

YASAR SATTAR, MD MS.

Morgantown, WV, 26505 USA
+1 (773) 273-5732 | mdyasarsattar@gmail.com
ResearchGate: <https://bit.ly/3yOhxwh>
Google Scholar: <https://bit.ly/3h94HA>
LinkedIn: <https://bit.ly/3jnz4e0>



OBJECTIVE

- Practice as a coronary and endovascular interventional cardiologist. My long-term plan is to have a balance of my clinical cardiology and legal practice after completing my medicalattorney/JD Degree. My Goal is to balance clinical and legal advocacy for patients.

MEDICAL LICENSE

- West Virginia Medical License
- New York State Medical License
- Interstate Medical License – Compact License
- Pakistan Medical and Dental License

EDUCATION & CURRENT AFFILIATIONS

- **Texas Tech University, Permian Basin, Texas, Tech, USA**
Adjunct assistant professor clinical research & Biostatistician
 - **West Virginia University, Princeton Community Hospital, Princeton, West Virginia, USA**
Locum Hospitalist Physician 03/2024 to 03/2025
 - **Montefiore Hospital, Mount Vernon, New York, USA**
Locum Hospitalist physician 4/2024-4/2026
 - **West Virginia University, Morgantown, WV, USA**
July 1, 2024, to present June 30, 2025, Interventional Cardiology Fellow
 - **Master of Science in Clinical and Translational Science, WV, USA**
July 1, 2023, to present September 1, 2024, West VirginiaUniversity, Morgantown, WV
 - **West Virginia University, Morgantown, WV, USA**
July 1, 2021, to June 30,2024, General Cardiology
 - **Icahn School of Medicine at Mount Sinai Elmhurst Hospital, Queens, NY, USA**
July 1, 2018 – June 30, 2021
Internal Medicine Residency
 - **Wah Medical College, University of Health Sciences, Wah Cantt, Islamabad**
January 21, 2008 – April 30, 2013 MBBS
-

PROFESSIONAL EXPERIENCE

- **SUNY Downstate University, Clarkson Ave, Brooklyn, New York**
Preceptor: Dr. Cathryn A. Galanter
Role: Volunteer Research Assistant and Clinical Extern
02/2017 to 05/2018
 - **Lasante Health, Parkside Ave, Brooklyn, NY**
Preceptor: Dr. Emmanuel Valery **Role:** Clinical Extern
10/2016 to 02/2017
 - **Dr. Rizwanullah Hameed Clinic, Schenectady Ave, Brooklyn, NY**
Preceptor: Dr. Rizwanullah Hameed **Role:** Clinical Extern
09/2016 to 10/2016
 - **Emote Psychiatric Services, Park Ave, New York, NY**
Preceptor: Dr. Sangeet Sharma **Role:** Clinical Extern
08/2016 to 09/2016
 - **Dekalb County Hospital, Decatur Rd. Decatur, GA**
Preceptor: Dr. Todd M. Antin **Role:** Psychiatry Clinical Extern 06/2016 to 08/2016
 - **Georgia Regional Hospital, Panthersville Rd, Decatur, GA**
Preceptor: Dr. Angella Shannon **Role:** Psychiatry Clinical Extern 05/2016 to 05/2016
 - **Oncology Clinical Associates, Center Rd, Cleveland, OH**
Preceptor: Dr. Mohammad A. Tirgan
Role: Hematology & Oncology Clinical Extern
02/2016 to 03/2016
 - **Shahabal Polyclinic Hospital, Jhang, Pakistan**
Role: Medical Officer
06/2014 to 12/2015
 - **District Headquarter Hospital, Jhang, Pakistan**
Role: House Physician, Surgery
11/2013 to 05/2014
 - **Pakistan Ordinance Factory (POF) Hospital, Wah Cantt, Pakistan**
Role: House Physician, Internal Medicine
05/2013 to 11/2013
-

LEADERSHIP ROLES AND AWARDS

- **FIT Leader Clinical Data Standards American College of Cardiology / American Heart Association**
- **NYACP Resident Representative of New York**
Jan 2019 – Present

- **New York, American College of Physicians Residents Representative Judge of NYACPmeetings, posters and abstracts**
- **British Medical Journal, Open Heart**
Reviewer
- **Journal of American College of Cardiology**
Reviewer
- **Research Fellow of Heart and Vascular Institute West Virginia University- Year 2021-2022**
- **Research Fellow of Heart and Vascular Institute West Virginia University- Year 2022-2023**
- **Nominee of Top 100 research Papers of Society of Interventional Cardiology (SCAI / CCI Journal)**

RESEARCH PUBLICATIONS

BOOKS

- **Published: Interventional Cardiology Board Review Questions Book: Chapter Coronary Physiologic and Doppler Assessment 2024**

Mukherjee D, MD, FACC, Sattar Y. Interventional Cardiology Board Review: 1400+ Questions and Answers: Print + eBook with Multimedia*. 4th ed. Wolters Kluwer

- **Current book project: Chapter on Application of Intracoronary Physiology:** Use of Pressure and Flow Measurements for the 3rd Edition of the Cardiovascular Catheterization and Intervention: A Textbook of Coronary, Peripheral, and Structural Heart Disease
Editor: Dr Mukherjee and Dr Naidu
- **Resident and Fellowship Q& A**
Insight from trainees and program directors

BOOK CHAPTERS

- **Electrocardiogram**
Sattar, Y., Gondal, ZA., Chhabra, L. Electrocardiogram Book Chapter. 08-2019. StatPearls publishing
- **Interventricular Septum Abscess**
Sattar, Y., Siddiqui, W. Interventricular Septum Abscess. Aug 2019. StatPearls Publishing.
- **Eptifibatide**
Bansal, AB., Sattar, Y., Jamil, RT., Eptifibatide. June 2019. StatPearls Publishing.
- **Ventricular Aneurysm**
Sattar, Y., Chadi, A. Ventricular Aneurysm, 2020 Apr 7. StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan-. Available from <http://www.ncbi.nlm.nih.gov/books/NBK555955/> PubMed PMID: 32310415.
- **Pacemaker**
Sattar, Y et al. Pacemaker Book Chapter. Jan 2020. StatPearls Publishing.
- **EP Study Indications**
Majeed H., Sattar, Y. EP Book Chapter. Jan 2022. StatPearls Publishing.

RECENT COAUTHORED FULL TEXTED JACCIJAH P PAPERS

- 1. Management of Iron Deficiency in Heart Failure: Practical Considerations and Implementation of Evidence-based Intravenous Iron Therapy- JACC State of Art Review – In production 5/2024
- 2. Impact of Social Vulnerability on Cardiac Arrest Mortality in the United States, 2016 to 2020- Observational Study
- 3. 2023 ACC/AHA Key Data Elements and Definitions for Social Determinants of Health in Cardiology-Guidelines
- 4. Sattar et al., Sex and Racial Disparities in Proportionate Mortality of Premature Myocardial Infarction in the United States: 1999 to 2020
- 5. Sattar et al., Impact of Social Vulnerability on Cardiac Arrest Mortality in the United States, 2016 to 2020

-
- 1. **Sattar Y**, Adivi S, Daggubati R. Editorial: Association between orbital atherectomy and periprocedural myocardial injury in lieu of coronary lesion length. *Cardiovasc Revasc Med*. Published online May 10, 2024. doi:10.1016/j.carrev.2024.05.015
 - 2. Khan MZ, Nassar S, Nguyen A, Khan MU, **Sattar Y**, Alruwaili W, Gonuguntla K, Mazek H, Asad ZUA, Agarwal S, Raina S, Balla S, Nguyen B, Fan D, Darden D, Munir MB. Contemporary trends of leadless pacemaker implantation in the United States. *J Cardiovasc Electrophysiol*. 2024 May 2. doi: 10.1111/jce.16295. Epub ahead of print. PMID: 38695242.
 - 3. Khan MZ, **Sattar Y**, Alruwaili W, et al. Pericardial effusion requiring intervention in patients undergoing leadless pacemaker implantation: A real-world analysis from the National Inpatient Sample database. *Heart Rhythm O2*. 2024;5(4):217-223. Published 2024 Feb 19. doi:10.1016/j.hroo.2024.02.004
 - 4. Gonuguntla K, Chobufo MD, Shaik A, Patel N, Penmetsa M, **Sattar Y**, Thyagaturu H, Sama C, Alharbi A, Chan PS, Balla S. Impact of Social Vulnerability on Cardiac Arrest Mortality in the United States, 2016 to 2020. *J Am Heart Assoc*. 2024 May 7;13(9):e033411. doi: 10.1161/JAHA.123.033411. Epub 2024 Apr 30. PMID: 38686873.
 - 5. Afzal Z, Cao H, Chaudhary M, Chigurupati HD, Neppala S, Alruwaili W, Awad M, Sandesara D, Siddique M, Farman A, Zafrullah F, **Sattar Y**. Elevated Lipoprotein(a) Levels: A Crucial Determinant of Cardiovascular Disease Risk and Target for Emerging Therapies. *Curr Probl Cardiol*. 2024 Apr 21:102586. doi: 10.1016/j.cpcardiol.2024.102586. Epub ahead of print. PMID: 38653440.
 - 6. Khan MZ, Nguyen A, Khan MU, **Sattar Y**, Alruwaili W, Gonuguntla K, Sohaib Hayat HM, Mendez M, Nassar S, Abideen Asad ZU, Agarwal S, Raina S, Balla S, Nguyen B, Fan D, Darden D, Munir MB. Association of chronic kidney disease and end-stage renal disease with procedural complications and inpatient outcomes of leadless pacemaker implantations across the United States. *Heart Rhythm*. 2024 Apr 2:S1547-5271(24)02311- 7. doi:10.1016/j.hrthm.2024.03.1816. Epub ahead of print. PMID: 38574789.
 - 7. Manasrah N, Duhan S, Ali S, Atti L, Keisham B, Micho T, Titus A, Pandya KK, Patel NN, Uppal D, **Sattar Y**, AlJaroudi WA, Alraies MC. Impact of heart failure on COVID-19 patients: An insight from nationwide inpatient sample. *Am J Med Sci*. 2024 Jun;367(6):363-374. doi: 10.1016/j.amjms.2024.02.011. Epub 2024 Feb 28. PMID: 38417573.

- 8. Gonuguntla K, Thyagaturu H, Shaik A, Roma N, Thangjui S, Alruwaili W, Patel KN, Nassar S, Valand H, Cheema MS, Jain B, Ahmed A, Raina S, Ditah CM, **Sattar Y**. Takotsubo. Gonuguntla K, Thyagaturu H, Shaik A, Roma N, Thangjui S, Alruwaili W, Patel KN, Nassar S, Valand H, Cheema MS, Jain B, Ahmed A, Raina S, Ditah CM, Sattar Y. Takotsubo cardiomyopathy and psychiatric illness- insight from National Inpatient Sample (NIS) and National Re-admission Database (NRD) 2016 to 2018. *Curr Probl Cardiol*. 2024 Apr;49(4):102429. doi: 10.1016/j.cpcardiol.2024.102429. Epub 2024 Feb 6. PMID: 38331372
- 9. Gonuguntla K, **Sattar Y**, Iqbal K, Sharma A, Yadav R, Alharbi A, Chobufo MD, Naeem M, Shaik A, Balla S. Trends in Premature Mortality from Acute Myocardial Infarction in American Indians/Alaska Natives in the United States from 1999 to 2020. *Am J Cardiol*. 2024 Feb 15;213:72-75. doi: 10.1016/j.amjcard.2023.12.019. Epub 2023 Dec 16. PMID: 38110025.
- 10. Song D, **Sattar Y**, Faisaluddin M, et al. Cardiovascular Outcomes of Transcatheter Aortic Valve Implantation in Patients With Chronic Kidney Disease in Octogenarian Population. *Am J Cardiol*. 2024;211:163-171. doi:10.1016/j.amjcard.2023.07.083
- 11. Avagimyan A, Fogacci F, Pogossova N, Kakturskiy L, Jndoyan Z, Faggiano A, Bairamyan T, Agati L, **Sattar Y**, Mkrchyan L, Avetisyan G, Ginosyan K, Aznauryan A, Sahakyan K, Trofimenko A, Urazova O, Mikhaleva L, Vandysheva R, Kogan E, Demura T, Kc M, Shafie D, Nicola S, Brussino L, Cicero A, Biondi-Zoccai G, Sarrafzadegan N. Methotrexate & rheumatoid arthritis associated atherosclerosis: A narrative review of multidisciplinary approach for risk modification by the international board of experts. *Curr Probl Cardiol*. 2024 Feb;49(2):102230. doi: 10.1016/j.cpcardiol.2023.102230. Epub 2023 Nov 29. PMID: 38040221.
- 12. Mir T, Uddin M, Ulbeh TM, Pervez E, Lohia P, **Sattar Y**, Abohashem S, Ullah W, Maganti K, Qureshi WT, Lakis N. Clinical Outcomes of Aortic Stenosis in Amyloidosis: A United States National Cohort Study. *Heart Lung Circ*. 2024 Apr;33(4):443-449. doi: 10.1016/j.hlc.2023.09.019. Epub 2023 Nov 29. PMID: 38036372.
- 13. Halboni A, Hamza M, Dayco J, Al-Abcha A, Alhalbouni A, Zghouzi M, Alhusain R, **Sattar Y**, Alraies MC. Outcomes of Transcatheter Mitral Valve Repair Using the MitraClip System in Patients With Atrial Fibrillation. A Meta-Analysis. *Am J Cardiol*. 2024 May 15;219:47-59. doi: 10.1016/j.amjcard.2023.09.057. Epub 2023 Oct 18. PMID: 37865125.
- 14. Ali S, Khanal R, Najam M, Fakhra S, Manasrah N, Keisham B, Farooq F, Duhan S, **Sattar Y**, Changezi H, Alraies MC. Short-Term Outcomes of Cardiac Arrhythmias Among COVID-19 Patients: A Propensity Matched National Study. *Curr Probl Cardiol*. 2024 Jan;49(1 Pt C):102087. doi: 10.1016/j.cpcardiol.2023.102087. Epub 2023 Sep 15. PMID: 37716538.
- 15. Zghouzi M, Osman H, Erdem S, Ullah W, Patel N, **Sattar Y**, Aronow H, Paul T, Aggarwal V, Licha H, Gurm H, Fischman D, Mamas M, AlJaroudi W, Alraies MC. In-Hospital Outcomes of Combined Coronary Revascularization and Transcatheter Aortic Valve Implantation in Inpatient Nationwide Analysis. *Curr Probl Cardiol*. 2024 Jan;49(1 Pt A):101913. doi:10.1016/j.cpcardiol.2023.101913. Epub 2023 Aug 7. PMID: 37557942
- 16. Ullah W, Suleiman AM, Osman H, Bodempudi S, Muhammadzai HZU, Zahid S, Zghouzi M, **Sattar Y**, Virani SS, Fischman DL, Alraies MC. Trends and Outcomes of Transcatheter Aortic Valve Implantation in Aortic Insufficiency: A Nationwide Readmission Database Analysis. *Curr Probl Cardiol*. 2024 Jan;49(1 Pt A):102012. doi: 10.1016/j.cpcardiol.2023.102012. Epub 2023 Aug 6. PMID: 37549814.
- 17. Shah RP, Duhan S, Alharbi A, **Sattar Y**, Gonuguntla K, Alhajji M, Jagadeesan V. Contemporary National Trends of Mechanical Circulatory Support Among Myocarditis Hospitalizations Before the Pandemic: A National In-patient Database (2005-2019) Study. *Curr Probl Cardiol*. 2024 Jan;49(1 Pt A):102020. doi: 10.1016/j.cpcardiol.2023.102020. Epub 2023 Aug 5. PMID: 37544616.

- 18. Mir T, Almas T, Kaur J, Faisaluddin M, Song D, Ullah W, Mamtani S, Rauf H, Yadav S, Latchana S, Michaelson NM, Connerney M, **Sattar Y**. Coronavirus disease 2019 (COVID- 19): Multisystem review of pathophysiology. *Ann Med Surg (Lond)*. 2021 Sep; 69:102745. doi: 10.1016/j.amsu.2021.102745. Epub 2021 Aug 23. PMID: 34457265; PMCID: PMC8381637.
- 19. Seen TK, Sayed M, Bilal M, Reyes JV, Bhandari P, Lourdusamy V, Al-Khazraji A, Syed U, **Sattar Y**, Bansal R. Clinical indicators for progression of nonalcoholic steatohepatitis to cirrhosis. *World J Gastroenterol*. 2021 Jun 21;27(23):3238-3248. doi: 10.3748/wjg.v27.i23.3238. PMID: 34163108; PMCID: PMC8218360.
- 20. Mir T, **Sattar Y**, Uddin M, Changal KH, Kumar K, Attique HB, Kabashneh S, Ullah W, Lohia P, Alraies MC, Blank N, Afonso L, Qureshi WT. Post-PCI outcomes in STEMI patients with coronary ectasia: meta-analysis. *Expert Rev Cardiovasc Ther*. 2021 Apr;19(4):349- 356. doi: 10.1080/14779072.2021.1889370. Epub 2021Apr 14. PMID: 33587017.
- 21. **Sattar Y**, Siew KSW, Connerney M, Ullah W, Alraies MC. Management of Takotsubo Syndrome: A Comprehensive Review. *Cureus*. 2020 Jan 3;12(1):e6556. doi: 10.7759/cureus.6556. PMID: 32042529; PMCID: PMC6996473.
- 22. **Sattar Y**, Ullah W, Rauf H, Virk HUH, Yadav S, Chowdhury M, Connerney M, Mamtani S, Pahuja M, Patel RD, Mir T, Almas T, Moussa Pacha H, Chadi Alraies M. COVID-19 cardiovascular epidemiology, cellular pathogenesis, clinical manifestations and management. *Int J Cardiol Heart Vasc*. 2020 Jul 14; 29:100589. doi: 10.1016/j.ijcha.2020.100589. PMID: 32724831; PMCID: PMC7359794.
- 23. Connerney M, **Sattar Y**, Rauf H, Mamtani S, Ullah W, Michaelson N, Dhamrah U, Lal N, Latchana S, Stern AS. Delayed hemodialysis in COVID-19: Case series with literature review. *Clin Nephrol Case Stud*. 2021 Mar 11; 9:26-32. doi: 10.5414/CNCS110240. PMID: 33732571; PMCID: PMC7962471.
- 24. Al-Khadra Y, **Sattar Y**, Ullah W, Mir T, Kajy M, Darmoch F, Pacha HM, Soud M, Zafrullah F, Zghouzi M, Alhatemi G, Banisad A, Hakim Z, Klein A, Alraies MC. Predictors and risk factors of short-term readmission of acute pericarditis. *Expert Rev Cardiovasc Ther*. 2021 Mar;19(3):261-268. doi: 10.1080/14779072.2021.1876564. Epub 2021 Jan 26. PMID: 33499696.
- 25. **Sattar Y**, Mukuntharaj P, Zghouzi M, Suleiman AM, Attique H, Ullah W, Sana MK, Zaher N, Mehmood M, Doshi RP, Panchal A, Mir T, Nadeem M, Ali OE, Mohamed M, Bagur R, Elgendy IY, Mamas MA, Alraies MC. Safety and Efficacy of Renin- Angiotensin-Aldosterone System Inhibitors in COVID-19 Population. *High Blood Press Cardiovasc Prev*. 2021 Jul;28(4):405-416. doi: 10.1007/s40292-021-00462-w. Epub 2021 Jun 28. PMID: 34181203; PMCID: PMC8237039.
- 26. Almas T, Akram A, Ehtesham M, Ahmed R, Khedro T, Malik U, Alshaikh L, Alshaikh L, **Sattar Y**, Hassan Virk HU. Multi-vessel Versus Culprit-vessel-only PCI for STEMI: Where Does the Jury Stand? *Ann Med Surg (Lond)*. 2021 Apr 24; 65:102343. doi: 10.1016/j.amsu.2021.102343. PMID: 33996070; PMCID: PMC8100091.
- 27. **Sattar Y**, Ullah W, Virk HUH, Doshi R, Rauf H, Desai H, Panchal A, Nasir M, Almas T, Ullah I, Pacha HM, Zaher N, Alraies MC. Coronary intravascular lithotripsy for coronary artery calcifications- systematic review of cases. *J Community Hosp Intern Med Perspect*. 2021 Mar 23;11(2):200-205. doi: 10.1080/20009666.2021.1883219. PMID: 33889320; PMCID: PMC8043535.
- 28. Titus A, Sharma N, Narayan G, **Sattar Y**, Angelis D. From Takotsubo to Yamaguchi. *Cureus*. 2022 Mar 28;14(3):e23561. doi: 10.7759/cureus.23561. PMID: 35494949; PMCID: PMC9044692.

- 29. **Sattar Y**, Connerney M, Ullah W, Philippou A, Slack D, McCarthy B, Kroll S, Luddington S, Ruiz Maya T, Alraies MC. COVID-19 Presenting as Takotsubo Cardiomyopathy Complicated with Atrial Fibrillation. *Int J Cardiol Heart Vasc.* 2020 Jul 10; 29:100580. doi: 10.1016/j.ijcha.2020.100580. PMID: 32685662; PMCID:PMC7348613.
- 30. Song D, Seen T, Almas T, Ireifej B, Kupferman J, Khedro T, Alshamlan A, Abdulhadi A, **Sattar Y**, Alraies MC. Chilaiditi syndrome: A structural displacement in a heart failure patient. *Ann Med Surg (Lond).* 2021 Aug 5;68:102687. doi: 10.1016/j.amsu.2021.102687. PMID: 34401144; PMCID: PMC8353377.
- 31. Almas T, Niaz MA, **Sattar Y**, Khedro T, Kanawati A, Yazji K, Alsufyani R, Al- Khatib Y, Akbar A, Mansoor E. Chronic inflammatory demyelinating polyneuropathy as a paraneoplastic manifestation of colorectal carcinoma: What do we know? *Ann Med Surg (Lond).* 2021 Jul 9;68:102545. doi: 10.1016/j.amsu.2021.102545. PMID: 34434545; PMCID: PMC8376678.
- 32. **Sattar Y**, Abdullah HM, Neisani Samani E, Myla M, Ullah W. Arrhythmogenic Right Ventricular Cardiomyopathy/Dysplasia: An Updated Review of Diagnosis and Management. *Cureus.* 2019 Aug 13;11(8):e5381. doi:10.7759/cureus.5381. PMID: 31616612; PMCID: PMC6786836.
- 33. **Sattar Y**, Ullah W, Almas T, Alraies MC. Reply to "SARS-CoV-2-associated Takotsubo is not necessarily triggered by the infection". *Int J Cardiol Heart Vasc.* 2020 Aug 6;30:100613. doi:10.1016/j.ijcha.2020.100613. PMID: 32802937; PMCID: PMC7409938.
- 34. Qureshi WT, Kundu A, Mir T, Khan A, Anwaruddin S, **Sattar Y**, Ogunsua A, Dutta A, Majeed CN, Walker J, Kakouros N. Meta-analysis of minimalist versus standard care approach for transcatheter aortic valvuloplasty. *Expert Rev Cardiovasc Ther.* 2021 Jun;19(6):565-574. doi: 10.1080/14779072.2021.1920926. Epub 2021 May 19. PMID: 33896312.
- 35. Doshi R, Adalja D, Kumar A, Dave M, Shariff M, Shah J, Gullapalli N, Desai R, Rupareliya C, **Sattar Y**, Vallabhajosyula S. Frequency, Trends, and Outcomes of Cerebrovascular Events Associated With Atrial Fibrillation Hospitalizations. *Am J Cardiol.* 2021 Jan 1;138:53-60. doi: 10.1016/j.amjcard.2020.10.015. Epub 2020 Oct 13. PMID: 33058804.
- 36. **Sattar Y**, Wilson J, Khan AM, Adnan M, Azzopardi Larios D, Shrestha S, Rahman Q, Mansuri Z, Hassan A, Patel NB, Tariq N, Latchana S, Lopez Pantoja SC, Vargas S, Shaikh NA, Syed F, Mittal D, Rumesa F. A Review of the Mechanism of Antagonism of N-methyl- D-aspartate Receptor by Ketamine in Treatment-resistant Depression. *Cureus.* 2018 May 18;10(5):e2652. doi: 10.7759/cureus.2652. PMID: 30034974; PMCID:PMC6051558.
- 37. Ullah W, **Sattar Y**, Saeed R, Ahmad A, Boigon MI, Haas DC, Alraies MC. As the COVID-19 pandemic drags on, where have all the STEMIs gone? *Int J Cardiol Heart Vasc.* 2020 May 31;29:100550. doi:10.1016/j.ijcha.2020.100550. PMID: 32550258; PMCID: PMC7261452.
- 38. **Sattar Y**, Ullah W, Roomi S, Rauf H, Mukhtar M, Ahmad A, Ali Z, Abedin MS, Alraies MC. Complications of leadless vs conventional (lead) artificial pacemakers - a retrospective review. *J Community Hosp Intern Med Perspect.* 2020 Aug 2;10(4):328-333. doi: 10.1080/20009666.2020.1786901. PMID: 32850090; PMCID: PMC7427453.
- 39. Mir T, Shanah L, Ahmad U, **Sattar Y**, Chokshi B, Aggarwal A, Prakash P, Attique HB, Changal KH, Kumar K, Alraies C, Qureshi WT, Afonso L. Bioresorbable polymer and durable polymer metallic stents in coronary artery disease: a meta- analysis. *Expert Rev Cardiovasc Ther.* 2021 May;19(5):445-456. doi: 10.1080/14779072.2021.1915769. Epub 2021 Apr 22. PMID: 33884943.
- 40. Mir T, Attique HB, **Sattar Y**, Regmi N, Khan MS, Youns H, Qayoom B, Jerger MT, Alraies MC. Does Pulmonary Embolism in Critically Ill COVID-19 Patients Worsen the In-Hospital Mortality: A Meta-Analysis. *Cardiovasc Revasc Med.* 2021 Oct;31:34-40. doi: 10.1016/j.carrev.2020.11.024. Epub 2020 Nov 25. PMID: 33257254; PMCID: PMC7687401.

- 41. **Sattar Y**, Connerney M, Rauf H, Saini M, Ullah W, Mamtani S, Syed U, Luddington S, Walfish A. Three Cases of COVID-19 Disease With Colonic Manifestations. *Am J Gastroenterol*. 2020 Jun;115(6):948-950. doi:10.14309/ajg.0000000000000692. PMID: 32427677; PMCID: PMC7273932.
- 42. Ullah W, Zghouzi M, Mukhtar M, Banisad A, Alhatemi G, **Sattar Y**, Zahid S, Moussa Pacha H, Gardi D, Alraies MC. Comparative safety of percutaneous ventricular assist device and intra-aortic balloon pump in acute myocardial infarction-induced cardiogenic shock. *Open Heart*. 2021 Jun;8(1):e001662. doi: 10.1136/openhrt-2021-001662. PMID: 34127531; PMCID: PMC8204163.
- 43. **Sattar Y**, Zghouzi M, Suleiman AM, Sheikh A, Kupferman J, Sarfraz A, Arshad J, Mir T, Ullah W, Pacha HM, Thakkar S, Elgendy IY, Alraies MC. Efficacy of remote dielectric sensing (ReDS) in the prevention of heart failure rehospitalizations: a meta-analysis. *J Community Hosp Intern Med Perspect*. 2021 Sep 20;11(5):646-652. doi: 10.1080/20009666.2021.1955451. PMID: 34567456; PMCID: PMC8462919.
- 44. Zghouzi M, Moussa Pacha H, **Sattar Y**, Alraies MC. Successful Treatment of Spontaneous Coronary Artery Dissection With Cutting Balloon Angioplasty. *Cureus*. 2021 Mar 4;13(3):e13706. doi: 10.7759/cureus.13706.PMID: 33824840; PMCID: PMC8016528.
- 45. Ireifej B, Song D, Mukuntharaj P, Seen T, Almas T, Lin X, Kanawati MA, **Sattar Y**. Extended spectrum betalactamase producing *Escherichia coli* eustachian valve infective endocarditis. *Ann Med Surg (Lond)*. 2021 Aug 10;69:102705. doi: 10.1016/j.amsu.2021.102705. PMID: 34429959; PMCID: PMC8365431.
- 46. **Sattar Y**, Majmundar M, Almas T, Song D, Ullah W, Pacha HM, Zghouzi M, Elgendy IY, Murtaza F, Alraies MC. Partial vena cava occlusion (VCO) to counteract refractory heart failure: A new era in interventional heart failure strategy. *Ann Med Surg (Lond)*. 2021 May 12;66:102387. doi: 10.1016/j.amsu.2021.102387. PMID:34040772; PMCID: PMC8141653.
- 47. **Sattar Y**, Rauf H, Bareeqa SB, Ullah W, Myla M. Transcatheter Aortic Valve Replacement versus Surgical Aortic Valve Replacement: A Review of Aortic Stenosis Management. *Cureus*. 2019 Dec 20;11(12):e6431.doi: 10.7759/cureus.6431. PMID: 31993269; PMCID: PMC6970438.
- 48. **Sattar Y**, Ullah W, Zaidi SR, Almas T, Alraies MC. Brugada Pattern Type 2 Diagnosis Unmasked by Aspiration Pneumonia. *Cureus*. 2020 May 28;12(5):e8331. doi: 10.7759/cureus.8331. PMID: 32617208;PMCID: PMC7325341.
- 49. Moussa Pacha H, Mir T, Al-Khadra Y, **Sattar Y**, Ullah W, Zaher N, Ahmad B, M Suleiman AR, Darmoch F, Soud M, Faraz H, Hakim Z, Alraies MC. Trends and causes of readmission following peripheral vascular intervention in patients with peripheral vascular disease. *Catheter Cardiovasc Interv*. 2021 Sep;98(3):540-548. doi:10.1002/ccd.29698. Epub 2021 Apr 16. PMID: 33860990.
- 50. Zghouzi M, Moussa Pacha H, Ullah W, **Sattar Y**, Ahmad B, Osman H, Mohamed MO, Mir T, Banerjee S, Shishehbor MH, Prasad A, Rits Y, Mamas MA, Alraies MC. In- hospital outcomes of endovascular versus surgical revascularization for chronic total occlusion in peripheral artery disease. *Catheter Cardiovasc Interv*. 2021 Oct;98(4):E586-E593. doi:10.1002/ccd.29827. Epub 2021 Jun 23. PMID: 34160890
- 51. **Sattar Y**, Almas T, Majmundar M, Ullah W, Alraies MC. Does everybody with mildly elevated HsTnT without ECG changes have a high risk of cardiovascular events and mortality? *Int J Cardiol Heart Vasc*. 2021 Jul 14;35:100838. doi: 10.1016/j.ijcha.2021.100838. PMID: 34345650; PMCID: PMC8319512.

- 52. Kumar V, **Sattar Y**, Bseiso A, Khan S, Rutkofsky IH. The Effectiveness of Internet-Based Cognitive Behavioral Therapy in Treatment of Psychiatric Disorders. *Cureus*. 2017 Aug 29;9(8):e1626. doi: 10.7759/cureus.1626.PMID: 29098136; PMCID: PMC5659300.
- 53. Ullah W, **Sattar Y**, Rauf H, Roomi S, Shah MI. A Systematic Review of a Long- forgotten Cause of Atrial Fibrillation and Stroke: Cor Triatriatum. *Cureus*. 2019 Dec 13;11(12):e6371. doi: 10.7759/cureus.6371.PMID: 31938652; PMCID: PMC6957057.
- 54. Khan MZ, Zahid S, Khan MU, Kichloo A, Ullah W, **Sattar Y**, Munir MB, Singla A, Goldsweig AM, Balla S. Use and outcomes of cerebral embolic protection for transcatheter aortic valve replacement: A US nationwide study. *Catheter Cardiovasc Interv*. 2021 Nov 1;98(5):959-968. doi: 10.1002/ccd.29842. Epub 2021 Jun 19. PMID: 34145716; PMCID: PMC8578314.
- 55. Ullah W, Zghouzi M, Ahmad B, Suleiman AM, Zahid S, Faisaluddin M, Alabdrazzak M, **Sattar Y**, Kalra A, Kapadia S, Fischman DL, Brilakis ES, Mamas MA, Alraies MC. Safety and efficacy of the polymer-free and polymer-coated drug- eluting stents in patients undergoing percutaneous coronary intervention. *Catheter Cardiovasc Interv*. 2021 Nov 15;98(6):E802-E813. doi: 10.1002/ccd.29953. Epub 2021 Sep 12. PMID:34510705.
- 56. Ilyas I, Kumar A, Adalja D, Shariff M, Desai R, **Sattar Y**, Vallabhajosyula S, Gullapalli N, Doshi R. Intracoronary brachytherapy for the treatment of recurrent drug-eluting stent in- stent restenosis: A systematic review and meta- analysis. *World J Cardiol*. 2021 Apr 26;13(4):95-102. doi:10.4330/wjc.v13.i4.95. PMID: 33968308; PMCID: PMC8069516.
- 57. Pacha HM, Al-Khadra Y, Darmoch F, Soud M, Kwok CS, Mamas MA, Ashraf S, **Sattar Y**, Ullah W, Banerjee S, Arain SA, Feldman DN, Abu-Fadel M, Aronow HD, Shishehbor MH, Alraies MC. In-Hospital Outcomes and Trends of Endovascular Intervention vs Surgical Revascularization in Octogenarians With Peripheral Artery Disease. *Am J Cardiol*. 2021 Apr 15;145:143-150. doi: 10.1016/j.amjcard.2020.12.091. Epub 2021 Jan 15. PMID: 33460607.
- 58. Zia Khan M, Zahid S, Khan MU, Kichloo A, Jamal S, Mannan Khan Minhas A, Ullah W, **Sattar Y**, Balla S. Redo Surgical Mitral Valve Replacement Versus Transcatheter Mitral Valve in Valve From the National Inpatient Sample. *J Am Heart Assoc*. 2021 Sep 7;10(17):e020948. doi: 10.1161/JAHA.121.020948. Epub 2021 Aug 28.PMID: 34459226; PMCID: PMC8649266.
- 59. **Sattar Y**, Ullah W, Mir T, Biswas S, Titus A, Darmoch F, Pacha HM, Mohamed MO, Kwok CS, Fischman DL, Bagur R, Mamas MA, Alraies MC. Safety and efficacy of coronary intravascular lithotripsy for calcified coronary arteries- a systematic review and meta- analysis. *Expert Rev Cardiovasc Ther*. 2021 Jan;19(1):89-98. doi:10.1080/14779072.2021.1845143. Epub 2020 Dec 9. PMID: 33135511
- 60. Ullah W, M Abdullah H, Roomi S, **Sattar Y**, Almas T, Narayana Gowda S, Saeed R, Mukhtar M, Ahmad A, Oliver T, Alraies MC, Haas DC, Fischman DL. Safety and Efficacy of Hydroxychloroquine in COVID-19: A Systematic Review and Meta- Analysis. *J Clin Med Res*. 2020 Aug;12(8):483-491. doi: 10.14740/jocmr4233. Epub 2020 Jul 4. PMID: 32849936; PMCID: PMC7430873.
- 61. Darmoch F, Ullah W, Al-Khadra Y, **Sattar Y**, Pacha HM, Zghouzi M, Soud M, Bagur R, Naidu SS, Goldsweig AM, Mamas M, Brilakis ES, Alraies MC. Characteristics and hospital outcomes of coronary atherectomy within the United States: a multivariate and propensity-score matched analysis. *Expert Rev Cardiovasc Ther*. 2021 Sep;19(9):865-870. doi: 10.1080/14779072.2021.1963233. Epub 2021 Aug 12. PMID: 34330193.

- 62. Abdelhadi N, Zghouzi M, **Sattar Y**, Jokhadar M, Alraies MC. Recurrent Coronary Artery Fistulae and a Novel Transforming Growth Factor Beta-3 Mutation. *Cureus*. 2021 Sep 6;13(9):e17780. doi:10.7759/cureus.17780. PMID: 34659991; PMCID: PMC8496650.
- 63. **Sattar Y**, Majmundar M, Ullah W, Mamtani S, Kumar A, Robinson S, Zghouzi M, Mir T, Dhamrah U, Al-Khadra Y, Pacha HM, Darmoch F, Soud M, Hakim Z, Bagur R, Kaul P, Ijioma N, Panchal A, Shroff AR, Alraies MC. Outcomes of Transradial Versus Transfemoral Access of Percutaneous Coronary Intervention in STEMI: Systematic Review and Updated Meta-analysis. *Expert Rev Cardiovasc Ther*. 2021 May;19(5):433-444. doi:10.1080/14779072.2021.1915768. Epub 2021 Apr 28. PMID: 33896335.
- 64. Alhatemi G, Zghouzi M, **Sattar Y**, Ahmad B, Ullah W, Alraies MC. Anticoagulation management of post-cardiac surgery new-onset atrial fibrillation. *Cleve Clin J Med*. 2022 Jun 1;89(6):329-335. doi:10.3949/ccjm.89a.21003. PMID: 35649561.
- 65. Song D, Ireifej B, Seen T, Almas T, **Sattar Y**, Chadi Alraies M. Diagnosis and management of unilateral subclavian steal syndrome with bilateral carotid artery stenosis. *Ann Med Surg (Lond)*. 2021 Jul 26;68:102597. doi: 10.1016/j.amsu.2021.102597. PMID: 34377448; PMCID: PMC8329505.
- 66. Mir T, Prakash P, **Sattar Y**, Ahmad U, Pervez E, Javed A, Khan MS, Ullah W, Pacha HM, Pahuja M, Lohia P, Alraies MC. Takotsubo syndrome vs anterior STEMI electrocardiography; a meta-analysis and systematic review. *Expert Rev Cardiovasc Ther*. 2020 Nov;18(11):819-825. doi: 10.1080/14779072.2020.1813027. Epub 2020 Sep 3. PMID: 32880506.
- 67. Ullah W, **Sattar Y**, Al-Khadra Y, Mukhtar M, Darmoch F, Rajput N, Hakim Z, Zahid S, Khan MZ, Fischman D, Alraies MC. Clinical outcomes of renal and liver transplant patients undergoing transcatheter aortic valv replacement: analysis of national inpatient sample database. *Expert Rev Cardiovasc Ther*. 2021 Apr;19(4):363-368. doi: 10.1080/14779072.2021.1892489. Epub 2021 Mar 4. PMID: 33615950
- 68. Mir T, Uddin M, Changal KH, Pervez E, Kaur J, **Sattar Y**, Ullah W, Sheikh M. Long-term outcomes of ischemic post-conditioning primary PCI and conventional primary PCI in acute STEMI: a meta-analysis of randomized trials. *Expert Rev Cardiovasc Ther*. 2021 Jul;19(7):673-680. doi: 10.1080/14779072.2021.1941874. Epub 2021 Jun 16. PMID: 34115566.
- 69. Qureshi WT, Ogunsua AA, Kundu A, **Sattar Y**, Fisher DZ, Kakouros N. Angled Microcatheter Assisted Antegrade Dissection Re-Entry Technique for Tortuous Totally Occluded Coronary Arteries. *Cardiovasc Revasc Med*. 2021 Jul;28S:127-131. doi: 10.1016/j.carrev.2021.01.004. Epub 2021 Jan 7. PMID:33500228.
- 70. Khan MZ, Zahid S, Khan MU, Kichloo A, Jamal S, Minhas AMK, Ullah W, **Sattar Y**, Mir T, Balla S, Munir MB. Outcomes of transcatheter aortic valve replacement in patients with and without atrial fibrillation: Insight from national inpatient sample. *Expert Rev Cardiovasc Ther*. 2021 Oct;19(10):939-946. doi: 10.1080/14779072.2021.1988852. Epub 2021 Nov 3. PMID: 34605353.
- 71. Ullah W, Zghouzi M, Ahmad B, Biswas S, Zaher N, **Sattar Y**, Pacha HM, Goldsweig AM, Velagapudi P, Fichman DL, Prasad A, Alraies MC. Meta-Analysis Comparing the Safety and Efficacy of Single vs Dual Antiplatelet Therapy in Post Transcatheter Aortic Valve Implantation Patients. *Am J Cardiol*. 2021 Apr 15;145:111-118. doi: 10.1016/j.amjcard.2020.12.087. Epub 2021 Jan 15. PMID: 33454348.
- 72. Ullah W, Saleem S, Zahid S, **Sattar Y**, Mukhtar M, Younas S, Pasha AK, Inayat A, Fischman DL, Alraies MC. Clinical outcomes of patients with diabetes mellitus and acute ST-elevation myocardial infarction following fibrinolytic therapy: a nationwide inpatient sample (NIS) database analysis. *Expert Rev Cardiovasc Ther*. 2021 Apr;19(4):357-362. doi: 10.1080/14779072.2021.1888716. Epub 2021 Feb 26. PMID: 33567924.

- 73. Ullah W, **Sattar Y**, Darmoch F, Al-Khadra Y, Mir T, Ajmal R, Moussa-Pacha H, Glazier J, Asfour A, Gardi D, Alraies MC. The impact of peripheral arterial disease on patients with mechanical circulatory support. *Int J Cardiol Heart Vasc*. 2020 Apr 7;28:100509. doi: 10.1016/j.ijcha.2020.100509. PMID: 32300637; PMCID:PMC7150524.
- 74. **Sattar Y**, Song D, Sarvepalli D, Zaidi SR, Ullah W, Arshad J, Mir T, Zghouzi M, Elgendy IY, Qureshi W, Chalfoun N, Alraies M. Accuracy of pulsatile photoplethysmography applications or handheld devices vs. 12-lead ECG for atrial fibrillation screening: a systematic review and meta-analysis. *J Interv Card Electrophysiol*. 2021 Nov 13. doi: 10.1007/s10840-021-01068-x. Epub ahead of print. PMID: 34775555.
- 75. Khan MZ, Zahid S, Khan MU, Kichloo A, Jamal S, Khan AM, Ullah W, **Sattar Y**, Munir MB, Balla S. Comparison of In-Hospital Outcomes of Transcatheter Mitral Valve Repair in Patients With vs Without Pulmonary Hypertension (From the National Inpatient Sample). *Am J Cardiol*. 2021 Aug 15;153:101-108. doi: 10.1016/j.amjcard.2021.05.022. Epub 2021 Jun 29. PMID: 34210502.
- 76. Ullah W, Al-Khadra Y, Mir T, Darmoch F, Pacha HM, **Sattar Y**, Ijioma N, Mohamed MO, Kwok CS, Asfour AI, Kapadia S, Rizik D, Zehr K, Mamas MA, Alraies MC. Temporal trends in utilization and outcomes of transcatheter aortic valv replacement in different races: an analysis of the national inpatient sample. *J Cardiovasc Med (Hagerstown)*. 2021 Jul 1;22(7):586-593. doi: 10.2459/JCM.0000000000001172. PMID: 34076606
- 77. Al-Khadra Y, **Sattar Y**, Ullah W, Moussa Pacha H, Baibars M, Darmoch F, Abu- Mahfouz M, Afonso L, Devireddy C, Anwaruddin S, Sorajja P, Ajmal R, Kwok CS, Asfour AI, Zehr K, Mamas MA, Alraies MC. Temporal trends and outcomes in utilisation of transcatheter and surgical aortic valve therapies in aortic valve stenosis patients with heart failure. *Int J Clin Pract*. 2021 Mar;75(3):e13711. doi: 10.1111/ijcp.13711. Epub 2020 Dec 28. PMID: 32955776.
- 78. Mir T, Darmoch F, Ullah W, **Sattar Y**, Hakim Z, Pacha HM, Fouad L, Gardi D, Glazier JJ, Zehr K, Alraies MC. Transcatheter Versus Surgical Aortic Valve Replacement in Renal Transplant Patients: A Meta-Analysis. *Cardiol Res*. 2020 Oct;11(5):280-285. doi: 10.14740/cr1092. Epub 2020 Aug 1. PMID: 32849962; PMCID:PMC7430886.
- 79. Mir T, Ullah W, **Sattar Y**, Al-Khadra Y, Darmoch F, Pacha HM, Alraies MC. Outcomes of percutaneous intervention in in-stent versus de-novo chronic total occlusion: a meta- analysis. *Expert Rev Cardiovasc Ther*. 2020 Nov;18(11):827-833. doi: 10.1080/14779072.2020.1813026. Epub 2020 Aug 31. PMID:32842807.
- 80. Zafar Y, **Sattar Y**, Ullah W, Roomi S, Rashid MU, Khan MS, Schmidt L. Proprotein convertase subtilisin/Kexin type-9 (PCSK-9) inhibitors induced liver injury - a retrospective analysis. *J Community Hosp Intern Med Perspect*. 2020 Feb 10;10(1):32-37. doi: 10.1080/20009666.2019.1710952. PMID: 32128056; PMCID: PMC7034434.
- 81. Ullah W, Pathan SK, Panchal A, Anandan S, Saleem K, **Sattar Y**, Ahmad E, Mukhtar M, Nawaz H. Cost-effectiveness and diagnostic accuracy of telemedicine in macular disease and diabetic retinopathy: A systematic review and meta- analysis. *Medicine (Baltimore)*. 2020 Jun 19;99(25):e20306. doi: 10.1097/MD.00000000000020306. PMID: 32569163; PMCID: PMC7310976.
- 82. **Sattar Y**, Zubair Z, Patel NB, Zafar FS, Hassan A, Tariq N, Latchana S, Biswas S, Usman N, Lopez Pantoja SC. Pulmonary Involvement in Crohn's Disease: A Rare Case Report. *Cureus*. 2018 May 30;10(5):e2710. doi: 10.7759/cureus.2710. PMID: 30065903; PMCID: PMC6065616.
- 83. Ullah W, Ali Z, Khanal S, Khan M, Gajanan G, **Sattar Y**, Mukhtar M, Figueredo V. Spontaneous Coronary Artery Dissection Secondary to Rheumatological Diseases: A Comprehensive Review. *Cureus*. 2019 Jul 24;11(7):e5231. doi: 10.7759/cureus.5231. PMID: 31565632; PMCID: PMC6758995.

- 84. Ullah W, Gowda SN, Khan MS, **Sattar Y**, Al-Khadra Y, Rashid M, Mohamed MO, Alkhouli M, Kapadia S, Bagur R, Mamas MA, Fischman DL, Alraies MC. Early intervention or watchful waiting for asymptomatic severe aortic valve stenosis: a systematic review and meta-analysis. *J Cardiovasc Med (Hagerstown)*. 2020 Nov;21(11):897-904. doi: 10.2459/JCM.0000000000001110. PMID:32925391

- 85. Ullah W, **Sattar Y**, Ullah I, Susheela A, Mukhtar M, Alraies MC, Mamas MA, Fischman DL. Percutaneous Intervention or Bypass Graft for Left Main Coronary Artery Disease? A Systematic Review and Meta-Analysis. *J Interv Cardiol*. 2020 Jul 26;2020:4081642. doi: 10.1155/2020/4081642. PMID: 32774183; PMCID:PMC7399756.

- 86. **Sattar Y**, Bareeqa SB, Rauf H, Ullah W, Alraies MC. Bradycardia, Renal Failure, Atrioventricular-nodal Blocker, Shock, and Hyperkalemia Syndrome Diagnosis and Literature Review. *Cureus*. 2020 Feb 13;12(2):e6985. doi: 10.7759/cureus.6985. PMID: 32201662; PMCID: PMC7075507.

- 87. Cheema MA, Abdullah HMA, Ullah W, **Sattar Y**, Haq S, Cheema K, Ahmad A, Ali Z, Balaratna A. Role of echocardiography in diagnostic evaluation of patients admitted to observation unit. *Am J Cardiovasc Dis*. 2019 Dec 15;9(6):127-133. PMID: 31970028; PMCID: PMC6971420.

- 88. Ghani AR, Ullah W, Abdullah HMA, **Sattar Y**, Sarwar U, Ahsan I, Humayun W. The role of echocardiography in diagnostic evaluation of patients with syncope—a retrospective analysis. *Am J Cardiovasc Dis*. 2019 Oct 15;9(5):78-83. PMID: 31763059; PMCID: PMC6872465.

- 89. Ahmed A, Ullah W, Hussain I, Roomi S, **Sattar Y**, Ahmed F, Saeed R, Ashfaq A. Atrial fibrillation: a leading cause of heart failure-related hospitalizations; a dual epidemic. *Am J Cardiovasc Dis*. 2019 Oct 15;9(5):109-115. PMID: 31763062; PMCID: PMC6872464.

- 90. Rauf H, Ullah W, Roomi S, Ahmad A, **Sattar Y**, Ali Z, Gopiseti N. An unusual case of fungal ball on implantable cardioverter defibrillator wire and literature review. *J Community Hosp Intern Med Perspect*. 2020 Aug 2;10(4):340-342. doi: 10.1080/20009666.2020.1772669. PMID: 32850093; PMCID:PMC7427435.

- 91. **Sattar Y**, Connerney M, Ullah W, Rauf H, Mamtani S, Luddington S, Alraies MC. Coronavirus Disease 2019 With Acute Respiratory Distress Syndrome Mimicking Heart Failure Exacerbation: Time to Rethink. *Cardiol Res*. 2020 Jun;11(3):196-199. doi: 10.14740/cr1074. Epub 2020 May 3. PMID: 32494330; PMCID: PMC7239589.

- 92. **Sattar Y**, Susheela AT, Karki B, Liaqat A, Ullah W, Zafrullah F. Diagnosis and Management of Lemierre's Syndrome Presented with Multifocal Pneumonia and Cerebral Venous Sinus Thrombosis. *Case Rep Infect Dis*. 2020 Mar 22;2020:6396274. doi: 10.1155/2020/6396274. PMID: 32231820; PMCID: PMC7085867.

- 93. Ullah W, **Sattar Y**, Shaukat M, Fischman DL. Safety and efficacy of anticoagulant monotherapy in atrial fibrillation and stable coronary artery disease: A systematic review and meta-analysis. *Eur J Intern Med*. 2020 Nov;81:54-59. doi: 10.1016/j.ejim.2020.06.035. Epub 2020 Jul 22. PMID: 32709546.

- 94. Ullah W, **Sattar Y**, Mukhtar M, Abdullah HM, Figueredo VM, Haas DC, Fischman DL, Chadi Alraies M. Outcomes of open mitral valve replacement versus transcatheter mitral valve repair; insight from the National Inpatient Sample Database. *Int J Cardiol Heart Vasc*. 2020 May 28;28:100540. doi: 10.1016/j.ijcha.2020.100540. Erratum in: *Int J Cardiol Heart Vasc*. 2020 Dec 19;32:100698. Erratum in: *Int J Cardiol Heart Vasc*. 2022 Mar 28;40:100945. PMID: 32490147; PMCID:PMC7262433

- 95. 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 OE, Glazier JJ, Alraies MC. The efficacy and safety of transradial and transfemoral approach in treatment of coronary chronic total occlusion: a systematic review and meta- analysis. *Expert Rev Cardiovasc Ther.* 2020 Nov;18(11):809-817. doi: 10.1080/14779072.2020.1813025. Epub 2020 Oct 27. PMID: 32825807.
- 96. Alhusain R, Dayco J, Awadelkarim A, Almas T, Halboni A, Ahmed AK, Elhussein M, Zghouzi M, Ullah W, **Sattar Y**, Mamas MA, Lakkis N, Alraies MC. Turnpike Catheter failure, causes and mechanisms: Insights from the MAUDE database. *Ann Med Surg (Lond).* 2022 Jun 5;78:103923. doi: 10.1016/j.amsu.2022.103923. PMID:35734685; PMCID: PMC9207068.
- 97. Ullah W, Minalyan A, Saleem S, Nadeem N, Abdullah HM, Abdalla A, Chan V, Saeed R, Khan M, Collins S, Mukhtar M, Grover H, **Sattar Y**, Panchal A, Narayana Gowda S, Khwaja U, Lashari B, Fischman DL. Comparative accuracy of non-invasive imaging versus right heart catheterization for the diagnosis of pulmonary hypertension: A systematic review and meta-analysis. *Int J Cardiol Heart Vasc.* 2020 Jul 1;29:100568. doi: 10.1016/j.ijcha.2020.100568. PMID: 32642551; PMCID: PMC7334462.
- 98. Almas T, Rehman S, Mansour E, Khedro T, Alansari A, Malik J, Alshareef N, Nagarajan VR, Al-Awaid AH, Alsufyani R, Alsufyani M, Rifai A, Alzahrani A, Nagarajan DR, Abdullatif T, Gunasaegaram V, Alzadjali E, Subramanian A, Rahman A, **Sattar Y**, Galo J, Virk HUH, Alraies MC. Epidemiology, clinical ramifications, and cellular pathogenesis of COVID-19 mRNA-vaccination-induced adverse cardiovascular outcomes: A state-of-the-heart review. *Biomed Pharmacother.* 2022 May;149:112843. doi: 10.1016/j.biopha.2022.112843. Epub2022 Mar 21. PMID: 35325848; PMCID: PMC8934717.
- 99. Ullah W, Ahmad A, **Sattar Y**, Sarwar U, Abdullah HMA, Cheema MA, Figueredo VM. Importance of Basal Metabolic Index in the Diagnosis of Heart Failure With B-Type Natriuretic Peptide. *Cardiol Res.* 2019 Aug;10(4):211-215. doi: 10.14740/cr898. Epub 2019 Jul 31. PMID: 31413777; PMCID: PMC6681847.
- 100. Zaher N, **Sattar Y**, Mahmood S, Vacek T, Alraies MC. COVID-19 Infection Complicated by a Complete Occlusion of the Left Circumflex Artery With Acute Restenosis After Drug- Eluting Stent Placement. *Cureus.* 2020 Sep 29;12(9):e10708. doi: 10.7759/cureus.10708. PMID: 33133872; PMCID: PMC7594670.
- 101. **Sattar Y**, Ruiz Maya T, Zafrullah F, Patel NB, Latchana S. Diagnosis and Management of a Cardiac Amyloidosis Case Mimicking Hypertrophic Cardiomyopathy. *Cureus.* 2018 Dec 18;10(12):e3749. doi: 10.7759/cureus.3749. PMID:30820370; PMCID: PMC6388819
- 102. **Sattar Y**, Talib U, Faisaluddin M, Song D, Lak HM, Laghari A, Khan MZ, Ullah W, Elgendy IY, Balla S, Daggubati R, Kawsara A, Jneid H, Alraies CM, Alam M. Meta-Analysis Comparing Distal Radial Versus Traditional Radial Percutaneous Coronary Intervention or Angiography. *Am J Cardiol.* 2022 May 1;170:31-39. doi: 10.1016/j.amjcard.2022.01.019. Epub2022 Mar 2. PMID: 35248389
- 103. Kawsara A, Osman M, Sulaiman S, **Sattar Y**, El Shaer A, Alkhouli M. Interhospital readmissions and earlypost-discharge outcomes of transcatheter mitral valve edge-to- edge repair. *Cardiovasc Revasc Med.* 2022 Feb 9:S1553-8389(22)00049-5. doi: 10.1016/j.carrev.2022.01.025. Epub ahead of print. PMID: 35165050.
- 104. Mir T, **Sattar Y**, Ahmad J, Ullah W, Shanah L, Alraies MC, Qureshi WT. Outcomes of in-hospital cardiacarrest in COVID-19 patients: A proportional prevalence meta-analysis. *Catheter Cardiovasc Interv.* 2022 Jan 1;99(1):1-8. doi: 10.1002/ccd.29525. Epub 2021 Feb 4. PMID:33543564; PMCID: PMC8014883.
- 105. Bindra BS, Ramineni G, **Sattar Y**, Khillan R. CD-20 Negative Plasmablastic Lymphoma Lurking in the Shadow of a Leiomyoma - Diagnosis and Management. *Cureus.* 2019 Jul 23;11(7):e5217. doi:10.7759/cureus.5217. PMID: 31565620; PMCID: PMC6758954.

- 106. Khan Y, Cheema MA, Abdullah HMA, **Sattar Y**, Haq S, Balaratna A, Cheema K, Ullah W. Great saphenousvein stump: a risk factor for superficial/deep venous thrombosis and an indication for prophylactic anticoagulation? - a retrospective analysis. *J Community Hosp Intern Med Perspect*. 2019 Dec 14;9(6):473-476. doi: 10.1080/20009666.2019.1655626. PMID: 32002152; PMCID: PMC6968707.
- 107. **Sattar Y**, Susheela AT, Ullah W, Usman N, Zafrullah F. Use of Plasmapheresis and Immunosuppressants to Treat Diffuse Alveolar Hemorrhage in a Patient with Granulomatosis with Polyangiitis. *Medicina (Kaunas)*. 2019 Jul 16;55(7):378. doi: 10.3390/medicina55070378. PMID:31315254; PMCID: PMC6681500.
- 108. **Sattar Y**, Song D, Kompella R, Arshad J, Zghouzi M, Mir T, Ullah W, Elgendy IY, Alraies MC. Meta-Analysis Comparing Gender-Based Cardiovascular Outcomes of Transradial Versus Transfemoral Access of Percutaneous Coronary Intervention. *Am J Cardiol*. 2022 Jan 1;162:49-57. doi:10.1016/j.amjcard.2021.08.059. PMID: 34903346.
- 109. **Sattar Y**, Almas T, Arshad J, Zghouzi M, Ullah W, Mir T, Mohamed MO, Elgendy IY, Aljaroudi W, Prasad A, Shlofmitz R, Mamas MA, Kereiakes DJ, Chadi Alraies M. Clinical and angiographic success and safety comparison of coronary intravascular lithotripsy: An updated meta-analysis. *Int J Cardiol Heart Vasc*. 2022 Feb 24;39:100975. doi: 10.1016/j.ijcha.2022.100975. PMID: 35242998; PMCID: PMC8881660.
- 110. Ullah W, Zghouzi M, Sattar Z, Ahmad B, Zahid S, Suleiman AM, **Sattar Y**, Khan MZ, Paul T, Bagur R, Qureshi MI, Fischman DL, Banerjee S, Prasad A, Alraies MC. Safety and efficacy of drug-coated balloon for peripheral artery revascularization-A systematic review and meta-analysis. *Catheter Cardiovasc Interv*. 2022 Mar;99(4):1319-1326. doi: 10.1002/ccd.30074. Epub 2022 Jan 18. PMID: 35043555.
- 111. Mir T, **Sattar Y**, Attique HB, Hussain T, Alraies MC, Sheikh M, Qureshi WT. Meta-Analysis of Direct Oral Anticoagulants Compared With Vitamin K Antagonist for Left Ventricle Thrombus. *Cardiovasc Revasc Med*. 2022 Feb;35:141-146. doi:10.1016/j.carrev.2021.03.001. Epub 2021 Mar 9. PMID: 33722539
- 112. Khan MZ, Zahid S, Kichloo A, Jamal S, Minhas AMK, Khan MU, Ullah W, **Sattar Y**, Balla S. Gender, Racial, Ethnic, and Socioeconomic Disparities in Palliative Care Encounters in Ischemic Stroke Admissions. *Cardiovasc Revasc Med*. 2022 Feb;35:147-154. doi: 10.1016/j.carrev.2021.04.004. Epub 2021 Apr 8. PMID:33863656.
- 113. **Sattar Y**, Wasiaq S, Yasin W, Khan AM, Adnan M, Shrestha S, Patel NB, Latchana S. Carglumic Acid Treatment of a Patient with Recurrent Valproic Acid- induced Hyperammonemia: A Rare Case Report. *Cureus*. 2018 Sep 12;10(9):e3292. doi: 10.7759/cureus.3292. PMID: 30443462; PMCID: PMC6235635.
- 114. **Sattar Y**, Abdul Razzack A, Kompella R, Alhajri N, Arshad J, Ullah W, Zghouzi M, Mir T, Power D, Qureshi WT, Aljaroudi W, Elgendy IY, Mamas MA, Alraies MC. Outcomes of intravascular ultrasound versus optical coherence tomography guided percutaneous coronary angiography: A meta regression-based analysis. *Catheter Cardiovasc Interv*. 2022 Jan 1;99(1):E1-E11. doi: 10.1002/ccd.29976. Epub 2021 Oct 20. PMID: 34668640.
- 115. Mir T, Uddin M, Qureshi W, Micho-Ulbeh T, Nazir S, Kichloo A, Babu MA, Ullah W, **Sattar Y**, Abohashem S, Saydain G, Bhat Z, Sheikh M. Acute myocardial infarction and acute heart failure among renal transplant recipients: a national readmissions database study. *J Nephrol*. 2022 Feb 9. doi: 10.1007/s40620-022-01252-w. Epub ahead of print. PMID: 35138626.
- 116. Zahid S, Khan MZ, Bapaye J, Altamimi TS, Elkhapery A, Thakkar S, Nepal M, Rai D, Ullah W, Patel HP, **Sattar Y**, Khan MU, Ur Rahman A, Balla S. Outcomes, Trends, and Predictors of Gastrointestinal Bleeding in Patients Undergoing Transcatheter Aortic Valve Implantation (from the National Inpatient Sample). *Am J Cardiol*. 2022 May 1;170:83-90. doi: 10.1016/j.amjcard.2022.01.022. Epub 2022 Feb 19. PMID: 35193764.

- 117. Ullah W, **Sattar Y**, Mukhtar M, Abdullah HM, Figueredo VM, Haas DC, Fischman DL, Chadi Alraies M. Corrigendum to "Outcomes of open mitral valve replacement versus Transcatheter mitral valve repair;insight from the National Inpatient Sample Database" [IJC Heart Vasculat. 28 (2020) 100540]. Int J Cardiol Heart Vasc. 2022 Mar 28;40:100945. doi: 10.1016/j.ijcha.2021.100945. Erratum for: Int J Cardiol Heart Vasc. 2020 May 28;28:100540. PMID: 35663455; PMCID: PMC9157461.
 - 118. Ullah W, Jafar M, Zahid S, Ahmed F, Khan MZ, **Sattar Y**, Fischman DL, Virani SS, Alam M. Predictors of In-Hospital Mortality in Patients With End-Stage Renal Disease Undergoing Transcatheter Aortic ValveReplacement: A Nationwide Inpatient Sample Database Analysis. Cardiovasc Revasc Med. 2022 Jan;34:63-68. doi:10.1016/j.carrev.2021.02.002. Epub 2021 Feb 5. PMID: 33574003
 - 119. **Sattar Y**, Kompella R, Ahmad B, Aamir M, Suleiman AM, Zghouzi M, Ullah W, Zafrullah F, Elgendy IY, Balla S, Kawsara A,Alraies MC. Comparison of left atrial appendage parameters using computed tomography vs. transesophageal echocardiography for watchman device implantation: a systematic review & meta- analysis. Expert Rev Cardiovasc Ther. 2022 Feb;20(2):151-160. doi: 10.1080/14779072.2022.2043745. Epub 2022 Mar 4. PMID: 35172121
 - 120. Zghouzi M, Osman H, Ullah W, Suleiman AR, Razvi P, Abdalrazzak M, Rabbat F, Alraiyes M, **Sattar Y**, Bagur R, Paul T, Matetic A, Mamas MA, Lakkis N, Alraies MC. Safety and efficacy of transcatheter aortic valve implantation in stenotic bicuspid aortic valve compared to tricuspid aortic valve: a systematic review and meta-analysis. Expert Rev Cardiovasc Ther. 2022 Jul 5:1-8. doi: 10.1080/14779072.2022.2094368. Epub ahead of print. PMID: 35770517.
 - 121. Matetic A, Mohamed MO, Roberts DJ, Rana JS, Alraies MC, Patel B, Sauer AJ, Diaz-Arocutipa C, **Sattar Y**, Van Spall HGC, Mamas MA. Real-world management and outcomes of 7 million patients with acute coronary syndrome according to clinical research trial enrolment status: a propensity matched analysis. Eur Heart J Qual Care Clin Outcomes. 2022 Jun 6;8(4):409-419. doi: 10.1093/ehjqcco/qcab098. PMID: 34940843.
 - 122. Alraies MC, **Sattar Y**, Ullah W. Reply to the "Detailed association between peripheral arterial disease and comorbidityfollowing left ventricular assist device implantation". Int J Cardiol Heart Vasc. 2020 Jun 28;29:100565. doi: 10.1016/j.ijcha.2020.100565. PMID: 32637568; PMCID: PMC7330064
-

ABSTRACTS/ POSTERS

1. Abdullah, Hafez; Ullah, Waqas; Jafar, Munnam; Gowda, Smitha Narayana; **Sattar, Yasar**; Alraies, M Chadi; Safety And Efficacy Of Rivaroxaban Compared With Warfarin In End-Stage Renal Disease With Atrial Fibrillation: A Meta-Analysis. American College of Cardiology Annual meeting 2020, Chicago, IL, USA. JACC 2020, 75, 11Supplement 1, 468
2. Ullah, W., Al-khadra, **Y.**, **Sattar**, Y., Darmoch, F., Hakim, Z. & Alraies, M.C. (May, 2020). Clinical Outcomes of Liver Transplant Patients undergoing Transcatheter Aortic Valve Replacement. Oral Presentation presented at: SCAI 2020; Atlanta, GA, USA.
3. **Sattar, Y.**, Ullah, W., Umaima, D., Robinson, S., Khan, M., & Alraies, M.C. (May, 2020). Percutaneous Coronary Intervention: Radial vs Femoral Access for ST-Elevation Myocardial Infarction- A Meta-analysis Oral Presentation presented at: SCAI 2020; Atlanta, GA, USA.
4. Ullah, W., Al-khadra, **Y.**, **Sattar**, Y., Darmoch, F., Hakim, Z., & Alraies, M.C. (May, 2020). Clinical Outcomes of Renal Transplant Patients undergoing Transcatheter Aortic Valve Replacement Oral Presentation presented at: SCAI 2020; Atlanta, GA, USA.
5. **Sattar, Y.**, Ullah, W., Titus, A., Biswas, S., Ali, O.E., Hakim, Z., & Alraies, M.C. (May, 2020). Trends of Hematologic Complications of Transcatheter Aortic Valve Replacement- Analysis from National Inpatient Sample Oral Presentation presented at: SCAI 2020; Atlanta, GA, USA
6. **Sattar, Y.**, Biswas, S., Zarfullah, F., & Alraies, M.C. (May, 2020). Trends of Valve Site / Paravalvular Complications of Transcatheter Aortic Valve Replacement- Analysis from Nationwide Inpatient Sample Database. Oral Presentation presented at: SCAI 2020; Atlanta, GA, USA.
7. **Sattar, Y.**, Ullah, W., Ullah, I., Biswas, S., & Alraies, M.C. (May, 2020). The Outcomes of Patients with Severely Calcified Left Coronary Artery Disease Undergoing Coronary Intravascular Lithotripsy. Oral Presentation presented at: SCAI 2020; Atlanta, GA, USA.
8. Mir, T., Al-khadra, Y., Moussa Pacha, H., **Sattar, Y.**, Ullah, W., Ajmal, R., Vacek, T.P., Gardi, D.O., Ali, O.E., Hakim, Z., & Alraies, M.C. (May, 2020). Transcatheter vs. Surgical Aortic Valve Replacement in Renal Transplant Patients : A Meta-analysis Oral Presentation presented at: SCAI 2020; Atlanta, GA, USA.
9. Homam Moussa Pacha, Yasser Al-khadra, Fahed Darmoch, Waqas Ullah, **Yasar Sattar**, Omar E. Ali, Zaher Hakim, Delair O. Gardi, M.D.9, Aziz Alkatib,, Abedelrahim Asfour, and M. Chadi Alraies, (May, 2020). Trends and Causes of Readmission Following Peripheral Vascular Intervention In Patients With Peripheral Vascular Disease Oral Presentation presented at: SCAI 2020; Atlanta, GA, USA.
10. Ullah, Waqas; Saleem, Sameer; **Sattar, Yasar**; Zahid, Salman; Al hemyari, Bashar; Younas, Sundas; Moussa Pacha, Homam; Al-khadra, Yasser; Abdul-Waheed, Mohammad; Fischman, David L; Alraies, M Chadi; Comparative Analysis of TAVR With PCI and SAVR With CABG-A Nationwide Inpatient Sample Database. AHA 2020 scientific sessions virtual experience. Circulation, 142, Suppl_3 A17383-A17383.
11. Ullah, Waqas; Zahid, Salman; **Sattar, Yasar**; Moussa Pacha, Houmam; Darmoch, Fahed; Banisad, Ali; Alhatemi, Gaith; Sohaib, Roomi; Panchal, Ankur; Fischman, David L; Alraies, M Chadi. Comparative Analysis of Mechanical Circulatory Support in Patients With Acute Coronary Artery Syndrome Induced Cardiogenic Shock. AHA 2020 scientific sessions virtual experience. Circulation, 142, S Suppl_3, A17381-A17381.
12. **Sattar, Yasar**; Ullah, Waqas; Zahid, Salman; Moussa Pacha, Housam; Rauf Khawaja, Uneza; Darmoch, Fahed; Soud, Mohamad; Alkhadra, Yasser; Demirhan, Mehmet E; Patel, Urja; Alraies, M Chadi. Clinical Outcomes of Hyponatremia in Patients Undergoing TAVR-A National Inpatient Sample Database. AHA 2020 scientific sessions virtual experience. Circulation, 142, Suppl_3 A17288-A17288.

- 13. Ullah, Waqas; Zahid, Salman; Narayana Gowda, Smitha; Munir, Samavia; **Sattar, Yasar**; Moussa Pacha, Houmam; Ghani, Ali; Alraies, M Chadi; Fischman, David L. Culprit-Only versus Complete Multivessel Percutaneous Coronary Intervention in Patients with ST-elevation Myocardial Infarction: An Updated Meta-Analysis. AHA 2020 scientific sessions virtual experience. *Circulation*, 142, Suppl_3, A17249-A17249.
- 14. Alraies MC, **Sattar Y**, Sarvepalli D, Ullah W, Zaidi SR, Arshad J, Mir T, Elgendy I, Qureshi W, Zghouzi M. PHOTOPLETHYSMOGRAPHY APPLICATIONS VS. 12-LEAD EKG FOR ATRIAL FIBRILLATION SCREENING-A DIAGNOSTIC ACCURACY META-ANALYSIS. *Journal of the American College of Cardiology* 2021;77(18_Supplement_1):417-417.
- 15. Alraies MC, **Sattar Y**, Suleiman A-R, Ullah W, Ahmad B, Zghouzi M, Doshi R, Gardi D, Ali O, Hakim Z. SAFETY AND EFFICACY OF CORONARY INTRAVASCULAR LITHOTRIPSY FOR CALCIFIED CORONARY ARTERY DISEASE. *Journal of the American College of Cardiology* 2021;77(18_Supplement_1):1218-1218.
- 16. Pacha HM, **Sattar Y**, Ahmad T, Dhoble A, Charitakis K, Arain S, Balan P, Johnson N, Alraies MC, Smalling R. PREDICTORS OF ACUTE MYOCARDIAL INFARCTION AND ADVERSE OUTCOMES IN PATIENTS HOSPITALIZED WITH INFLUENZA. *Journal of the American College of Cardiology* 2021;77(18_Supplement_1):201-201.
- 17. **Sattar Y**, Ahmad B, Arshad J, Khawaja U, Suleiman A-RM, Hakim Z, Ali OE, Gardi D, Alhatemi G, Darmoch F. OUTCOMES OF TRANSCATHETER VS. SURGICAL AORTIC VALVE REPLACEMENT IN OCTOGENARIANS WITH HEART FAILURE. *Journal of the American College of Cardiology* 2021;77(18_Supplement_1):1167-1167.
- 18. **Sattar Y**, Ahmad B, Suleiman A-R, Aamir M, Jabr A, Zaher N, Zghouzi M, Zafrullah F, Ullah W, Alraies MC. COMPARISON OF LEFT ATRIAL APPENDAGE SIZE USING COMPUTED TOMOGRAPHY VS. TRANSESOPHAGEAL ECHOCARDIOGRAPHY FOR WATCHMAN DEVICE IMPLANTATION. *Journal of the American College of Cardiology* 2021;77(18_Supplement_1):1449-1449.
- 19. **Sattar Y**, Aldrugh S, Amjad W, Kovell L, Dutta A, Suleiman A-RM, Kakouros N, Alraies MC, Qureshi WT. PREVALENCE AND OUTCOMES OF GASTROINTESTINAL ANGIODYSPLASIA IN AORTIC STENOSIS PATIENTS: AN ANALYSIS OF NATIONAL READMISSION DATABASE. *Journal of the American College of Cardiology* 2021;77(18_Supplement_1):1773-1773.
- 20. **Sattar Y**, Arshad J, Ahmad B, Suleiman A-r, Ullah W, Alhatemi G, Alhajri N, Alraies MC. META ANALYSIS OF CARDIOVASCULAR OUTCOMES OF ETHYL EICOSAPENTAENOIC ACID IN DIABETES MELLITUS AND CORONARY ARTERY DISEASE. *Journal of the American College of Cardiology* 2021;77(18_Supplement_1):1188-1188.
- 21. **Sattar Y**, Mukuntharaj P, Attique H, Ullah W, Sana MK, Zaher N, Suleiman A-RM, Mehmood M, Panchal A, Mir T. META-ANALYSIS OF SAFETY AND EFFICACY OF RENIN ANGIOTENSIN ALDOSTERONE SYSTEM INHIBITORS IN COVID-19 POPULATION. *Journal of the American College of Cardiology* 2021;77(18_Supplement_1):3158-3158
- 22. **Sattar Y**, Suleiman A-RM, Mir T, Ullah W, Zghouzi M, Arshad J, Alhatemi G, Pacha HM, Alraies MC. TREND OF HEART FAILURE READMISSION PREVENTION IN REMOTE DIELECTRIC SENSING (REDS) MONITORING-A META-ANALYSIS. *Journal of the American College of Cardiology* 2021;77(18_Supplement_1):808-808
- 23. Ullah W, Uddin MF, Sandhyavenu H, **Sattar Y**, Zghouzi M, Suleiman A-RM, Pasha A, Zahid S, Alraies MC, Sabouret P. SINGLE VS. DUAL ANTIPLATELET THERAPY IN PATIENTS WITH ACUTE CORONARY SYNDROME-A META-ANALYSIS. *Journal of the American College of Cardiology* 2021;77(18_Supplement_1):18-18.

- 25. Ullah W, Zghouzi M, Ahmad B, Biswas S, Zaher N, **Sattar Y**, Pacha HM, Goldsweig A, Velagapudi P, Fischman D. SAFETY AND EFFICACY OF SINGLE VS. DUAL ANTIPLATELET THERAPY IN POST-TAVR PATIENTS: ASYSTEMATIC REVIEW AND META-ANALYSIS. *Journal of the American College of Cardiology* 2021;77(18_Supplement_1):943-943.
- 26. Ullah W, Zghouzi M, Ahmad B, **Sattar Y**, Sattar Z, Pacha HM, Zaher N, Zahid S, Alhatemi G, Mir T. SAFETY ANDEFFICACY OF DRUG COATED BALLOON ANGIOPLASTY FOR PERIPHERAL ARTERY REVASCULARIZATION. A META-ANALYSIS. *Journal of the American College of Cardiology* 2021;77(18_Supplement_1):1150-1150.
- 27. Zaher N, Alhusain R, Haboni A, Ubeh TM, Suleiman A-R, Soudan M, **Sattar Y**, Sebastian J, Zghouzi M, Ahmad B. THE IMPACT OF COVID-19 ON PATIENTS PRESENTING WITH ACUTE CORONARY SYNDROME. *Journal of the American College of Cardiology* 2021;77(18_Supplement_1):3189-3189.
- 28. Zghouzi M, Pacha HM, Ullah W, **Sattar Y**, Ahmad B, Suleiman A-R, Al-Khadra Y, Alhajri N, Mir T, Darmoch F. IN-HOSPITAL OUTCOMES OF ENDOVASCULAR INTERVENTION VS SURGICAL BYPASS IN PERIPHERALVASCULAR DISEASE WITH CHRONIC TOTAL OCCLUSION. *Journal of the American College of Cardiology* 2021;77(18_Supplement_1):1141-1141.
- 29. Zghouzi M, Ullah W, Ahmad B, **Sattar Y**, Zaher N, Mir T, Elmakshbr N, Ali O, Gardi D, Hakim Z. SAFETY AND EFFICACY OF SOLUBLE GUANYLATE CYCLASE STIMULATORS IN PATIENTS WITH HEARTFAILURE. *Journal of the American College of Cardiology* 2021;77(18_Supplement_1):772-772.
- 30. Zghouzi M, Ullah W, Sandhyavenu H, Pacha HM, Al-Khadra Y, Ahmad B, **Sattar Y**, Suleiman A-R, Garcia S, Bagur R. HYBRID CORONARY REVASCULARIZATION VERSUS CORONARY ARTERY BYPASS GRAFT IN PATIENTSWITH MULTIVESSEL CORONARY ARTERY DISEASE A META-ANALYSIS. *Journal of the American College of Cardiology* 2021;77(18_Supplement_1):1042-1042.
- 31. **Sattar Y**, Kompella R, Arshad J, Suleiman A, Ahmad B, Zafrullah F, Song D, Ullah W, Zghouzi M, Alraies MC. Gender Outcomes of Transradial vs Transfemoral Access of Percutaneous Coronary Intervention- A Systematic Review and Meta-analysis. (2021), Abstract. *Catheter Cardiovasc Interv*, 97: S9- S111. <https://doi.org/10.1002/ccd.29644>
- 32. **Sattar Y**, Kompella R, Riasat M, Seen T, Reyes J, Song D, Manuzon-Torres M, Saini MK, Ullah W, Zghouzi M, Alraies MC. Outcomes of Calcified Coronary Artery Disease in Liver Disease Population. (2021), Abstract. *Catheter Cardiovasc Interv*, 97: S9- S111. <https://doi.org/10.1002/ccd.29644>
- 33. Zghouzi M, Ullah W, Banisad A, Alhatemi G, **Sattar Y**, Zaher N, Suleiman A, Ahmad B, Zahid S, Moussa Pacha H, Hakim Z, Alraies MC. Comparative safety of percutaneous ventricular assist device and intra-aortic balloonpump in acute myocardial infarction induced cardiogenic shock. (2021), Abstract. *Catheter Cardiovasc Interv*, 97: S9- S111. <https://doi.org/10.1002/ccd.29644>
- 34. **Sattar Y**, Abdul Razzack A, Kompella R, Alhajri N, Arshad J, Ullah W, Zghouzi M, Power D, Qureshi W, Elgendy IY, Alraies MC. Outcomes of Intravascular Ultrasound vs. Optical Coherence Tomography Guided Percutaneous Coronary Angiography in Acute Coronary Syndrome, A Meta-Analysis. (2021), Abstract. *Catheter Cardiovasc Interv*, 97: S9- S111. <https://doi.org/10.1002/ccd.29644>
- 35. Zghouzi M, Ullah W, Jafar M, Zahid S, **Sattar Y**, Zaher N, Al-khadra Y, Darmoch F, Moussa Pacha H, Ahmad B, Bagur R, Mohamed M, Tayal R, Fischman D, Kapadia S, Rizik D, Zehr K, Mamas M, Alraies MC. In-HospitalOutcomes of Transcatheter Aortic Valve Replacement with Hyponatremia - A Propensity Matched Analysis.(2021), Abstract. *Catheter Cardiovasc Interv*, 97: S9-S111. <https://doi.org/10.1002/ccd.29644>

- 36. **Yasar Sattar**, Waqas Ullah, Sam Robinson, Madhura Myla, SHOCKWAVE INTRAVASCULAR LITHOTRIpsy IN THE MANAGEMENT OF CALCIFIED CORONARY ARTERY STENOSIS, Journal of the American College of Cardiology, Volume 75, Issue 11, Supplement 1, 2020, Page 261, ISSN 0735-1097, [https://doi.org/10.1016/S0735-1097\(20\)30888-3](https://doi.org/10.1016/S0735-1097(20)30888-3).
-

REFERENCES

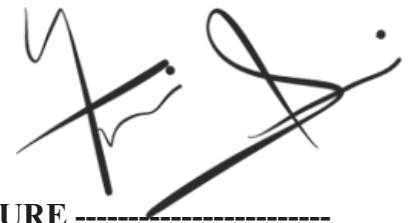
- **Sudarshan Balla MD**
Program director, general cardiology fellowship
West Virginia University
Sudarshan.balla@wvumedicine.org

- **Chadi Alraies MD**
Wayne State University, Detroit, MI
alraies@hotmail.com

- **Islam Y Elgendy, MD, FACC, FSCAI**
Weill Cornell Medicine Qatar
Email: Iyelgendy@gmail.com

- **Mahboob Alam MD**
Baylor College of Medicine
Email: malam@bcm.edu

- **Dr Ramesh Daggubati MD FSCAI**
West Virginia University
Email: ramesh.daggubati@wvumedicine.org



SIGNATURE -----

DATED: JUNE 4, 2024