

Articles

1. Abdul-Aziz AA, **Altawil M**, Lyon A, MacEachern M, Richardson CR, Rubenfire M, Pelosi F, Jr., Jackson EA. Lifestyle therapy for the management of atrial fibrillation. *Am J Cardiol*. Feb 7 2018;Epub ahead of print PMID: 29650239.
2. **Afana M**, Gurm HS, Seth M, Frazier KM, Fielding S, **Koenig GC**. Primary percutaneous coronary intervention at centers with and without on-site surgical support: Insights from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium (BMC2). *Am Heart J*. Jan 2018;195:99-107. PMID: 29224652.
3. Ahmed AM, Qureshi WT, Sakr S, Blaha MJ, **Brawner CA**, Ehrman JK, **Keteyian SJ**, **Al-Mallah MH**. Prognostic value of exercise capacity among patients with treated depression: The Henry Ford Exercise Testing (FIT) Project. *Clin Cardiol*. Apr 2018;41(4):532-538. PMID: 29665017.
4. **Al Adas Z**, **Shepard AD**, **Weaver MR**, **Miller DJ**, **Nypaver TJ**, **Modi S**, **Affan M**, **Nour K**, **Balraj P**, **Kabbani LS**. Cerebrovascular injuries found in acute type B aortic dissections are associated with blood pressure derangements and poor outcome. *J Vasc Surg*. Jun 23 2018;Epub ahead of print PMID: 29945839.
5. Al Rifai M, Blaha MJ, Rahman F, **Ehrman JK**, **Brawner CA**, **Keteyian SJ**, **Al-Mallah MH**, McEvoy JW. Inverse association of pulse pressure augmentation during exercise with heart failure and death. *Heart*. Oct 25 2018;Epub ahead of print PMID: 30361271.
6. **Alaswad K**, **Basir MB**, **Khandelwal A**, Schreiber T, Lombardi W, **O'Neill W**. The role of mechanical circulatory support during percutaneous coronary intervention in patients without severely depressed left ventricular function. *Am J Cardiol*. 2018;ePub Ahead of Print PMID: 29370923.
7. Allen LA, Adler ED, Bayes-Genis A, Brisco-Bacik MA, Chirinos JA, Claggett B, Cook JL, Fang JC, Gustafsson F, Ho CY, Kapur NK, Klewer SE, Kociol RD, **Lanfear DE**, Vardeny O, Sweitzer NK. When the vest does not fit: Representations of trial results deviating from rigorous data interpretation. *Circ Heart Fail*. Apr 2018;11(4):e005116. PMID: 29666074.
8. **Alqarqaz M**, **Basir M**, **Alaswad K**, **O'Neill W**. Effects of impella on coronary perfusion in patients with critical coronary artery stenosis. *Circ Cardiovasc Interv*. Apr 2018;11(4):e005870. PMID: 29643128.
9. Anderson M, Morris DL, Tang D, Batsides G, Kirtane A, Hanson I, Meraj P, Kapur N, **O'Neill W**. Outcomes of patients with right ventricular failure requiring short-term hemodynamic support with the Impella RP device. *J Heart Lung Transplant*. Aug 8 2018;Epub ahead of print PMID: 30241890.
10. Ando T, Adegbala O, **Villablanca P**, Akintoye E, Ashraf S, Shokr M, Briasoulis A, Takagi H, Grines CL, Afonso L, Schreiber T. Incidence, predictors, and in-hospital outcomes of transcatheter aortic valve implantation after nonelective admission in comparison with elective admission: From the nationwide inpatient sample database. *Am J Cardiol*. Sep 26 2018;Epub ahead of print PMID: 30360892.
11. Ando T, Aoi S, Ashraf S, **Villablanca PA**, Telila T, Briasoulis A, Takagi H, Afonso L, Grines CL. Transradial versus transfemoral percutaneous coronary intervention of left main disease: A systematic review and meta-analysis of observational studies. *Catheter Cardiovasc Interv*. Dec 10 2018;Epub ahead of print PMID: 30536799.
12. Ando T, Ashraf S, **Villablanca PA**, Telila TA, Takagi H, Grines CL, Afonso L, Briasoulis A. Meta-analysis comparing the incidence of infective endocarditis following transcatheter aortic valve implantation versus surgical aortic valve replacement. *Am J Cardiol*. Dec 3 2018;Epub ahead of print PMID: 30545481.

13. Annamalai SK, Esposito ML, Jorde L, Schreiber T, Hall S, **O'Neill WW**, Kapur NK. The impella micro-axial flow catheter is safe and effective for treatment of myocarditis complicated by cardiogenic shock: An analysis from the global cvad registry. *J Card Fail*. Sep 20 2018;Epub ahead of print PMID: 30244180.
14. Aslam S, Xie R, **Cowger J**, Kirklin JK, Chu VH, Schueler S, de By T, Gould K, Morrissey O, Lund LH, Martin S, Goldstein D, Hannan M. Bloodstream infections in mechanical circulatory support device recipients in the International Society of Heart and Lung Transplantation Mechanically Assisted Circulation Support Registry: Epidemiology, risk factors, and mortality. *J Heart Lung Transplant*. Apr 25 2018;Epub ahead of print PMID: 29936085.
15. Azzalini L, Karatasakis A, Spratt JC, Tajti P, Riley RF, Ybarra LF, Schumacher SP, Benincasa S, Bellini B, Candilio L, Mitomo S, Henriksen P, Hidalgo F, Timmers L, Kraaijeveld AO, Agostoni P, Roy J, Ramsay DR, Weaver JC, Knaapen P, Nap A, Starcevic B, Ojeda S, Pan M, **Alaswad K**, Lombardi WL, Carlino M, Brilakis ES, Colombo A, Rinfret S, Mashayekhi K. Subadventitial stenting around occluded stents: A bailout technique to recanalize in-stent chronic total occlusions. *Catheter Cardiovasc Interv*. Jan 4 2018 PMID: 29314563.
16. Bachmann JM, Duncan MS, Shah AS, Greevy RA, Jr., Lindenfeld J, **Keteyian SJ**, Thomas RJ, Whooley MA, Wang TJ, Freiberg MS. Association of cardiac rehabilitation with decreased hospitalizations and mortality after ventricular assist device implantation. *JACC Heart Fail*. Feb 2018;6(2):130-139. PMID: 29413368.
17. Bateman TM, **Ananthasubramaniam K**, Berman DS, Gerson M, Gropler R, Henzlova M, Mendoza F, Miyamoto M, Shah M, Weiland F. Reliability of the (123)I-mIBG heart/mediastinum ratio: Results of a multicenter test-retest reproducibility study. *J Nucl Cardiol*. Jan 17 2018;Epub ahead of print PMID: 29344924.
18. Bayes-Genis A, **Lanfear DE**, de Ronde MWJ, Lupon J, Leenders JJ, Liu Z, Zuithoff NPA, Eijkemans MJC, Zamora E, De Antonio M, Zwinderman AH, Pinto-Sietsma SJ, Pinto YM. Prognostic value of circulating microRNAs on heart failure-related morbidity and mortality in two large diverse cohorts of general heart failure patients. *Eur J Heart Fail*. Jan 2018;20(1):67-75. PMID: 28949058.
19. Beri N, Daniels LB, Jaffe A, Mueller C, Anand I, Peacock WF, Hollander JE, DeFilippi C, Schreiber D, **McCord J**, Limkakeng AT, Wu AHB, Apple FS, Diercks DB, Nagurney JT, **Nowak RM**, Cannon CM, Clopton P, Neath SX, Christenson RH, Hogan C, Vilke G, Maisel A. Copeptin to rule out myocardial infarction in Blacks versus Caucasians. *Eur Heart J Acute Cardiovasc Care*. May 1 2018;Epub ahead of print:2048872618772500. PMID: 29737180.
20. Casida JM, Davis JE, Pagani FD, Aikens JE, **Williams C**, Yang JJ. Sleep and self-care correlates before and after implantation of a left-ventricular assist device (LVAD). *J Artif Organs*. Apr 13 2018;Epub ahead of print PMID: 29651631.
21. Cavalcante JL, **Wang DD**. Structural heart interventional imagers - the new face of cardiac imaging. *Arq Bras Cardiol*. Nov 2018;111(5):645-647. PMID: 30484504.
22. Chirinos JA, **Lanfear DE**. Embracing the long road to precision medicine. *Circ Heart Fail*. Jul 2018;11(7):e005089. PMID: 29997241.
23. Colombo PC, Mehra MR, Goldstein DJ, Estep JD, Salerno C, Jorde UP, **Cowger JA**, Cleveland JC, Uriel N, Sayer G, Skipper ER, Downey FX, Ono M, Hooker R, Anyanwu AC, Givertz MM, Mahr C, Topuria I, Somo SI, Crandall DL, Horstmannshof DA. Comprehensive analysis of stroke in the longterm cohort of the MOMENTUM 3 study: A randomized controlled trial of the heartmate 3 versus the heartmate II cardiac pump. *Circulation*. Sep 17 2018;Epub ahead of print PMID: 30586698.
24. **Cowger J**. Living Unhappily on Left Ventricular Assist Device Support: The Impetus for Shared Decision Making. *JACC Heart Fail*. Oct 4 2018;Epub ahead of print PMID: 30316932.

25. **Cowger JA, Grafton G.** Candidate selection for durable mechanical circulatory support. *Cardiol Clin.* Nov 2018;36(4):487-494. PMID: 30297066.
26. **Cowger JA,** Naka Y, Aaronson KD, Horstmanshof D, Gulati S, Rinde-Hoffman D, Pinney S, Adatya S, Farrar DJ, Jorde UP. Quality of life and functional capacity outcomes in the MOMENTUM 3 trial at 6 months: A call for new metrics for left ventricular assist device patients. *J Heart Lung Transplant.* Jan 2018;37(1):15-24. PMID: 29153637.
27. **Cowger JA, Radjef R.** Advanced heart failure therapies and cardiorenal syndrome. *Adv Chronic Kidney Dis.* Sep 2018;25(5):443-453. PMID: 30309462.
28. **Cowger JA,** Shah KB. Solving the Puzzle of the Hematologic-Left Ventricular Assist Device Interface One Piece at a Time. *Asaio j.* Jun 11 2018;Epub ahead of print PMID: 29901474.
29. Danek BA, **Basir MB, O'Neill WW, Alqarqaz M,** Karatasakis A, Karpaliotis D, Jaffer FA, Yeh RW, Wyman M, Lombardi WL, Kandzari D, Lembo N, Doing A, Patel M, Mahmud E, Choi JW, Toma C, Moses JW, Kirtane A, Parikh M, Ali ZA, Garcia S, Karacsonyi J, Rangan BV, Thompson CA, Banerjee S, Brilakis ES, **Alaswad K.** Mechanical circulatory support in chronic total occlusion percutaneous coronary intervention: Insights from a multicenter U.S. Registry. *J Invasive Cardiol.* Mar 2018;30(3):81-87. PMID: 29493509.
30. Davis FM, Albright J, Gallagher KA, Gurm HS, **Koenig GC,** Schreiber T, Grossman PM, Henke PK. Early outcomes following endovascular, open surgical, and hybrid revascularization for lower extremity acute limb ischemia. *Ann Vasc Surg.* Mar 5 2018;Epub ahead of print PMID: 29518503.
31. Dorbala S, **Ananthasubramaniam K,** Armstrong IS, Chareonthaitawee P, DePuey EG, Einstein AJ, Gropler RJ, Holly TA, Mahmarian JJ, Park MA, Polk DM, Russell R, 3rd, Slomka PJ, Thompson RC, Wells RG. Single photon emission computed tomography (spect) myocardial perfusion imaging guidelines: Instrumentation, acquisition, processing, and interpretation. *J Nucl Cardiol.* May 25 2018;Epub ahead of print PMID: 29802599.
32. Dungen HD, Petroni R, Correale M, Coiro S, Monitillo F, Triggiani M, Leone M, Antohi EL, Ishihara S, Sarwar CMS, **Sabbah HN,** Memo M, Metra M, Butler J, Nodari S, Gheorghiade M. A new educational program in heart failure drug development: the Brescia international master program. *J Cardiovasc Med (Hagerstown).* Aug 2018;19(8):411-421. PMID: 29952846.
33. **Ehrman JK, Brawner CA,** Shafiq A, **Lanfeer DE, Saval M, Keteyian SJ.** Cardiopulmonary exercise measures of men and women with hfref differ in their relationship to prognosis: The henry ford hospital cardiopulmonary exercise testing (fit-cpx) project. *J Card Fail.* Feb 26 2018;Epub ahead of print PMID: 29496519.
34. **Eng MH, Wang DD.** Transseptal transcatheter mitral valve replacement for post-surgical mitral failures. *Interv Cardiol Review.* 2018;13(2):77-80. PMID: Not assigned.
35. **Eng MH, Wang DD.** Computed tomography for left atrial appendage occlusion case planning. *Interv Cardiol Clin.* Jul 2018;7(3):367-378. PMID: 29983148.
36. **Eng MH, Wang DD.** Transcatheter mitral valve therapy: Defining the patient who will benefit. *Curr Cardiol Rep.* Sep 12 2018;20(11):107. PMID: 30209638.
37. **Eng MH, Wang DD, Greenbaum AB, Gheewala N, Kupsky D, Aka T, Song T,** Kendall BJ, **Wyman J, Myers E, Forbes M, O'Neill WW.** Prospective, randomized comparison of 3-dimensional computed tomography guidance versus TEE data for left atrial appendage occlusion (PRO3DLAAO). *Catheter Cardiovasc Interv.* Feb 1 2018;Epub ahead of print PMID: 29388306.

38. **Frisoli TM**, Greenbaum A, **O'Neill WW**, **Wang DD**, **Eng M**. Percutaneous repair of mitral valve leaflet perforation. *JACC Cardiovasc Interv.* Dec 21 2018;Epub ahead of print PMID: 30594508.
39. Gafoor S, **Wang DD**. Does the Idea of Percutaneous Tricuspid Valve Replacement Need Repair? *JACC Cardiovasc Imaging.* Dec 6 2018;Epub ahead of print PMID: 30553679.
40. Gopinathannair R, Roukoz H, Bhan A, Ravichandran A, Ahmed MM, Familtsev D, Bhat G, **Cowger J**, Abdullah M, Sandesara C, Dhawan R, Birks EJ, Trivedi JR, Slaughter MS. Cardiac resynchronization therapy and clinical outcomes in continuous flow left ventricular assist device recipients. *J Am Heart Assoc.* Jun 15 2018;7(12) PMID: 29907652.
41. Greenberg J, **Greenberg J**, Helmstetter N. Chronic intestinal pseudo-obstruction due to Strongyloides stercoralis. *IDCases.* 2018;13:e00425. PMID: 30101070.
42. Guerrero M, Urena M, Himbert D, **Wang DD**, Eleid M, Kodali S, George I, Chakravarty T, Mathur M, Holzhey D, Pershad A, Fang HK, O'Hair D, Jones N, Mahadevan VS, Dumonteil N, Rodes-Cabau J, Piazza N, Ferrari E, Ciaburri D, Nejjari M, DeLago A, Sorajja P, Zahr F, Rajagopal V, Whisenant B, Shah PB, Sinning JM, Witkowski A, Eltchaninoff H, Dvir D, Martin B, Attizzani GF, Gaia D, Nunes NSV, Fassa AA, Kerendi F, Pavlides G, Iyer V, Kaddissi G, Witzke C, Wudel J, Mishkel G, Raybuck B, Wang C, Waksman R, Palacios I, Cribier A, Webb J, Bapat V, Reisman M, Makkar R, Leon M, Rihal C, Vahanian A, **O'Neill W**, Feldman T. 1-year outcomes of transcatheter mitral valve replacement in patients with severe mitral annular calcification. *J Am Coll Cardiol.* May 1 2018;71(17):1841-1853. PMID: 29699609.
43. Hartman JC, del Rio CL, Reardon JE, **Zhang K**, **Sabbah HN**. Intravenous infusion of the novel hno donor bms-986231 is associated with beneficial inotropic, lusitropic, and vasodilatory properties in 2 canine models of heart failure. *JACC Basic Transl Sci.* 2018;3(5):625-638. PMID: Not assigned.
44. Hughey AB, Gu X, Haymart B, Kline-Rogers E, Almany S, Kozlowski J, Besley D, **Krol GD**, **Ahsan S**, **Kaatz S**, Froehlich JB, Barnes GD. Warfarin for prevention of thromboembolism in atrial fibrillation: comparison of patient characteristics and outcomes of the "Real-World" Michigan Anticoagulation Quality Improvement Initiative (MAQI(2)) registry to the RE-LY, ROCKET-AF, and ARISTOTLE trials. *J Thromb Thrombolysis.* Jun 14 2018;Epub ahead of print PMID: 29948756.
45. Jackson LR, 2nd, Thomas KL, Polonsky B, Zareba W, **Lahiri M**, Saba S, McNitt S, **Schuger C**, Daubert JP, Moss AJ, Kutiyifa V. Effectiveness of high rate and delayed detection ICD programming by race: A MADIT-RIT substudy. *J Cardiovasc Electrophysiol.* Jul 6 2018;Epub ahead of print PMID: 29978932.
46. **Jain T**, **Shah S**, Shah J, **Jacobsen G**, **Khandelwal A**. Contrast-induced nephropathy in STEMI patients with and without chronic kidney disease. *Crit Pathw Cardiol.* Mar 2018;17(1):25-31. PMID: 29432373.
47. Kamioka N, Babaliaros V, Morse MA, **Frisoli T**, Lerakis S, Iturbe JM, Binongo J, Corrigan F, Yousef A, Gleason P, **Wells JAt**, Caughron H, Dong A, Rodriguez E, Leshnower B, **O'Neill W**, **Paone G**, **Eng M**, Guyton R, Block PC, **Greenbaum A**. Comparison of clinical and echocardiographic outcomes after surgical redo mitral valve replacement and transcatheter mitral valve-in-valve therapy. *JACC Cardiovasc Interv.* Jun 25 2018;11(12):1131-1138. PMID: 29929633.
48. Kapur NK, Alkhouli M, DeMartini T, Faraz H, George Z, Goodwin M, Hernandez-Montfort JA, Iyer V, Josephy N, Kalra S, Kaki A, Karas RH, Kimmelstiel C, **Koenig GC**, Lau E, Lotun K, Madder RD, Mannino SF, Meraj PM, Moreland JA, Moses JW, Kim RJ, Schreiber T, Udelson JE, Witzke CF, Wohns D, **O'Neill WW**. Unloading the left ventricle before reperfusion in patients with anterior st-segment elevation myocardial infarction: A pilot study using the impella cp(r). *Circulation.* Nov 11 2018;Epub ahead of print PMID: 30586728.
49. Karacsonyi J, Tajti P, Rangan BV, Halligan SC, Allen RH, Nicholson WJ, Harvey JE, Spaedy AJ, Jaffer FA, Grantham JA, Salisbury A, Hart AJ, Saffley DM, Lombardi WL, Hira R, Don C, McCabe JM, Burke MN, **Alaswad**

- K, Koenig GC**, Sanghvi KA, Ice D, Kovach RC, Varghese V, Murad B, Baran KW, Resendes E, Martinez-Parachini JR, Karatasakis A, Danek BA, Iwnetu R, Roesle M, Khalili H, Banerjee S, Brilakis ES. Randomized comparison of a crossboss first versus standard wire escalation strategy for crossing coronary chronic total occlusions: The crossboss first trial. *JACC Cardiovasc Interv.* Feb 12 2018;11(3):225-233. PMID: 29413236.
50. Karatolios K, Chatzis G, Markus B, Luesebrink U, Ahrens H, Dersch W, Betz S, Ploeger B, Boesl E, **O'Neill W**, Kill C, Schieffer B. Impella support compared to medical treatment for post-cardiac arrest shock after out of hospital cardiac arrest. *Resuscitation.* Mar 6 2018;126(Epub ahead of print):104-110. PMID: 29522829.
51. Kasel AM, Rumpf M, Frangieh AH, Mayr P, Joner M, Xhepa E, Lederman RJ, **Greenbaum AB**, Khan JM, Ott I, Deutsch O, Michel JM. International LAMPOON: first European experience with laceration of the anterior mitral valve leaflet prior to transseptal transcatheter mitral valve implantation. *EuroIntervention.* Sep 20 2018;14(7):746-749. PMID: 29969430.
52. **Kerrigan DJ, Carlin AM, Munie S, Keteyian SJ**. A cross-sectional study of reported exercise and medium-term weight loss following laparoscopic bariatric surgery. *Obes Surg.* Aug 1 2018;Epub ahead of print PMID: 30069860.
53. **Keteyian SJ, Kerrigan DJ, Lewis B, Ehrman JK, Brawner CA**. Exercise training workloads in cardiac rehabilitation are associated with clinical outcomes in patients with heart failure. *Am Heart J.* Jul 10 2018;204:76-82. PMID: 30081276.
54. Khan JM, Dvir D, **Greenbaum AB**, Babaliaros VC, Rogers T, Aldea G, Reisman M, Mackensen GB, **Eng MHK, Paone G, Wang DD**, Guyton RA, Devireddy CM, Schenke WH, Lederman RJ. Transcatheter laceration of aortic leaflets to prevent coronary obstruction during transcatheter aortic valve replacement: Concept to first-in-human. *JACC Cardiovasc Interv.* Apr 9 2018;11(7):677-689. PMID: 29622147.
55. Khan JM, Lederman RJ, Sanon S, Leshnowar BG, Yousef A, Gleason P, Lerakis S, Rogers T, **Greenbaum AB**, Babaliaros VC. Transcatheter mitral valve replacement after transcatheter electrosurgical laceration of alferi stitch (elastic): First-in-human report. *JACC Cardiovasc Interv.* Mar 22 2018;Epub ahead of print PMID: 29605244.
56. Khan JM, Rogers T, Babaliaros VC, Fusari M, **Greenbaum AB**, Lederman RJ. Predicting left ventricular outflow tract obstruction despite anterior mitral leaflet resection: The "skirt neolvot". *JACC Cardiovasc Imaging.* May 11 2018;Epub ahead of print PMID: 29778867.
57. Khan JM, Rogers T, Schenke WH, **Greenbaum AB**, Babaliaros VC, **Paone G**, Ramasawmy R, Chen MY, Herzka DA, Lederman RJ. Transcatheter pledget-assisted suture tricuspid annuloplasty (PASTA) to create a double-orifice valve. *Catheter Cardiovasc Interv.* Feb 6 2018;Epub ahead of print PMID: 29405564.
58. Kim JH, **Cowger JA**, Shah P. The evolution of mechanical circulatory support. *Cardiol Clin.* Nov 2018;36(4):443-449. PMID: 30297062.
59. Kirklin JK, Xie R, **Cowger J**, de By T, Nakatani T, Schueler S, Taylor R, Lannon J, Mohacsi P, Gummert J, Goldstein D, Caliskan K, Hannan MM. Second annual report from the ISHLT Mechanically assisted Circulatory Support Registry. *J Heart Lung Transplant.* Jan 31 2018;Epub ahead of print PMID: 29550146.
60. **Kupsky D, Koenig G, Modi S**. Coronary-cameral fistula: Preliminary diagnosis according to colour and continuous wave doppler echocardiography. *Can J Cardiol.* Feb 6 2018;Epub ahead of print PMID: 29606331.
61. **Kupsky DF, Ananthasubramaniam K, Lee J**. Eighty-two-year-old man with a systolic murmur. *Heart.* Aug 9 2018;Epub ahead of print PMID: 30093546.

62. **Kupsky DF, Lahiri MK, Schuger CD.** An unusual ecg deflection: Fact or artifact? *J Electrocardiol.* Jan - Feb 2018;51(1):135-137. PMID: 28982476.
63. Lanz J, Pilgrim T, **Greenbaum AB**, Lederman RJ, Windecker S. Sheathless transcaval transcatheter aortic valve implantation through an abdominal aortic graft. *Can J Cardiol.* Dec 2018;34(12):1688.e1617-1688.e1619. PMID: 30527166.
64. Lanz J, Pilgrim T, **Greenbaum AB**, Windecker S. Bioprosthetic Aortic Scallop Intentional Laceration to prevent Iatrogenic Coronary Artery obstruction (BASILICA) during transcatheter aortic valve-in-valve implantation with bioprosthetic valve fracturing via the transcaval access. *EuroIntervention.* Oct 20 2018;14(8):884-885. PMID: 30020077.
65. **Lee J, Villablanca P**, Ramakrishna H. Three-dimensional echocardiographic evaluation of right ventricular function in chronic thromboembolic pulmonary hypertension: Finding meaning in the "forgotten". *J Cardiothorac Vasc Anesth.* Nov 3 2018;Epub ahead of print PMID: 30538062.
66. **Lemor A**, SH HD. Reply to "racial and gender disparities among patients with Takotsubo syndrome". *Clin Cardiol.* Dec 7 2018;Epub ahead of print PMID: 30525204.
67. Leopold V, Gayat E, Pirracchio R, Spinar J, Parenica J, Tarvasmaki T, Lassus J, Harjola VP, Champion S, Zannad F, Valente S, Urban P, Chua HR, Bellomo R, Popovic B, Ouweneel DM, Henriques JPS, Simonis G, Levy B, Kimmoun A, Gaudard P, **Basir MB**, Markota A, Adler C, Reuter H, Mebazaa A, Chouihed T. Epinephrine and short-term survival in cardiogenic shock: an individual data meta-analysis of 2583 patients. *Intensive Care Med.* Jun 1 2018;Epub ahead of print PMID: 29858926.
68. Loehn T, **O'Neill WW**, Lange B, Pfluecke C, Schweigler T, Mierke J, Waessnig N, Mahlmann A, Youssef A, Speiser U, Strasser RH, Ibrahim K. Long term survival after early unloading with Impella CP((R)) in acute myocardial infarction complicated by cardiogenic shock. *Eur Heart J Acute Cardiovasc Care.* Nov 20 2018;Epub ahead of print:2048872618815063. PMID: 30456984.
69. **Luzum JA, Peterson E, Li J, She R, Gui H, Liu B**, Spertus JA, Pinto YM, **Williams LK, Sabbah HN, Lanfear DE.** Race and beta-blocker survival benefit in patients with heart failure: An investigation of self-reported race and proportion of African genetic ancestry. *J Am Heart Assoc.* May 8 2018;7(10) PMID: 29739794.
70. Mackensen GB, **Lee JC, Wang DD**, Pearson PJ, Blanke P, Dvir D, Kirkpatrick JN. Role of echocardiography in transcatheter mitral valve replacement in native mitral valves and mitral rings. *J Am Soc Echocardiogr.* Apr 2018;31(4):475-490. PMID: 29625648.
71. Mahr C, Thinh Pham D, Mokadam NA, Silvestry SC, **Cowger J**, Kiernan MS, D'Alessandro D A, Coglianese EE, Faraz Masood M, Kormos RL, Jacoski MV, Teuteberg JJ. Interpreting neurologic outcomes in a changing trial design landscape: An analysis of HVAD using a hybrid intention to treat population. *Asaio j.* Dec 7 2018;Epub ahead of print PMID: 30562168.
72. **Marzbani K, Guruswamy J, Isley M, Wang DD, Modak R.** Anesthetic management for transcatheter mitral valve-in-valve implantation: A single center experience. *J Cardiothorac Vasc Anesth.* May 1 2018;Epub ahead of print PMID: 29884464.
73. **Maskoun W**, Saad M, Abualsuod A, Nairooz R, Miller JM. Outcome of catheter ablation for ventricular tachycardia in patients with ischemic cardiomyopathy: A systematic review and meta-analysis of randomized clinical trials. *Int J Cardiol.* Apr 8 2018;Epub ahead of print PMID: 29655948.
74. McAuley PA, **Keteyian SJ, Brawner CA**, Dardari ZA, Al Rifai M, **Ehrman JK**, Al-Mallah MH, Whelton SP, Blaha MJ. Exercise Capacity and the Obesity Paradox in Heart Failure: The FIT (Henry Ford Exercise Testing) Project. *Mayo Clin Proc.* May 3 2018;Epub ahead of print PMID: 29731178.

75. **McCord J**, Newby LK, deFilippi CR. Designing a better mousetrap: Reflections on the November 28, 2017, us food and drug administration meeting on next-generation "high-sensitivity" cardiac troponin assays to diagnose myocardial infarction. *Circulation*. Jul 17 2018;138(3):316-318. PMID: 30012704.
76. Mediano MFF, Leifer ES, Cooper LS, **Keteyian SJ**, Kraus WE, Mentz RJ, Fleg JL. Influence of baseline physical activity level on exercise training response and clinical outcomes in heart failure: The HF-ACTION trial. *JACC Heart Fail*. Dec 2018;6(12):1011-1019. PMID: 30497641.
77. **Michaels A, Gibbs J, Mawri S**, Dirani G, **Aurora L, Jacobsen G, Nowak R, McCord J**. Prognostic utility of the HEART score in the observation unit. *Crit Pathw Cardiol*. Dec 2018;17(4):179-183. PMID: 30418247.
78. Mueller-Hennesen M, Lindahl B, Giannitsis E, Vafaie M, Biener M, Haushofer AC, Seier J, Christ M, Alquezar-Arbe A, deFilippi CR, **McCord J**, Body R, Panteghini M, Jernberg T, Plebani M, Verschuren F, French JK, Christenson RH, Dinkel C, Katus HA, Mueller C. Combined testing of copeptin and high-sensitivity cardiac troponin T at presentation in comparison to other algorithms for rapid rule-out of acute myocardial infarction. *Int J Cardiol*. Oct 26 2018;Epub ahead of print PMID: 30404726.
79. Nalluri N, Patel NJ, Atti V, Kumar V, **Basir MB, O'Neill WW**. Temporal trends in utilization of right-sided heart catheterization among percutaneous ventricular assist device recipients in acute myocardial infarction complicated by cardiogenic shock. *Am J Cardiol*. Sep 13 2018;Epub ahead of print PMID: 30297267.
80. **Navas-Blanco J, Patsias I**, Sanders J. Anesthetic implications for coexisting cardiac capillary hemangioma and multiple coronary artery to pulmonary artery fistulas. *Saudi J Anaesth*. 2018;12(3):482-484. PMID: Not assigned.
81. **Neupane S**, Khawaja O, Edla S, Singh H, Othman H, Bossone E, Yamasaki H, Rosman HS, Eggebrecht H, Mehta RH. Meta-analysis of drug eluting stents compared with bare metal stents in high bleeding risk patients undergoing percutaneous coronary interventions. *Catheter Cardiovasc Interv*. Dec 26 2018;Epub ahead of print PMID: 30585391.
82. **Nowak RM, Gandolfo CM, Jacobsen G**, Christenson RH, **Moyer M, Hudson M, McCord J**. Ultrarapid rule-out for acute myocardial infarction using the generation 5 cardiac troponin t assay: Results from the reaction-us study. *Ann Emerg Med*. Aug 14 2018;Epub ahead of print PMID: 30119942.
83. **Nowak RM, Jacobsen G**, Christenson RH, **Moyer M, Hudson M, McCord J**. Differentiating type 1 and 2 acute myocardial infarctions using the N-terminal pro B-type natriuretic peptide/cardiac troponin T ratio. *Am J Emerg Med*. Jul 2 2018;Epub ahead of print PMID: 30007549.
84. Nunez-Gil IJ, Alkhouli M, Centola M, Feltes G, **Villablanca P**, Ramakrishna H. Analysis of bioprosthetic aortic valve thrombosis-implications and management strategies. *J Cardiothorac Vasc Anesth*. Oct 23 2018;Epub ahead of print PMID: 30455145.
85. **O'Neill WW**. The lariat device: R.I.P. or buried alive. *J Am Coll Cardiol*. Sep 18 2018;72(12):1354-1356. PMID: 30213327.
86. **O'Neill WW**, Grines C, Schreiber T, Moses J, Maini B, Dixon SR, Ohman EM. Analysis of outcomes for 15,259 US patients with acute myocardial infarction cardiogenic shock (AMICS) supported with the Impella device. *Am Heart J*. Apr 7 2018;202:33-38. PMID: 29803984.
87. **Paone G, Eng M, Kabbani LS, Borgi J, Peterson E, Novitsky B, Burroughs B, Wang DD, O'Neill WW, Greenbaum AS**. Transcatheter aortic valve replacement: Comparing transfemoral, transcarotid and transcaval access. *Ann Thorac Surg*. May 11 2018;Epub ahead of print PMID: 29758214.

88. Pozehl BJ, McGuire R, Duncan K, Hertzog M, Deka P, Norman J, Artinian NT, **Saval MA, Keteyian SJ**. Accelerometer-measured daily activity levels and related factors in patients with heart failure. *J Cardiovasc Nurs*. Mar 12 2018;Epub ahead of print PMID: 29538050.
89. Pozehl BJ, McGuire R, Duncan K, Kupzyk K, Norman J, Artinian NT, Deka P, Krueger SK, **Saval MA, Keteyian SJ**. Effects of the HEART camp trial on adherence to exercise in patients with heart failure. *J Card Fail*. Jul 12 2018;Epub ahead of print PMID: 30010027.
90. Rab T, **O'Neill W**. Mechanical circulatory support for patients with cardiogenic shock. *Trends Cardiovasc Med*. Dec 5 2018;Epub ahead of print PMID: 30573276.
91. Rab T, Ratanapo S, Kern KB, **Basir MB**, McDaniel M, Meraj P, King SB, 3rd, **O'Neill W**. Cardiac shock care centers: JACC review topic of the week. *J Am Coll Cardiol*. Oct 16 2018;72(16):1972-1980. PMID: 30309475.
92. Russell HM, Guerrero ME, Salinger MH, Manzuk MA, Pursnani AK, **Wang D, Neme H**, Sakhuja R, Melnitchouk S, Pershad A, Fang HK, Said SM, Kauten J, Tang GHL, Aldea G, Feldman TE, Bapat VN, George IM. Open atrial transcatheter mitral valve replacement in patients with mitral annular calcification. *J Am Coll Cardiol*. Sep 25 2018;72(13):1437-1448. PMID: 30236304.
93. **Sabbah HN, Gupta RC, Singh-Gupta V, Zhang K, Lanfear DE**. Abnormalities of mitochondrial dynamics in the failing heart: Normalization following long-term therapy with elamipretide. *Cardiovasc Drugs Ther*. Jun 27 2018;Epub ahead of print PMID: 29951944.
94. Sakr S, Elshawi R, Ahmed A, Qureshi WT, **Brawner C, Keteyian S**, Blaha MJ, **Al-Mallah MH**. Using machine learning on cardiorespiratory fitness data for predicting hypertension: The Henry Ford Exercise Testing (FIT) Project. *PLoS One*. 2018;13(4):e0195344. PMID: 29668729.
95. Shah P, **Cowger JA**. Defining a decade of experience with continuous-flow left ventricular assist devices. *Cardiol Clin*. Nov 2018;36(4):xiii. PMID: 30297077.
96. **Shah S, Gindi R, Basir MB, Khandelwal A, Alqarqaz M, Zaidan M, Voeltz M, Koenig G, Kim HE, O'Neill WW, Alaswad K**. Optimal TR-band weaning strategy while minimizing vascular access site complications. *Cardiovasc Revasc Med*. Apr 14 2018;Epub ahead of print PMID: 29898868.
97. Shavelle DM, Banerjee S, Maini B, Schreiber TL, Kapasi N, **O'Neill WW**, Popma J, Matthews RV. Comparison of outcomes of percutaneous coronary intervention on native coronary arteries versus on saphenous venous aorta coronary conduits in patients with low left ventricular ejection fraction and impella device implantation achieved or attempted (from the protect ii randomized trial and the cvad registry). *Am J Cardiol*. 2018;Epub ahead of print PMID: 30057231.
98. Singh V, Mendirichaga R, Inglessis-Azuaje I, Palacios IF, **O'Neill WW**. The role of impella for hemodynamic support in patients with aortic stenosis. *Curr Treat Options Cardiovasc Med*. Apr 23 2018;20(6):44. PMID: 29682687.
99. Su W, Aryana A, Passman R, **Singh G**, Hokanson R, Kowalski M, Andrade J, Wang P. Cryoballoon best practices II: Practical guide to procedural monitoring and dosing during atrial fibrillation ablation from the perspective of experienced users. *Heart Rhythm*. Apr 20 2018;Epub ahead of print PMID: 29684571.
100. **Tahir RA**, Rotman LE, Davis MC, Dupepe EB, **Kole MK**, Rahman M, **Williams CT**, Pamboukian SV, **Bazydlo M, Walters BC**. Intracranial hemorrhage in patients with a left ventricular assist device. *World Neurosurg*. May 2018;113:e714-e721. PMID: 29510276.
101. **Tahir RA**, Rotman LE, Davis MC, Dupepe EB, **Kole MK**, Rahman M, **Williams CT**, Pamboukian SV, **Bazydlo M, Walters BC**. Corrigendum to "Intracranial Hemorrhage in Patients with a Left Ventricular Assist Device"

[World Neurosurgery 113 (2018) e714-e721]. *World Neurosurg.* Jun 1 2018;Epub ahead of print PMID: 29866527.

102. Tajti P, **Alaswad K**, Karpaliotis D, Jaffer FA, Yeh RW, Patel M, Mahmud E, Choi JW, Burke MN, Doing AH, Toma C, Uretsky B, Holper E, Wyman RM, Kandzari DE, Garcia S, Krestyaninov O, Khelimskii D, Koutouzis M, Tsiafoutis I, Jaber W, Samady H, Moses JW, Lembo NJ, Parikh M, Kirtane AJ, Ali ZA, Doshi D, Xenogiannis I, Rangan BV, Ungi I, Banerjee S, Brilakis ES. In-hospital outcomes of attempting more than one chronic total coronary occlusion through percutaneous intervention during the same procedure. *Am J Cardiol.* Aug 1 2018;122(3):381-387. PMID: 30201106.
103. Tajti P, Burke MN, Karpaliotis D, **Alaswad K**, Jaffer FA, Yeh RW, Patel M, Mahmud E, Choi JW, Doing AH, Datilo P, Toma C, Smith AJC, Uretsky B, Holper E, Garcia S, Krestyaninov O, Khelimskii D, Koutouzis M, Tsiafoutis I, Moses JW, Lembo NJ, **Parikh M, Kirtane AJ**, Ali ZA, Doshi D, Jaber W, Samady H, Rangan BV, Xenogiannis I, Ungi I, Banerjee S, Brilakis ES. Prevalence and outcomes of percutaneous coronary interventions for ostial chronic total occlusions: Insights from a multicenter chronic total occlusion registry. *Can J Cardiol.* Oct 2018;34(10):1264-1274. PMID: 30269827.
104. Tajti P, Burke MN, Karpaliotis D, **Alaswad K**, Werner GS, Azzalini L, Carlino M, Patel M, Mashayekhi K, Egred M, Krestyaninov O, Khelimskii D, Nicholson WJ, Ungi I, Galassi AR, Banerjee S, Brilakis ES. Update in the percutaneous management of coronary chronic total occlusions. *JACC Cardiovasc Interv.* Mar 12 2018;Epub ahead of print PMID: 29550088.
105. Tajti P, Karatasakis A, Danek BA, **Alaswad K**, Karpaliotis D, Jaffer FA, Choi JW, Yeh RW, Patel M, Mahmud E, Burke MN, Krestyaninov O, Khelimskii D, Toma C, Doing AH, Uretsky B, Koutouzis M, Tsiafoutis I, Wyman RM, Garcia S, Holper E, Xenogiannis I, Rangan BV, Banerjee S, Ungi I, Brilakis ES. In-hospital outcomes of chronic total occlusion percutaneous coronary intervention in patients with chronic kidney disease. *J Invasive Cardiol.* Nov 2018;30(11):E113-e121. PMID: 30218557.
106. Tajti P, Karpaliotis D, **Alaswad K**, Jaffer FA, Yeh RW, Patel M, Mahmud E, Choi JW, Burke MN, Doing AH, Dattilo P, Toma C, Smith AJC, Uretsky B, Holper E, Wyman RM, Kandzari DE, Garcia S, Krestyaninov O, Khelimskii D, Koutouzis M, Tsiafoutis I, Moses JW, Lembo NJ, Parikh M, Kirtane AJ, Ali ZA, Doshi D, Rangan BV, Ungi I, Banerjee S, Brilakis ES. The hybrid approach to chronic total occlusion percutaneous coronary intervention: Update from the PROGRESS CTO registry. *JACC Cardiovasc Interv.* Apr 26 2018;Epub ahead of print PMID: 29706508.
107. Tajti P, Karpaliotis D, **Alaswad K**, Toma C, Choi JW, Jaffer FA, Doing AH, Patel M, Mahmud E, Uretsky B, Karatasakis A, Karacsonyi J, Danek BA, Rangan BV, Banerjee S, Ungi I, Brilakis ES. Prevalence, presentation and treatment of 'balloon undilatable' chronic total occlusions: Insights from a multicenter US registry. *Catheter Cardiovasc Interv.* Jan 23 2018;Epub ahead of print PMID: 29359452.
108. Tajti P, Xenogiannis I, Karpaliotis D, **Alaswad K**, Jaffer FA, Nicholas Burke M, Ungi I, Brilakis ES. Chronic total occlusion interventions: Update on current tips and tricks. *Curr Cardiol Rep.* Oct 22 2018;20(12):141. PMID: 30350111.
109. Taylor RS, Walker S, Smart NA, Piepoli MF, Warren FC, Ciani O, O'Connor C, Whellan D, **Keteyian SJ**, Coats A, Davos CH, Dalal HM, Dracup K, Evangelista L, Jolly K, Myers J, McKelvie RS, Nilsson BB, Passino C, Witham MD, Yeh GY, Zwisler AO. Impact of exercise-based cardiac rehabilitation in patients with heart failure (ExTraMATCH II) on mortality and hospitalisation: an individual patient data meta-analysis of randomised trials. *Eur J Heart Fail.* Sep 26 2018;Epub ahead of print PMID: 30255969.
110. Tchantchaleishvili V, Maltais S, Sharma S, Haglund NA, Davis ME, **Cowger J**, Shah P, Desai SS, Aaronson KD, Pagani FD, Dunlay SM, Stulak JM. A novel, highly discriminatory risk model predicting acute severe right ventricular failure in patients undergoing continuous-flow left ventricular assist device implant. *Artif Organs.* Dec 28 2018;Epub ahead of print PMID: 30592069.

111. Thomas RJ, Balady G, Banka G, Beckie TM, Chiu J, Gokak S, Ho PM, **Keteyian SJ**, King M, Lui K, Pack Q, Sanderson BK, Wang TY. 2018 ACC/AHA Clinical performance and quality measures for cardiac rehabilitation: A report of the american college of cardiology/american heart association task force on performance measures. *Circ Cardiovasc Qual Outcomes*. Apr 2018;11(4):e000037. PMID: 29599285.
112. Vetrovec GW, Anderson M, Schreiber T, Popma J, Lombardi W, Maini B, Moller JE, Schafer A, Dixon SR, Hall S, Ohman EM, Mindrescu C, Moses J, **O'Neill W**. The cVAD registry for percutaneous temporary hemodynamic support: A prospective registry of Impella mechanical circulatory support use in high-risk PCI, cardiogenic shock, and decompensated heart failure. *Am Heart J*. May 2018;199:115-121. PMID: 29754648.
113. Walton E, **Yaguchi G, Keeley J, Deebajah M, Menon M, Peabody J, Dabaja A, Alanee S**. Effect of lesion location on prostate cancer detection rate with magnetic resonance imaging targeted biopsy in african americans. *J Urol*. Oct 11 2018;Epub ahead of print PMID: 30316896.
114. **Wang DD**, Forbes TJ, **Lee JC, Eng MH**. Echocardiographic imaging for left atrial appendage occlusion: Transesophageal echocardiography and intracardiac echocardiographic imaging. *Interv Cardiol Clin*. Apr 2018;7(2):219-228. PMID: 29526290.
115. **Wang DD, Gheewala N, Shah R**, Levin D, **Myers E, Rollet M, O'Neill WW**. Three-dimensional printing for planning of structural heart interventions. *Interv Cardiol Clin*. Jul 2018;7(3):415-423. PMID: 29983152.
116. **Wang DD, Lee JC**, O'Neill BP, **O'Neill WW**. Multimodality imaging of the tricuspid valve for assessment and guidance of transcatheter repair. *Interv Cardiol Clin*. Jul 2018;7(3):379-386. PMID: 29983149.
117. Xie JX, Cury RC, Leipsic J, Crim MT, Berman DS, Gransar H, Budoff MJ, Achenbach S, B OH, Callister TQ, Marques H, Rubinshtein R, **Al-Mallah MH**, Andreini D, Pontone G, Cademartiri F, Maffei E, Chinnaiyan K, Raff G, Hadamitzky M, Hausleiter J, Feuchtner G, Dunning A, DeLago A, Kim YJ, Kaufmann PA, Villines TC, Chow BJW, Hindoyan N, Gomez M, Lin FY, Jones E, Min JK, Shaw LJ. The coronary artery disease-reporting and data system (CAD-RADS): Prognostic and clinical implications associated with standardized coronary computed tomography angiography reporting. *JACC Cardiovasc Imaging*. Jan 2018;11(1):78-89. PMID: 29301713.
118. Zareba W, Daubert JP, Beck CA, Huang DT, Alexis JD, Brown MW, Pyykkonen K, McNitt S, Oakes D, Feng C, Aktas MK, Ayala-Parades F, Baranchuk A, Dubuc M, Haigney M, Mazur A, McPherson CA, Mitchell LB, Natale A, Piccini JP, Raitt M, Rashtian MY, **Schuger C**, Winters S, Worley SJ, Ziv O, Moss AJ. Ranolazine in high-risk patients with implanted cardioverter-defibrillators: The raid trial. *J Am Coll Cardiol*. Aug 7 2018;72(6):636-645. PMID: 30071993.

Abstracts

1. Aaronson KD, Stevenson LW, Pagani FD, Spino C, Kormos RL, Khalatbari S, Baldwin JT, Jeffries N, Taddei-Peters WC, Ambardekar AV, Shah P, McNamara D, **Lanfeard D**, Gorcsan J, Stehlik J, Mancini DM, Stewart GC, Mann DL. Identifying ambulatory advanced heart failure patients at high risk for death, LVAD or transplant at 1-year: How did the revival eligibility criteria perform? *J Heart Lung Transplant*. 2018;37(4):S195-S196. PMID: Not assigned.
2. **Afana M, Altawil M, Basir M, Alqarqaz M, Alaswad K, Eng M, O'Neill WW, Lederman R, Greenbaum A**. Feasibility of transcaval access for the delivery of mechanical circulatory support in cardiogenic shock. *J Am Coll Cardiol*. 2018;71(11) PMID: Not assigned.
3. **Ali M, Al-Darzi W, Bryan A, Joseph N, Nakhle A, Motwani A, Mahan M, Ananthasubramaniam K**. Does reporting of global longitudinal strain impact clinical decisions in patients undergoing echocardiography as part of chemotherapy monitoring? *J Am Coll Cardiol*. 2018;71(11) PMID: Not assigned.

4. **Ananthasubramaniam K, Saval M, Malas H, Van Harn M, Mueller C, Kitt TM, Kristy RM, Spalding J.** Real world experience with regadenoson spect myocardial perfusion imaging: Patient characteristics, safety, and impact of results on clinical management. *J Nucl Cardiol.* 2018;25(4):1445-1446. PMID: Not assigned.
5. Apple FS, Christenson R, DeFilippi C, **McCord J**, Sexter A, **Nowak R.** A single high sensitivity cardiac troponin I measurement from siemens healthineers can be used to rule out acute myocardial infarction at low risk in patients presenting to the emergency department. *Clin Chem.* 2018;64:S37-S38. PMID: Not assigned.
6. **Aurora L, Gorgis S, Gandolfo C, Sadiq O, Mahan M, Ananthasubramaniam K.** Impact of repeat echocardiograms on management decisions in patients rehospitalized with acute decompensated heart failure. *J Am Soc Echocardiogr.* 2018;31(6):B89-B90. PMID: Not assigned.
7. Bermudez C, Chetcuti SJ, Coletti AT, O'Neill BP, **Alaswad K**, Ragosta M, Joyce DL, Ramzy D. Percutaneous right ventricular support: Initial experience from the tandemheart experiences and methods (THEME) registry. *ASAIO Journal.* 2018;64:71. PMID: Not assigned.
8. **Berry R, Keteyian SJ, Saval MA, Brawner CA.** Discordance between change in estimated MET during supervised exercise training and change in peak oxygen uptake. *J Cardiopulm Rehabil Prev.* 2018;38(5):E20. PMID: Not assigned.
9. **Bryce K, Peterson E, Cowger J, Liu B, Chamogeorgakis T, Lanfear DE.** Baseline cognitive functioning in LVAD patients and anticoagulation time in range. *J Am Coll Cardiol.* 2018;71(11) PMID: Not assigned.
10. Christenson RH, Duh S, Apple FS, **Nowak RM, McCord J**, De Filippi CR. Do high-sensitivity cardiac troponin i clinical performance data in package inserts reflect realistic clinical expectations? *Clin Chem.* 2018;64:S26-S27. PMID: Not assigned.
11. **Cowger JA, Chamogeorgakis T, Borgi J, Grafton G, Selektor Y, Nemeh H, Williams C, Tita C, Lanfear D.** Systolic blood pressure and outcomes in patients on continuous flow LVAD support: An INTERMACS analysis. *J Heart Lung Transplant.* 2018;37(4):S30-S31. PMID: Not assigned.
12. **Gibbs J, McCord J, Hudson M, Moyer M, Jacobsen G, Trupp R, Nowak R.** The ratio of N-terminal pro-brain natriuretic peptide to high sensitivity cardiac troponin to distinguish type 1 from type 2 acute myocardial infarction. *J Am Coll Cardiol.* 2018;71(11) PMID: Not assigned.
13. **Gildeh E, Nowak R, Allen S, Jacobsen G, McCord J.** Red cell distribution width to predict all-cause mortality in patients evaluated in the hospital for acute myocardial infarction. *J Gen Intern Med.* 2018;33(2):328-329. PMID: Not assigned.
14. **Gindi R, Shah S, Khandelwal A, Alqarqaz M, Zaidan M, Voeltz M, Koenig G, Kim H, O'Neill WW, Alaswad K.** Optimal TR-band weaning strategy while minimizing vascular access site complications. *J Am Coll Cardiol.* 2018;71(11) PMID: Not assigned.
15. **Gorgis S, Abdelrahim E, Wang DD, Wyman JF, Paone G, Greenbaum A, Kendall B, O'Neill WW, Eng M.** Rates of anticoagulation following transcatheter aortic valve replacement in patients with atrial fibrillation. *J Am Coll Cardiol.* 2018;71(11) PMID: Not assigned.
16. **Gui H, Levin AM, Xiao S, Yang M, Yang J, Hochstadt S, Whitehouse K, Carlton A, Rynkowski D, Lanfear D, Kumar R, Burchard EG, Williams L.** Joint test of allelic dosage and local ancestry identifies INTS3 as new susceptibility gene for asthma among african american individuals. *Am J Respir Crit Care Med.* 2018;197(MeetingAbstracts) PMID: Not assigned.

17. **Gupta RC, Singh-Gupta V, Castle K, Sabbah HN.** Long-term therapy with elamipretide normalizes sirtuin-3 protein levels in isolated mitochondria of left ventricular myocardium of dogs with chronic heart failure. *J Am Coll Cardiol.* 2018;71(11) PMID: Not assigned.
18. **Gupta RC, Singh-Gupta V, Zhang K, Xu J, Sabbah HN.** Elamipretide restores protein and mrna expression levels of cardiolipin synthase-1 in left ventricular myocardium of dogs with chronic heart failure. *J Am Coll Cardiol.* 2018;71(11) PMID: Not assigned.
19. Kapur N, **O'Neill B**, Burkhoff D, Anderson M. Overview and mission of the 2017 a-cure symposium. *J Cardiovasc Transl Res.* 2018;11(1):58. PMID: Not assigned.
20. Karacsonyi J, Tajti P, Rangan B, Halligan S, Allen R, Nicholson W, Harvey J, Spaedy A, Jaffer F, Grantham JA, Salisbury A, Hart A, Safley D, Lombardi W, Hira R, Don C, McCabe J, Burke MN, **Alaswad K, Koenig G**, Sanghvi K, Ice D, Kovach R, Varghese V, Murad B, Baran K, Resendes E, Martinez-Parachini JR, Karatasakis A, Danek B, Iwnetu R, Roesle M, Khalili H, Banerjee S, Brilakis E. Substudy of the in-stent restenotic lesions in the randomized comparison of a crossboss first vs. standard wire escalation strategy for crossing coronary chronic total occlusion: The "crossboss first" trial. *Catheter Cardiovasc Interventions.* 2018;91:S64-S66. PMID: Not assigned.
21. Khan JM, Rogers T, Babaliaros VC, **Greenbaum AB**, Lederman RJ. Laceration of the anterior mitral valve leaflet to prevent left ventricular outflow tract obstruction (lampoona). *Heart.* Jan 2018;104:A1-A2. PMID: Not assigned.
22. **Kupsky D, Al-Darzi W, Jacobsen G, Ananthasubramaniam K.** Hybrid continuity equation using multidetector CT and echocardiography aids reclassifying severity in patients with paradoxical low flow low gradient severe aortic stenosis. *J Am Coll Cardiol.* 2018;71(11) PMID: Not assigned.
23. Kupsky DF, **Al-Darzi W, Malas H, Jacobsen G, Ananthasubramaniam K.** Paradoxical low gradient aortic stenosis reclassified using hybrid continuity equation by multidetector CT: Insights into diastolic function and post TAVR outcomes. *J Am Soc Echocardiogr.* 2018;31(6):B78. PMID: Not assigned.
24. **Lanfear DE**, Forde-McLean R, Haas D, Robinson S, Thibodeau J, Teuteberg J, Jorde U, Khalatbari S, Spino C, Jeffries N, Stevenson L, Mann D, Stewart G, Aaronson K. Race and baseline severity of heart failure in the registry evaluation for vital information on VADs in ambulatory life (REVIVAL). *J Heart Lung Transplant.* 2018;37(4):S189. PMID: Not assigned.
25. **Lanfear DE, Gui H, Li J, Connolly T, Pereira N, Ruicong S, Adams K, Williams LK, Hernandez A, Tang WH, Stephan F.** Population-specific genetic variations increase hazard of mortality or rehospitalization in heart failure patients. *J Am Coll Cardiol.* 2018;71(11) PMID: Not assigned.
26. Lee S, Xie R, Lemstrom K, Dickinson MG, Boeve T, Leacche M, **Cowger J**, De By T, Kirklin JK. Worldwide experience of adult patients with small body size supported by a continuous-flow left ventricular assist device-an IMACS analysis. *J Heart Lung Transplant.* 2018;37(4):S145. PMID: Not assigned.
27. Malas H, **Ananthasubramaniam K.** Bicuspid pulmonic valve with stenosis and marked pulmonary artery dilation: A case report. *J Cardiovasc Comput Tomogr.* 2018;12(1):S30-S32. PMID: Not assigned.
28. **Maskoun W**, Ayoub K, Singh G, Abualsuod A, Payne J. Ablation of anteroseptal accessory pathway using both antegrade and retrograde approaches. *Heart Rhythm.* 2018;15(5):S638. PMID: Not assigned.
29. **Mawri S, Ali M, Gorgis S, Aurora L, Giordano M, Hegab S, Schwartz S, Koenig G.** Comparative study of outcomes using catheter-directed thrombolysis versus anticoagulation alone for management of submassive pulmonary embolism. *Catheter Cardiovasc Interventions.* 2018;91:S14. PMID: Not assigned.

30. **Mawri S, Basir B, Abdelsalam M, Schreiber T, Dixon S, Patel K, Khandelwal A, Alaswad K, Almany S, Hanson I, George A, Ashbrook M, Blank N, Sareen N, Timmis S, O'Neill W.** Culprit only versus complete revascularization: Insights from the detroit cardiogenic shock initiative category: Complex PCI, restenosis, left main & multi-vessel intervention. *Catheter Cardiovasc Interventions*. 2018;91:S68. PMID: Not assigned.
31. **Mawri S, Basir B, Nona P, Parikh M, Alqarqaz M, Zaidan M, Frisoli T, Koenig G, Kim H, Eng M, Khandelwal A, Voeltz M, Greenbaum A, Alaswad K, O'Neill W.** Clinical outcomes of acute myocardial infarction cardiogenic shock: A contemporary single center experience. *Catheter Cardiovasc Interventions*. 2018;91:S34-S35. PMID: Not assigned.
32. **Mawri S, Fuller B, Koenig G, Parikh S, Zaidan M.** Percutaneous mechanical hemodynamic support as a bridge to recovery in severe takotsubo cardiomyopathy with profound left ventricular outflow tract obstruction and cardiogenic shock. *J Am Coll Cardiol*. 2018;71(11) PMID: Not assigned.
33. **Mawri S, Ly N, Shah R, Parikh S, Eng M, O'Neill WW.** A case of recurrent obstructive thrombosed mechanical mitral valve and the role of thrombolytic therapy. *J Am Coll Cardiol*. 2018;71(11) PMID: Not assigned.
34. **Mawri S, Michaels A, Gibbs J, Nakhle A, Assar S, Novak J, Zweig B.** ACE inhibitors and arbs in post-percutaneous coronary intervention contrast-induced nephropathy (cin): To hold or not to hold? *JACC Cardiovasc Interv*. Feb 2018;11(4):S22-S22. PMID: Not assigned.
35. **Michaels AT, Mawri S, Gibbs J, Patel R, Hudson M.** Inter-atrial saddle thrombus: Crossing the PFO. *J Am Coll Cardiol*. 2018;71(11) PMID: Not assigned.
36. **Nakhle A, Hammond C, Giles C, Alimirah M, Mand R, Ali M, Mahan M, Ananthasubramaniam K.** Inconclusive cardiac stress echocardiography and the utility of the double product in predicting outcomes: Early results. *J Am Soc Echocardiogr*. 2018;31(6):B127. PMID: Not assigned.
37. **Oliver-McNeil SM, Schutte D, Peterson E, Leszczynski K, Williams LK, Gui H, Lanfear DE.** Burden of dyspnea and fatigue in heart failure varies by race and is heritable. *J Am Coll Cardiol*. 2018;71(11) PMID: Not assigned.
38. **O'Neill B, Ramzy D, Coletti A, Chetcuti S, Ragosta M, Bermudez C, Joyce D, Alaswad K.** Right ventricular hemodynamic support with the PROTEKDuo Cannula. Initial experience from the tandemheart experiences and methods (THEME) registry category: Miscellaneous. *Catheter Cardiovasc Interventions*. 2018;91:S116. PMID: Not assigned.
39. **Sabbah HN.** Myocardial interstitial fibrosis in heart failure: Beyond ventricular stiffness. *Cardiology (Switzerland)*. 2018;140:30. PMID: Not assigned.
40. **Sabbah HN, Gupta RC.** Elamipretide normalizes protein and mRNA expression levels of mitofilin in left ventricular myocardium of dogs with advanced heart failure. *J Heart Lung Transplant*. 2018;37(4):S219. PMID: Not assigned.
41. **Sabbah HN, Gupta RC.** Plasma concentration of choline: A potential biomarker of acetylcholine release by neurostimulation. *Heart Rhythm*. 2018;15(5):S364-S365. PMID: Not assigned.
42. **Shah R, Al-Darzi W, Greenbaum A, Eng M, Wang DD, Greenberg J, Lahiri M, Khan A, O'Neill WW, Schuger C, Singh G.** Safety of rhythm control and cardioversion for patients with recurrent symptomatic atrial fibrillation in the absence of anticoagulation following percutaneous left atrial appendage occlusion. *J Am Coll Cardiol*. 2018;71(11) PMID: Not assigned.

43. **Singh G, Khan A, Lahiri MK, Maskoun W, Schuger CD.** High density mapping of recurrent right atrial flutter in a biatrial orthotopic heart transplant recipient. *J Interv Card Electrophysiol.* 2018;51(1):S127. PMID: Not assigned.
44. **Singh G, Khan A, Lahiri MK, Maskoun W, Schuger CD.** Intermittent wide QRS during biventricular pacing? what is the mechanism? *J Interv Card Electrophysiol.* 2018;51(1):S113. PMID: Not assigned.
45. **Singh G, Khan A, Singh MK, Maskoun W, Schuger CD.** A large vein of Marshall aneurysm. *J Interv Card Electrophysiol.* 2018;51(1):S118-S119. PMID: Not assigned.
46. **Singh G, Lahiri MK, Khan A, Maskoun W, Schuger C.** T wave oversensing causing inappropriate shock and ventricular fibrillation in a subcutaneous ICD recipient. *Heart Rhythm.* 2018;15(5):S579. PMID: Not assigned.
47. **Singh G, Lahiri MK, Khan A, Maskoun W, Schuger CD.** 3 Year outcome of successful epicardial-endocardial catheter ablation of sustained reentrant monomorphic ventricular tachycardia in hypertrophic cardiomyopathy patient. *J Interv Card Electrophysiol.* 2018;51(1):S36. PMID: Not assigned.
48. **Singh G, Lahiri MK, Khan A, Maskoun W, Schuger CD.** When to stop pulling during percutaneous lead extraction: Role of collaborative multidisciplinary team approach. *J Interv Card Electrophysiol.* 2018;51(1):S81-S82. PMID: Not assigned.
49. **Singh G, Lahiri MK, Khan A, Schuger CD.** Clinical efficacy of remote magnetic navigation-guided catheter ablation of premature ventricular contractions. *J Interv Card Electrophysiol.* 2018;51(1):S120-S121. PMID: Not assigned.
50. **Singh G, Singh MK, Khan A, Maskoun W, Schuger CD.** T wave over sensing causing inappropriate shock and ventricular fibrillation in a subcutaneous ICD recipient. *J Interv Card Electrophysiol.* 2018;51(1):S95-S96. PMID: Not assigned.
51. **Singh-Gupta V, Gupta RC, Hani Sabbah HN.** Increased expression of galectin-3 in the interstitium of left ventricular myocardium of dogs with chronic heart failure. *Eur J Heart Fail.* 2018;20:330-331. PMID: Not assigned.
52. Tchoukina I, Shah KB, Thibodeau J, Estep JD, Lala A, **Lanfeard D**, Gilotra N, Pamboukian S, Horstmanshof DA, McNamara D, Haas DC, Jorde U, Forde-McLean R, Khalatbari S, Spino CA, Baldwin J, Mann DL, Aaronson KD, Stewart GC. Impact of socioeconomic factors on patient desire for LVAD therapy. *J Heart Lung Transplant.* 2018;37(4):S189-S190. PMID: Not assigned.
53. **Yang Y, Sulejmani N, Jantz A, Summers B, Dhanekula A, Williams C, Nemeh H, Lanfeard D.** Precision medicine for tacrolimus dosing in heart transplant recipients. *J Heart Lung Transplant.* 2018;37(4):S416. PMID: Not assigned.