

## **2020 Cardiology Disease Scholarly Activity**

### **Book Chapters**

**Shepple BI.** “The Prognostic Value of the Electrocardiogram in Acute Coronary Syndromes” in *Electrocardiogram in Clinical Medicine*. Hoboken: John Wiley & Sons Ltd. 01 Aug 2020

**Wehber A, Oguayo K, Pendley J, Allred JJ, Scott JC, Mahlow WJ.** “Coronary Artery Aneurysms and Fistulas” in *Cardiac Surgery: A Complete Guide*. Cham: Springer Nature Switzerland AG. 01 Feb 2020

### **Publications**

**Hauptman PJ.** “Editorial Reflections” in *Journal of Cardiac Failure*. 26 (12): 1031-1033. 01 Dec 2020. PMID 33308497

**Holbert J, Shepple B, Rogers B, Hirsh J.** The proof is in the appendage: A case report of a fenestrated membrane overlying the left atrial appendage. *Echocardiography*. 2020 Nov;37(11):1864-1868. Epub 2020 Oct 18. PMID: 33070394

**Mehmood M.** Low publication rates of heart failure clinical trials: Finding success in failure. *J Am Coll Cardiol*. 2020 Oct 6;76(14):1715-1716. PMID: 33004138

**Mehmood M.** Staring points in heart failure drug development: Future outlook. *JACC Heart Fail*. 2020 Oct;8(10):872. PMID: 33004117

**Mehmood M.** The competitive advantage of adaptability in the approach to heart failure populations. *JACC Heart Fail*. 2020 Oct;8(10):877. PMID: 33004120

**Hauptman PJ, Piña IL.** “The New Kids on the Block: Don't Delay” in *Journal of Cardiac Failure*. 26 (10): 811-812. 01 Oct 2020. PMID 33092806

**Mehmood M.** Assessment of right heart function in secondary tricuspid regurgitation. *JACC Heart Fail*. 2020 Sep;8(9):784. PMID: 32883443

**Mehmood M.** Cardiovascular and chronic obstructive pulmonary disease therapeutics: Two paths one destination? *Am J Respir Crit Care Med*. 2020 Sep 1;202(5):779-780. PMID: 32369703

**Mehmood M.** Clinical phenogrouping and systolic performance in HFpEF. *JACC Heart Fail*. 2020 Aug;8(8):695. PMID: 32731948

**Mehmood M.** Eat healthy and eat more or less? *J Am Coll Cardiol*. 2020 Aug;76(5):632-633. PMID: 32731942

**Mehmood M.** Will the real pulmonary pressure please stand up? *Ann Am Thorac Soc.* 2020 Aug 28. [Epub ahead of print]. PMID: 32857601

**Mehmood M.** The galaxy of cytoskeletal modulation in the universe of heart failure therapeutics. *JACC Heart Fail.* 2020 Jul;8(7):602-603. PMID: 32616177

**Hauptman PJ.** “Cardiac Effects of Music and a Presidential Impeachment” in *Journal of Cardiac Failure.* 26 (7): 539-540. 01 July 2020. PMID 32680580

Rich MW, **Hauptman PJ.** “The JCF in the Time of COVID-19” *Journal of Cardiac Failure.* 26 (6): 447. 26 June 2020. PMID 32586599

**Mehmood M.** Letter by Mehmood regarding article, "Orail channel inhibition preserves left ventricular systolic function and normal Ca<sup>2+</sup> handling after pressure overload". *Circulation.* 2020 Jun 2;141(22): e837-e838. Epub 2020 Jun 1. PMID: 32479198

**Mehmood M.** Right heart function in critically ill patients at risk for acute right heart failure: A description of right ventricular-pulmonary arterial coupling, ejection fraction and pulmonary artery pulsatility index. *Heart Lung Circ.* 2020 Jun;29(6):867-873. Epub 2019 Jun 20. PMID: 31257001

**Hauptman PJ.** “We Must Remain Resolute” in *Journal of Cardiac Failure.* 26 (5): 369. 01 May 2020. PMID 32439094

**Mehmood M.** Asthma and obstructive sleep apnea: Taking it to heart. *Am J Respir Crit Care Med.* 2020 Jun 1;201(11):1447-1448. Epub 2020 Feb 6. PMID: 32027809.

**Mehmood M.** Echocardiographic outcomes in the COAPT trial: Asking the "right" question. *J Am Coll Cardiol.* 2020 Apr 28;75(16):2095. PMID: 32327113

**Mehmood M.** Hypertension in chronic obstructive pulmonary disease. *N Engl J Med.* 2020 Apr 23;382(17):1674. PMID: 32320590

**Hauptman PJ, Wall JS, Maurer MS.** “Disparities, Uncertainties and Societal Cost: Precision Medicine and Transthyretin Amyloidosis” in *The American Journal of Medicine.* 2020-04-05; 0 (0): 0. 05 April 2020. PMID 32268147

**Mehmood M.** Metoprolol for the prevention of exacerbations of COPD. *N Engl J Med.* 2020 Apr 2;382(14):1375. PMID: 32242369

**Mehmood M.** Echocardiographic pulmonary hypertension and right heart function - The big picture. *JAMA Cardiol.* 2020 May 1;5(5):612-613. Epub 2020 Mar 25. PMID: 32211815

**Mehmood M.** Obstructive sleep apnea, chronic obstructive pulmonary disease, and heart failure with preserved ejection fraction: A cardiopulmonary perspective. *Am J Respir Crit Care Med.* 2020 Feb 15;201(4):500. Epub 20189 Oct 24. PMID: 31647719

**Hauptman PJ**, Rich MW. “A Time for Focus” in *Journal of Cardiac Failure*. 26 (2): 99. 01 Feb 2020. PMID 32081305

**Mehmood M**. Heart failure with preserved ejection fraction, the fifth industrial revolution and humanity. *JACC Heart Fail*. 2020 Feb;8(2):155–156. doi: 10.1016/j.jchf.2019.11.011. PMID: 32000967

**Mehmood M**. Inflammation, heart failure, and the path forward. *JACC Heart Fail*. 2020 Feb;8(2):153–154. doi: 10.1016/j.jchf.2019.10.010. PMID: 32000964

**Mehmood M**. Adrenomedullin: A double-edged sword in septic shock and heart failure therapeutics? [published online ahead of print, 2020 Jan 27]. *Am J Respir Crit Care Med*. 2020;10.1164/rccm.201912-2412LE. doi:10.1164/rccm.201912-2412LE. PMID: 31986252

**Mehmood M**. Mean arterial pressure: Getting it right. *Crit Care Med*. 2020 Feb;48(2): e156. doi: 10.1097/CCM.0000000000004008. PMID: 31939820

**Tonks R**, Lantz G, **Mahlow J**, **Hirsh J**, Lee LS. Short and intermediate term outcomes of the convergent procedure: Initial experience in a tertiary referral center. *Ann Thorac Cardiovasc Surg*. 2020 Feb 20;26(1):13-21. Epub 2019 Sep 6. PMID: 31495813

**Mehmood M**. Letter by Mehmood regarding article, "Three public health interventions could save 94 million lives in 25 years: Global impact assessment analysis". *Circulation*. 2020 Jan 14;141(2): e3-e4. doi: 10.1161/CIRCULATIONAHA.119.043702. Epub 2020 Jan 13. PMID: 31928438

Jain N, **Holbert JC**, **Black W**, Hussein R, Baljepally G, **Hirsh J**. Scared to death: A novel mutation in catecholaminergic polymorphic ventricular tachycardia. *Heart Rhythm Case Rep*. 2020 Jan 28;6(5):268-271. eCollection 2020 May. PMID: 32461892

**Hauptman PJ**, Rich MW. “Read, Cite, Submit and Repeat!” in *Journal of Cardiac Failure*. 26 (1): 1. 01 Jan 2020. PMID 31955839

### **Presentations**

Alsharif O, **Villarosa A**, **Abney L**. The Eustachian Valve: An Elusive but Important Site of Endocarditis. Present at (TN Chapter) American College of Physicians (Virtual): October 23, 2020

Soto FJ, **Venero CV**, Soto DJ, **Mehmood M**. Optimal hemodynamic assessment of right atrial pressure and correlation with stroke volume index. Presented at (International) CHEST (Virtual): Chicago, IL Oct 18-21, 2020

Coombes T, **Holbert J, Shepple B.** CODE KOUNIS: A case of coronary artery vasospasm secondary to contrast. Presented at (National) 69th Annual Scientific Session of the American College of Cardiology Together with World Congress of Cardiology: Chicago, IL Mar 28-30, 2020

### **Clinical Trials**

2018-Present Principal Investigator: **Shepple, B.**  
Flurpiridaz Injection for Positron Emission Tomography (PET) Imaging for Assessment of Myocardial Perfusion in Patients Referred for Invasive Coronary Angiography Because of Suspected Coronary Artery Disease

### **Invited Lectures**

**Hauptman P.** Expected and Unexpected Challenges in Heart Failure Care. February 25, 2020

### **Faculty Development**

**Dr. Paul Hauptman** - Career Trajectory Planning/Navigating the Promotion Process