

## **2021 Cardiology Disease Scholarly Activity**

### **Publications**

**Baljepally R, Tahir H, Goodwin RP, Livesay J, Fogelson B, Patel C, Coombes T, Wadi G, Dieter R 3<sup>rd</sup>.** Comparison of transcatheter aortic valve implantation outcomes between normal flow low gradient severe aortic stenosis and normal flow high gradient severe aortic stenosis. *Cardiovasc Revasc Med.* 2021 Nov 2: S1553-8389(21)00725-9. PMID: 34764031

**Mehmood M.** Flozins, fasting, and the fruition of heart failure prevention. *JACC Heart Fail.* 2021 Nov;9(11):858. PMID: 34711352

**Livesay J, Baljepally R, Tahir H, Heidel RE.** Heme effects in lowering patient discomfort in radial artery verapamil injection. *Cardiol Res.* 2021 Oct;12(5):286-292. PMID: 34691326

**Fogelson B, Tahir H, Livesay J, Baljepally R.** Iatrogenic arteriovenous fistula secondary to coronary artery dissection caused by contrast injection into a chronically occluded right coronary artery. *J Med Cases.* 2021 Oct;12(10):411-414. Epub 2021 Sep 29. PMID: 34691338

**Black W, Baljepally R, Shali L, Alsharif O, Warden S, Heidel E, Zhao X.** Old is (not) gold: Midazolam monotherapy versus Midazolam plus Fentanyl for sedation during cardiac catheterization. *J Interv Cardiol.* 2021 Aug 2; 2021:9932171. eCollection 2021. PMID: 34404983

**Tahir H, Livesay J, Fogelson B, Baljepally R.** Association of echocardiographic diastolic dysfunction with discordance of invasive intracoronary pressure indices. *J Clin Med.* 2021 Aug;10(16):3670. PMID: 34441970

**Baljepally R, Tahir H.** Effect of atrioventricular dyssynchrony on impella hemodynamics: Mechanism and its clinical implications. *Cardiol Res.* 2021 Aug;12(4):219-224. Epub 2021 Jul 9. PMID: 34349862

**Tahir H, Tonks R, Cox J, Baljepally R.** Optimizing mechanical circulatory support hemodynamics using coronary sinus pacing. *Catheter Cardiovasc Interv.* 2021 Jul 1;98(1): E78-E84. Epub 2021 Feb 4. PMID: 33543547

**Livesay J, Isang E, Tahir H, Baljepally R.** Successful low dose tPA for mechanical mitral valve thrombosis in a patient with postinfarction contained left ventricular free wall rupture. *Case Rep Cardiol.* 2021 Jul 19; 2021:5532728. GSMID: 7210706

**Tahir H, Livesay J, Baljepally R, Hirst CS.** Successful rescue intervention of internal mammary artery anastomotic site acute graft failure with direct new generation covered stenting. *J Med Cases.* 2021 Jul;12(7):271-274. Available in PubMed: Aug 2021. PMID: 34434470

**Mehmood M.** Letter by Mehmood regarding article, "Cardiac remodeling during pregnancy with metabolic syndrome: Prologue of pathological remodeling". *Circulation.* 2021 Jul 27;144(4): e68. Epub 2021 Jul 26. PMID: 34310162

**Mehmood M.** Bridging the efficacy and effectiveness chasm. *JACC Heart Fail.* 2021 Jun;9(6):467-468. PMID: 34082901

**Mehmood M.** Letter by Mehmood regarding article, "Left ventricular unloading is associated with lower mortality in patients with cardiogenic shock treated with venoarterial extracorporeal membrane oxygenation: Results from an international, multicenter cohort study." *Circulation.* 2021 Jun 8;143(23): e1021. Epub 2021 Jun 7. PMID: 34097445

**Livesay J, Litton K, Bresee S.** Subaortic stenosis secondary to pannus from a mechanical mitral valve. *J Cardiol Cases.* 2021 Jun 4;24(5):247-249. doi: 10.1016/j.jccase.2021.04.015. PMID: 34868408; PMCID: PMC8617467

**Mehmood M.** Letter by Mehmood regarding article, "Prospective multicenter study of myocardial recovery using left ventricular assist devices (RESTAGE-HF [Remission from Stage D Heart Failure]): Medium-term and primary end point results". *Circulation.* 2021 Jun;143(22): e1014. Epub 2021 Jun 1. PMID: 34061579

**Livesay J, Tahir H, Baljepally R.** Positional changes leading to transient ischaemia in a patient with neuroendocrine carcinoma of the lung. *BMJ Case Rep.* 2021 Jun 23;14(6): e241674. PMID: 34162608

**Tahir H, Livesay J, Fogelson B, Coombes T, Patel C, Baljepally R.** Use of the CHA (2) DS (2)-VASc score in assessing transradial approach failure. *Cardiovasc Revasc Med.* 2021 May 28; S1553-8389(21)00269-4. Available in PubMed: Jun 2021. [Epub ahead of print] PMID: 34140231

**Livesay JE, Litton KM, Bresee SJ.** Subaortic stenosis secondary to pannus from a mechanical mitral valve. *J Cardiol Cases.* 2021 Jun 4. [Epub ahead of print] GSMID: 7210608

**Mehmood M.** Bio-profiling of transthyretin amyloid cardiomyopathy. *JACC Heart Fail.* 2021 May;9(5):403-404. PMID: 33926733

**Mehmood M.** Improving heart failure therapeutics: Thinking outside the pillbox. *JACC Heart Fail.* 2021 Apr;9(4):320. PMID 33795121

**Mehmood M.** Letter to the editor by Mehmood regarding the article "Outcomes and cost among medicare beneficiaries hospitalized for heart failure assigned to accountable care organizations". *Am Heart J.* 2021 Apr; 234:132. PMID 33706914

**Mehmood M.** Mitral regurgitation in acute decompensated heart failure. *JACC Heart Fail.* 2021 Apr;9(4):321-322. PMID 33795122

**Mehmood M.** Food as medicine: Prevention is better, but could it cure? *J Am Coll Cardiol.* 2021 Mar 9;77(9):1267. PMID: 33663746

**Mehmood M.** Optimal positioning of novel heart failure pharmacotherapies: The case of vericiguat. *JACC Heart Fail.* 2021 Mar;9(3):242. PMID 33632422

**Mehmood M.** Venoarterial extracorporeal membrane oxygenation to heart transplant-An inflamed bridge? *JAMA Cardiol.* 2021 Mar 1;6(3):362. PMID: 33295953

**Mehmood M.** Addressing social determinants of health in the evaluation of heart failure therapies. *JACC Heart Fail.* 2021 Feb;9(2):166-167. PMID 33509382

**Tahir H, Livesay J, Fogelson B, Baljepally R.** Effect of elevated left ventricular end diastolic pressure on instantaneous wave-free ratio and fractional flow reserve discordance. *Cardiol Res.* 2021 Apr;12(2):117-125. Epub 2021 Feb 23. PMID: 33738015

**Mehmood M.** Cardiopsychiatry: Have a heart for the mind. *JACC Heart Fail.* 2021 Jan;9(1):83. PMID 33384070

**Mehmood M.** Letter by Mehmood regarding article, "Phosphodiesterase 9a inhibition in mouse models of diastolic dysfunction". *Circ Heart Fail.* 2021 Jan;14(1): e007472. Epub 2021 Jan 19. PMID 33464955

**Mehmood M.** Redefining left ventricular assist device indications and strategies. *JAMA Cardiol.* 2021 Jan 1;6(1):119-120. Epub 2020 Sep 23. PMID 32965462

**Mehmood M.** The package of post-acute care in the bundle of heart failure episode. *JACC Heart Fail.* 2021 Jan;9(1):82. PMID: 33384069

### **Presentations**

**Abney LE, Goodwin E, Goodwin R, Villarosa A.** Bevacizumab-associated left anterior descending artery occlusion in a young woman with neurofibromatosis type 2. Presented at (State (Tennessee)) Tennessee Chapter of the American College of Cardiology State Meeting: Nashville, TN November 4-6, 2021

Stephens S, **Livesay J, Baljepally R**. Interesting case of constrictive pericarditis. Presented at (State (Tennessee)) Tennessee Chapter of the American College of Cardiology State Meeting: Nashville, TN November 4-6, 2021

Wadi G, **Livesay J, Baljepally R**. What should you do first? Interesting case of severe aortic stenosis and hypertrophic cardiomyopathy. Presented at (State (Tennessee)) Tennessee Chapter of the American College of Cardiology State Meeting: Nashville, TN November 4-6, 2021

Dougherty P, Wadi G, **Livesay J**, Shorman M. Bartonella lead related infective endocarditis. Presented at (State (Tennessee)) Tennessee Chapter of the American College of Cardiology State Meeting: Nashville, TN November 4-6, 2021

Fogelson B, **Black W, Baljepally R**. Asymptomatic aorto-left atrial fistula originating from the noncoronary aortic sinus secondary to an ascending aortic dissection. Presented at (State (Tennessee)) Tennessee Chapter of the American College of Cardiology State Meeting: Nashville, TN November 4-6, 2021

**Johnson J**, Nowell T, Messenger B, Tsapenko A, **Venero C**. Giant primary cardiac myxofibrosarcoma presenting as respiratory failure and ARDS during the COVID-19 pandemic. Presented at (National) ACC 2021 National Conference: Atlanta, GA May 15-17, 2021

**Livesay JE**, Cook BS, Zhao X, **Baljepally R**. Heme effects in lowering patient discomfort in radial artery verapamil injection (HELP-RA). Presented at (National) ACC 2021 National Conference: Atlanta, GA May 15-17, 2021

### **Faculty Development**

**Dr. Paul Hauptman** - How to Write A Paper: A Guide to Getting Published

**Dr. Paul Hauptman** - Formulating a Researchable Question/Designing a Survey that Gives Optimal Results

**Dr. Paul Hauptman** - Introduction to Grants

**Dr. Anne Kassira** - Implicit Bias: What We Know