifocal leukoencephalopathy secondary to adalimumab." [American Journal of Therapeutics](#). ePub Ahead of Print.
 59. **Ghiam BK**, Wood EH, Thanos A, and Randhawa S (2020). "CRB1 related retinal degeneration with novel mutation." [American Journal of Ophthalmology Case Reports](#) 18: 100699.
 60. **Gite J**, Milko E, Brady L, and Baker SK (2020). "Phenotypic convergence in Charcot-Marie-Tooth 2Y with novel VCP mutation." [Neuromuscular Disorders](#) 30(3): 232-235.
 61. **Gite J**, **Ramanathan S**, and Hajji-Hussein I (2020). "HPV: The power of vaccination." [The FASEB Journal](#) 34(S1): 1.
 62. Goldman JJ, **Huynh KA**, Elfalal W, Chaiyasate K, and Fahim DK (2020). "Cervical spine and craniocervical junction reconstruction with a vascularized fibula free flap." [World Neurosurgery](#) 144: 34-38.
 63. **Gupta R**, **Pham L**, **Hsia C**, **Daboul R**, **Galen B**, and Gemechu J (2020). "Anatomical variation of high bilateral brachial artery bifurcation: A case report." [The FASEB Journal](#) 34(S1): 1.
 64. Hakim S, **Aneese AM**, Edhi A, **Shams C**, Purohit T, Cannon ME, and Cappell MS (2020). "A statistically significant reduction in length of stay and hospital costs with equivalent quality of care metrics for ERCPs performed during the weekend versus postponed to weekdays: A 6-year study of 533 ERCPs at four teaching hospitals." [Digestive Diseases and Sciences](#) 65(11): 3132-3142.
 65. Halalau A, Ditkoff J, Hamilton J, **Sharrak A**, **Vanood A**, Abbas A, and Ziadeh J (2020). "Emergency center curbside screening during the COVID-19 pandemic: Retrospective cohort study." [JMIR Public Health and Surveillance](#) 6(3): e20040.
 66. Halalau A, Imam Z, Karabon P, **Mankuzhy N**, Shaheen A, Tu J, and Carpenter C (2020). "External validation of a clinical risk score to predict hospital admission and in-hospital mortality in COVID-19 patients." [Annals of Medicine](#) 53(1): 78-86.
 67. Hanni C, Petrovitch E, Ali M, Gibson W, Giuliano C, Holzhausen J, Makowski C, Pallisco A, **Patel N**, Sutter D, To L, and Yost R (2020). "Outcomes associated with apixaban vs warfarin in patients with renal dysfunction." [Blood Advances](#) 4(11): 2366-2371.
 68. Hinckel BB, Pratte EL, Baumann CA, Gowd AK, Farr J, **Liu JN**, Yanke AB, Chahla J, and Sherman SL (2020). "Patellofemoral cartilage restoration: A systematic review and meta-analysis of clinical outcomes." [American Journal of Sports Medicine](#) 48(7): 1756-1772.
 69. **Hite A**, **Travers B**, **Kalthoff R**, **Ray O**, Khan A-M, and Barremkala M (2020). "Gross cross-sectional anatomy as a tool to develop imaging proficiency in medical students." [The FASEB Journal](#) 34(S1): 1-1.
 70. Hooper RC, Nasser JS, **Huetteman HE**, Mack SJ, and Chung KC (2020). "Postoperative follow-up time and justification in prospective hand surgery research: A systematic review." [Journal of Hand Surgery European Volume](#) 45(9):899-903.
 71. **Huynh KA** and Chung KC (2020). "Using evidence for hand surgery: How to practice evidence-based hand

- surgery care." Hand Clinics 36(2): 137-144.
72. Imam Z, Odish F, Armstrong J, **Elassar H, Dokter J**, Langnas E, and Halalau A (2020). "Independent correlates of hospitalization in 2040 patients with COVID-19 at a large hospital system in Michigan, United States." Journal of General Internal Medicine 35(8): 2516-2517.
 73. Imam Z, Odish F, Gill I, O'Connor D, Armstrong J, **Vanood A, Ibrionke O**, Hanna A, **Ranski A**, and Halalau A (2020). "Older age and comorbidity are independent mortality predictors in a large cohort of 1305 COVID-19 patients in Michigan, United States." Journal of Internal Medicine 288(4): 469-476.
 74. Imam Z, Odish F, Gill I, O'Connor D, Armstrong J, **Vanood A, Ibrionke O**, Hanna A, **Ranski A**, and Halalau A (2020). "Circulating trimethyllysine and risk of acute myocardial infarction in patients with suspected stable coronary heart disease." Journal of Internal Medicine 288(4): 446-456.
 75. **Jahshan A**, Quinn TJ, Johnson MC, **Mankuzhy N**, Almahariq MF, Barski M, Ye H, Guerrero TM, Stevens CW, and Grills IS (2020). "Dose-escalated radiation therapy with a simultaneous integrated boost with or without adjuvant immunotherapy for locally advanced non-small cell lung cancer." International Journal of Radiation Oncology, Biology, Physics 108(3): e95-e95.
 76. **Jeon A, Trang A**, Muczinski T, Karabon P, and Khandhar P (2020). "Questioning the FDA warning: Propofol use in the pediatric population." Critical Care Medicine 48(1): 594.
 77. **John J, Bukhsh OA, Skowronski C, Ngo HG, Silverman BR**, and Barremkala M (2020). "Variation in the morphology of the extensor pollicis longus and extensor digitorum muscles: A case report." The FASEB Journal 34(S1): 1-1.
 78. Kelsch R, **Saon M, Sutherland E**, Tech K, and Al-Katib S (2020). "Discrepant reporting style preferences between clinicians and radiologists." Current Problems in Diagnostic Radiology. ePub Ahead of Print.
 79. Kelsch RD, Nolan DA, and **Krishnan A** (2020). "Unusual case of biotin-thiamine responsive encephalopathy without basal ganglia involvement." Pediatric Radiology. ePub Ahead of Print.
 80. Kerndt CC, **Balinski AM**, and Papukhyan HV (2020). "Giant pericardial lipoma inducing cardiac tamponade and new onset atrial flutter." Case Reports in Cardiology 2020: 6937126.
 81. Kerndt CC, Bills JA, Shareef ZJ, **Balinski AM**, Summers DF, and Tan JM (2020). "Early disseminated lyme carditis inducing high-degree atrioventricular block." Case Reports in Cardiology 2020: 5309285.
 82. Kerndt Connor C, Nessel T, Bills John A, Shareef Zaid A, **Balinski A**, and Mistry D (2020). "Cardiac metastasis of lingual squamous cell carcinoma: A systematic review of presentation, management, and outcomes." Circulation 142(Suppl_3): A13127-A13127.
 83. Kim DH, Hwang RW, Lee GH, **Joshi R**, Baker KC, Arnold P, Sasso R, Park D, and Fischgrund J (2020). "Response to Letter to the Editor regarding, "Potential significance of facet joint fusion or posteromedial fusion observed on CT imaging following attempted posterolateral or posterior interbody fusion"." Spine Journal 20(11): 1890-1891.
 84. Kochanny SE, Worden FP, Adkins DR, Lim DW, Bauman JE, Wagner SA, **Brisson RJ**, Karrison TG, Stadler WM, Vokes EE, and Seiwert TY (2020). "A randomized phase 2 network trial of tivantinib plus cetuximab versus cetuximab in patients with recurrent/metastatic head and neck squamous cell carcinoma." Cancer (0008543X) 126(10): 2146-2152.
 85. Koulisis N, Moysidis SN, Govindaraju VK, **Dersch AM**, Capone A, Jr., Covert DJ, Dadgostar H, Dass AB,

- Drenser KA, Engstrom RE, Jr., Faia LJ, Garretson BR, Guerami AH, Hanscom TA, Mahmoud TH, Margherio AR, Oh KT, Randhawa S, Raphaelian PV, Rhoades WR, Ruby AJ, Sanfilippo CJ, Sneed SR, Trese MT, Wolfe JD, Williams GA, Yedavally S, and Hassan TS (2020). "Clinical outcomes and treatment course of eyes with neovascular age-related macular degeneration following the development of endophthalmitis." Retina. ePub Ahead of Print.
86. **Kruse A, Huetteman H, Harvey R**, Gemechu J, and Barremkala M (2020). "Mockticals: Student-directed anatomy mock practical exams in a cadaver laboratory." The FASEB Journal 34(S1): 1.
 87. **Kus KJB**, Karia PS, Schmults CD, and Ruiz ES (2020). "Identification of skin cancer screening visits by using claims data." Journal of the American Academy of Dermatology 82(2): 504-505.
 88. **Kus KJB** and Ruiz ES (2020). "Wound dressings – A practical review." Current Dermatology Reports 9(4): 298-308.
 89. Lapkus M, **Al-Hadidi A**, Karabon P, **Naseem A**, Khandhar P, and Akay B (2020). "Impact of reintubation and use of respiratory rescue therapy in the pediatric intensive care unit." Critical Care Medicine 48(1): 162.
 90. **Ledvina A**, Hamilton J, Clark C, Bastani A, Otero R, Ziadeh J, Ditzkoff J, and Swor R (2020). "Preliminary report of drive through COVID-19 screening process in a large suburban hospital." Annals of Emergency Medicine 76(4): S127-S127.
 91. Lee AA, Rao K, Limsrivilai J, Gilliland M, **Malamet B**, Briggs E, Young VB, and Higgins PDR (2020). "Temporal gut microbial changes predict recurrent clostridiodes difficile infection in patients with and without ulcerative colitis." Inflammatory Bowel Diseases 26(11):1748-1758.
 92. Li G, **Dietz CJK**, Freundlich RE, Shotwell MS, and Wanderer JP (2020). "The impact of an intraoperative clinical decision support tool to optimize perioperative glycemic management." Journal of Medical Systems 44(10): 175.
 93. **Loudon N**, Loudon J, Gonchigar A, Laage Gaupp F, and Minja F (2020). "Implementation of an automated patient follow-up system in a low-resource setting." Journal of Vascular & Interventional Radiology 31: S36-S37.
 94. Lucas JP, **Allen M, Nguyen BK**, Svider PF, Folbe AJ, and Carron M (2020). "Orbital roof fractures: An evidence-based approach." Facial Plastic Surgery and Aesthetic Medicine 22(6): 471-480.
 95. Lucas JP, **Allen M**, Siegel B, and Gonik N (2020). "Diagnosis and management of congenital floor of mouth masses: A systematic review." International Journal of Pediatric Otorhinolaryngology. ePub Ahead of Print.
 96. Luehmann NC, **Pastewski JM**, Cirino JA, **Al-Hadidi A, DeMare AM**, Riggs TW, Novotny NM, and Akay B (2020). "Implementation of a pediatric trauma cervical spine clearance pathway." Pediatric Surgery International 36(1): 93-101.
 97. Maas MB, Lizza BD, Abbott SM, Liotta EM, Gendy M, **Eed J**, Naidech AM, Reid KJ, and Zee PC (2020). "Factors disrupting melatonin secretion rhythms during critical illness." Critical Care Medicine 48(6): 854-861.
 98. Mando R, Hanzel GS, **Hite A**, Arce PFS, Gallagher M, Lau W, Pibarot P, Shannon F, and Abbas AE (2020). "Invasive hemodynamic characterization of different flow-gradient aortic stenosis states." Journal of the American College of Cardiology 75(11): 1483-1483.
 99. Mando R, Hanzel GS, **Hite A**, Sigua-Arce P, Gallagher M, Lau W, Pibarot P, Shannon F, and Abbas AE (2020). "Echocardiographic/catheterization discordance in low vs. high gradient and low vs. normal flow aortic

- stenosis." Journal of the American College of Cardiology 75(11): 1484-1484.
100. **Mankuzhy NP, Jahshan A**, Quinn TJ, Almahariq MF, Qu L, and Grills IS (2020). "An efficient and objective method for identifying radiation-related cardiac toxicity after definitive conventional radiation for locally advanced non-small cell lung cancer." International Journal of Radiation Oncology, Biology, Physics 108(3): e84-e84.
 101. **Mankuzhy NP**, Almahariq MF, Siddiqui ZA, Thompson AB, Grills IS, Guerrero TM, Lee KC, Stevens CW, and Quinn TJ (2020). "The role of postoperative radiation therapy for pN2 non-small-cell lung cancer." Clinical Lung Cancer. ePub Ahead of Print.
 102. **Mankuzhy NP**, Almahariq MF, Ye H, Amin M, Stone B, and Krauss DJ (2020). "Investigation of the prognostic significance of neuroendocrine differentiation in Gleason Score 7 to 10 prostate adenocarcinoma in patients with distant metastasis after definitive radiotherapy." American Journal of Clinical Pathology. ePub Ahead of Print.
 103. **Mankuzhy N**, Almahariq MF, Stevens C, and Quinn T (2020). "High lymph node positive to sampled ratio as a potential indication for postoperative radiation therapy in patients with pN2 non-small-cell lung cancer." Journal of Cancer Immunology 2(4): 207-210.
 104. McConachie S, Wahby K, Almadrahi Z, and **Wilhelm SM** (2020). "Early experiences with PEGylated carboxyhemoglobin bovine in anemic Jehovah's Witnesses: A case series and review of the literature." Journal of Pharmacy Practice 33(3): 372-377.
 105. McConachie SM, Hanni CM, Raub JN, Mohammad RA, and **Wilhelm SM** (2020). "The impact of multiple renal estimates on pharmacist dosing recommendations: A randomized trial." Annals of Pharmacotherapy. ePub Ahead of Print.
 106. **McCrohan M** and **Harvey R** (2020). "Medical student childcare helpers (iCollaborative)." MedEdPortal Resource ID 11081.
 107. Meka SG, **Mohr M**, Nair GB, and Salman BA (2020). "Autoimmune pulmonary alveolar proteinosis mimicking mycoplasma pneumonia in an adolescent." Respiratory Medicine Case Reports 30: 101100.
 108. Miller P, **Xiao A**, Kung V, Sibley R, Higgins J, Kambham N, Charu V, Lenihan C, Talley E, Walavalkar V, Laszik GZ, Arora N, Nast C, and Troxell M (2020). "Progression of proliferative glomerulonephritis with monoclonal IgG deposits in pediatric patients." Laboratory Investigation 100(SUPPL 1): 1589-1590.
 109. Miller P, **Xiao AY**, Kung VL, Sibley RK, Higgins JP, Kambham N, Charu V, Lenihan C, Uber AM, Talley EM, Arora N, Walavalkar V, Laszik ZG, Nast CC, and Troxell ML (2020). "Progression of proliferative glomerulonephritis with monoclonal IgG deposits in pediatric patients." Pediatric Nephrology. ePub Ahead of Print.
 110. **Mohr M, Olive E**, Barremkala M, Browne B, and Venuti J (2020). "Does teaching an etymological dissection tool aid student understanding and retention of terminology?" The FASEB Journal 34(S1): 1.
 111. Mustafa S, Armstrong J, **Chapman J**, Khaled Z, and Marijanovich N (2020). "Pericardial fat necrosis: A rare cause of ACUTE chest pain." Journal of the American College of Cardiology 75(11): 2526-2526.
 112. Mustafa S, Balla AK, **Chapman J**, and Halalau A (2020). "Acute aortic dissection presenting with transient paraplegia." Journal of the American College of Cardiology 75(11): 2593-2593.
 113. Narla S, **Oska S**, Lyons AB, Lim HW, and Hamzavi IH (2020). "Association of myalgias with compounded

- topical Janus kinase inhibitor use in vitiligo." JAAD Case Reports 6(7): 637-639.
114. Navin MC, Wasserman JA, **Jain S**, Baughman KR, and Laventhal NT (2020). "When do pediatricians call the ethics consultation service? Impact of clinical experience and formal ethics training." AJOB Empirical Bioethics 11(2): 83-90.
 115. **Nguyen A**, Patel AA, Chandra V, and Nazerali RS (2020). "Ultrasound guided liposuction for superficialization of difficult to access arteriovenous fistulas." Journal of Plastic Reconstructive & Aesthetic Surgery 73(11): P2086-2102.
 116. **Nguyen BK**, Svider PF, Hsueh WD, and Folbe AJ (2020). "Perioperative analgesia for sinus and skull-base surgery." Otolaryngologic Clinics of North America 53(5): 789-802.
 117. **Nierstedt RT**, Yeahia R, and Barnett KM (2020). "Unanticipated myocarditis in a surgical patient treated with pembrolizumab: A case report." A & A Practice 14(6): e01177.
 118. O'Connell T, **Triska J**, George J, Safian RD, and Chinnaiyan K (2020). "Coronary CTA and CT-derived fractional flow reserve: Gatekeepers to invasive angiography in patients with high pre-test probability of coronary artery disease." Journal of the American College of Cardiology 75(11): 1634-1634.
 119. **Omar H**, **Yue R**, **Amen A**, Kowalenko T, and Walters BL (2020). "Reassessment of violence toward emergency medicine physicians in Michigan." American Journal of Emergency Medicine 38(8): 1582-1583.
 120. **Oska S**, Lerma E, and Topf J (2020). "A picture is worth a thousand views: A triple crossover trial of visual abstracts to examine their impact on research dissemination." Journal of Medical Internet Research 22(12): e22327.
 121. **Oska S**, Yeager DG, Zarbo A, Friedman BJ, and Shwayder T (2020). "Ataxia telangiectasia and melanoma: The role of dermatology in ataxia telangiectasia." Journal of the American Academy of Dermatology 83: AB209-AB209.
 122. **Oska S**, Zarbo A, and Jahnke MN (2020). "Sleep-related rhythmic movement disorder: A case report of head banging alopecia." Pediatric Dermatology 37(2): 350-351.
 123. **Oska S**, Zarbo A, Yeager D, **Friedman BJ**, and Shwayder T (2020). "Melanoma arising in a patient with ataxia-telangiectasia: A call for full skin examinations in this patient population." Pediatric Dermatology 37(4):767-768.
 124. **Oska SR**, Chaiyasate K, and Lu SM (2020). "Fore! A 10-year analysis of golf-related facial fractures." Plastic and Reconstructive Surgery 8(10): e3128.
 125. **Partiali B**, **Oska S**, **Barbat A**, and Folbe A (2020). "The representation of women and underrepresented minorities in emergency medicine: A look into resident diversity." American Journal of Emergency Medicine. ePub Ahead of Print.
 126. **Partiali B**, **Oska S**, **Barbat A**, Sneij J, and Folbe A (2020). "Injuries to the head and face from skateboarding: A 10-year analysis from National Electronic Injury Surveillance System Hospitals." Journal of Oral and Maxillofacial Surgery 78(9):1590-1594.
 127. **Partiali B**, **Oska S**, **Touriel RB**, **Delise A**, **Barbat A**, and Folbe A (2020). "Gender disparity in speakers at a major academic emergency medicine conference." Emergency Medicine Journal. ePub Ahead of Print.
 128. **Patel NM**, Limberg JK, Covassin N, Somers VK, Joyner MJ, and Baker SE (2020). "Attenuated sympathetic

- baroreflex sensitivity evoked by acute mental stress but not prolonged sleep restriction in healthy adults." The FASEB Journal 34(S1): 1.
129. **Pathangey G**, Hanzel GS, Shannon F, Hanson I, Lau W, Almany S, Safian RD, Kerner N, Gallagher M, Vivacqua A, and Abbas AE (2020). "Left ventricular diastolic function improvement one year after transcatheter aortic valve replacement for severe aortic stenosis." Journal of the American College of Cardiology 75(11): 1256.
 130. Peterson E, **Fergus J**, Yost C, Qu L, and Chittick PJ (2020). "The effect of a multimodal stewardship approach on antibiotic prescribing for outpatients with acute respiratory tract infections: Order set implementation and education." Journal of the American College of Clinical Pharmacy 3(7): 1319-1325.
 131. Pfennig M, **Porcaro S**, **Khatchadourian N**, **Bughrara M**, **Burkett E**, and Barremkala M (2020). "Rare bilateral variation of the extensor indicis tendon in two female cadavers." The FASEB Journal 34(S1): 1.
 132. Porter E, **Fuentes P**, Siddiqui Z, Thompson A, Levitin R, Solis D, Myziuk N, and Guerrero T (2020). "Hippocampus segmentation on non-contrast CT using deep learning." Medical Physics 47(7):2950-2961.
 133. Rao P, Lertjirachai I, Yonekawa Y, Hasbrook M, Thomas BJ, Wood EH, **Mehta N**, Mane G, Drenser KA, Trese MT, and Capone A, Jr. (2020). "Etiology and clinical characteristics of macular edema in patients with familial exudative vitreoretinopathy." Retina 40(7): 1367-1373.
 134. **Saban RJ**, **Berns MM**, Al-Hakim MM, and Patino GA (2020). "Hydrocephalus as the presenting symptom of sarcoidosis: A case report and review of literature." Clinical Case Reports 8(2): 363-368.
 135. Sadleir LG, de Valles-Ibáñez G, King C, Coleman M, Mossman S, Paterson S, **Nguyen J**, Berkovic SF, Mullen S, Bahlo M, Hildebrand MS, Mefford HC, and Scheffer IE (2020). "Inherited RORB pathogenic variants: Overlap of photosensitive genetic generalized and occipital lobe epilepsy." Epilepsia 61(4): e23-e29.
 136. **Scherzer ZA**, Alvarez C, Renner JB, Murphy LB, Schwartz TA, Jordan JM, Golightly YM, and Nelson AE (2020). "Effects of comorbid cardiovascular disease and diabetes mellitus on hand osteoarthritis, pain, and functional state transitions." The Journal of Rheumatology 47(10):1541-1549.
 137. Schmidt BM, **Allison S**, and Wrobel JS (2020). "Describing normative foot temperatures in patients with diabetes-related peripheral neuropathy." Journal of Diabetes Science and Technology 14(1): 22-27.
 138. **Schoenherr DT**, Dereski MO, Bernacki KD, **Hafez-Khayyata S**, and Attardi SM (2020). "Online integrative histology module improves self-efficacy for medical students with lower course performance." The FASEB Journal 34(S1): 1-1.
 139. Schwartz AM, Anastasio AT, Farley KX, **Boden S**, Wagner ER, and Gottschalk MB (2020). "Complications and mortality in patients with chronic kidney disease undergoing total shoulder arthroplasty." Seminars in Arthroplasty 30(2): 96-103.
 140. Sebai M, Karabon PE, **Luan T**, Sayee K, and Dekhne N (2020). "Gender differences and survival outcomes in breast cancer patients: Stage stratified propensity scoring analysis of the National Cancer Database." Annals of Surgical Oncology 27(SUPPL 1): S145-S146.
 141. Seiwert TY, Kochanny S, Wood K, Worden FP, Adkins D, Wade JL, Sleckman BG, Anderson D, **Brisson RJ**, Karrison T, Stadler WM, and Vokes EE (2020). "A randomized phase 2 study of temsirolimus and cetuximab versus temsirolimus alone in recurrent/metastatic, cetuximab-resistant head and neck cancer: The MAESTRO study." Cancer 126(14): 3237-3243.
 142. Selkie E, Adkins V, Masters E, **Bajpai A**, and Shumer D (2020). "Transgender adolescents' uses of social media

- for social support." Journal of Adolescent Health 66(3): 275-280.
143. **Sellers T, Ghannam M, Asantey K, Klei J, Olive E,** and Roach VA (2020). "An early introduction to surgical skills: Validating a low-cost laparoscopic skill training program purpose built for undergraduate medical education." American Journal of Surgery 221(1): 95-100
 144. **Sharrak A,** Nguyen T, and Karabon P (2020). "Industry research payments to urologists: The first 5 years of open payments research data." Journal of Urology 204(3): 408-410.
 145. **Sharrak A,** Yoskowitz R, Karabon P, and Lerchenfeldt S (2020). "Understanding opioid addiction in the Chaldean community: A brief report." Journal of Immigrant and Minority Health 23: 405-408.
 146. Shields RA, **Lee IJ, Brown MM,** Dong LK, Lee R, Wa CA, and Hassan TS (2020). "Clinical course and characteristics of eyes that developed recurrent episodes of endophthalmitis." Ophthalmology Retina. ePub Ahead of Print.
 147. Shields RA, **Oska SR,** Farley ND, and Randhawa S (2020). "Influenza-induced acute macular neuroretinopathy with cerebral involvement in a ten-year-old boy." Ophthalmic Surgery Lasers and Imaging Retina 51(5): 293-297.
 148. **Skowronski C, Ngo HG, John J, Bukhsh O, Silverman BR,** Venuti J, and Barremkala M (2020). "A rare occurrence of left-sided inferior vena cava: A case report." The FASEB Journal 34(S1): 1.
 149. **Spillinger A,** Park K, **Shenouda K,** and **Folbe AJ** (2020). "Endoscopic management of postradiation skull base osteoradionecrosis." International Forum of Allergy & Rhinology 10(12): 1329-1333.
 150. Stussman B, **Williams A,** Snow J, Gavin A, Scott R, Nath A, and Walitt B (2020). "Characterization of post-exertional malaise in patients with myalgic encephalomyelitis/chronic fatigue syndrome." Frontiers in Neurology 11: 1025.
 151. Tariq T, Karabon P, Irfan FB, Sieloff EM, **Patterson R,** and Desai AP (2020). "National trends and outcomes of nonautoimmune hemolytic anemia in alcoholic liver disease: Analysis of the Nationwide Inpatient Sample." Journal of Clinical Gastroenterology 55(3): 258-262.
 152. **Thomas AM,** Fahim DK, and Gemechu JM (2020). "Anatomical variations of the recurrent laryngeal nerve and implications for injury prevention during surgical procedures of the neck." Diagnostics 10(9): 670.
 153. Todd BR, **Nierenberg L,** and Price J (2020). "Mondor's Disease: A rare cause of chest pain in the emergency department." Cureus 12(2): e6917.
 154. Todd BR, **Patel K,** Chen N, **Prewitt N,** and Shah P (2020). "Risk factors for mortality in emergency medicine morbidity and mortality cases." Annals of Emergency Medicine 76(4): S100-S100.
 155. Tran AQ, Zhang-Nunes SX, Cahill K, Alabiad CR, Shriver EM, Ho T, Weinberg DA, Couch SM, Schlachter DM, **Nguyen J,** and Wester ST (2020). "Thyroid eye disease with choroidal folds." Orbit. ePub Ahead of Print.
 156. **Travers B, Hite A, Kalthoff R, Ray O,** Gould D, and Barremkala M (2020). "Human cadaver preservation techniques during prolonged dissection on downdraft tables in a gross anatomy laboratory." The FASEB Journal 34(S1): 1.
 157. **Travers B,** Jones S, Bastani A, Opsommer M, Beydoun A, Karabon P, and Donaldson D (2020). "Assessing geriatric patients with head injury in the emergency department using the novel level III trauma protocol." American Journal of Emergency Medicine. ePub Ahead of Print.

158. **Triska JS**, Barremkala M, and **Farr AC** (2020). "The effects of christianity on whole body donation within the African American community." The FASEB Journal 34(S1): 1.
159. **Vakharia P**, Xie M, and Al-Hakim MM (2020). "Facial nerve palsy after temporal artery biopsy." SKINmed 18(1): 54-55.
160. **Vanood A**, Ah Lee Y, Leleszi E, and **Krishnan A** (2020). "Symptomatic neurocutaneous melanosis: Mild clinical onset in a teenager." BMJ Case Reports 13(11): e235772.
161. **Vanood A, Sharrak A**, and Khalid V (2020). "HSV-2 meningitis presenting with diarrhea: Diagnostic dilemma during the COVID-19 Pandemic." Journal of Clinical Case Reports and Clinical Research 2(1): 101.
162. Vitug S, **Ravi V**, and Thangathurai D (2020). "Sedation with ketamine and fentanyl combination improves patient outcomes in intensive care units." SN Comprehensive Clinical Medicine. ePub Ahead of Print.
163. Vollstedt A, **Rezaee ME**, Monga M, Zampini A, Krambeck AE, Shah O, Sur RL, Chew B, Eisner B, and Pais V (2020). "The use of outpatient opioid medication for acute renal colic and ureteral stents: Insights from a multi-institutional patient survey." Clinical Nephrology 93(6): 269-274.
164. **Walter BL, Suhrawardy A, Ahmadi P, Walton H, Mrowczynski S, Khatter N, Mielke N, Armstrong Z**, and Barremkala M (2020). "Anomalous origin of obturator artery from inferior epigastric artery." The FASEB Journal 34(S1): 1.
165. Wang C, Kraus CN, **Patel KG**, Ganesan AK, and Grando SA (2020). "Real-world experience of dupilumab treatment for atopic dermatitis in adults: A retrospective analysis of patients' records." International Journal of Dermatology 59(2): 253-256.
166. Wasserman JA, Navin MC, **Drzyzga V**, and Gibb TS (2020). "Practising what we preach: Clinical ethicists' professional perspectives and personal use of advance directives." Journal of Medical Ethics. ePub Ahead of Print.
167. **Weiner AJ, Weiner Y**, and Weiner A (2020). "Intraocular pressure after cataract surgery combined with ab-interno trabeculectomy versus trabecular micro-bypass stent: An intra-subject same-surgeon comparison." Journal of Glaucoma 29(9):773-782.
168. **Weiner AJ, Weiner Y**, and Weiner A (2020). "Corneal parameters following tube shunt implantation through the ciliary sulcus." Ophthalmol Glaucoma. ePub Ahead of Print.
169. **Wiczorek M**, Otero R, Knight S, Ziadeh K, **Blumline J, Rollins Z**, Littmann H, Hufstader R, and Swor R (2020). "Outcomes for patients with congestive heart failure and chronic kidney disease receiving fluid resuscitation for severe sepsis or septic shock." Annals of Emergency Medicine 76(4): S121-S121.
170. **Wiegmann D** and Haddad L (2020). "Two is better than one: The combined effects of glycolic acid and salicylic acid on acne-related disorders." Journal of Cosmetic Dermatology 19(9): 2349-2351.
171. Wilson G, Arden J, Quinn T, Wilson T, Hanna A, **Barker K**, Deraniyagala R, and Baschnagel AM (2020). "Automated quantification of CD44, c-MET, EGFR, MTOR, and GLUT1 expression in head and neck squamous cell carcinoma: The impact of p16 status and response to chemoradiation." Clinical Oncology and Research 2020(6): 1-10.
172. Wilson TG, Hanna A, **Recknagel J**, Pruetz BL, Baschnagel AM, and Wilson GD (2020). "Prognostic significance of MTOR expression in HPV positive and negative head and neck cancers treated by chemoradiation." Head

and Neck 42(2): 153-162.

173. Yassin AS, Subahi A, Adegbala O, Abubakar H, Dawdy J, Mishra T, Akintoye E, Shereef H, **Ghandour M**, Alhusain R, Shokr M, Oviedo C, and Afonso L (2020). "Clinical impact of atrial fibrillation on short-term outcomes and in-hospital mortality in patients with Takotsubo Syndrome: A propensity-matched national study." Cardiovascular Revascularization Medicine 21(4): 522-526.
174. **Yuhan BT, Trang A**, Hutz MJ, and Leonetti JP (2020). "Primary paraganglioma of the facial canal: An evidence-based approach." Otolaryngology-Head & Neck Surgery 162(4): 458-468.