

Husam Shadid, MD

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EDUCATION

9/2011 – 6/2015 University of California, Los Angeles
Bachelor of Science, Biology
8/2015 – 5/2019 College of Human Medicine at Michigan State University
Doctor of Medicine

POST DOCTORAL TRAINING

7/2019 – 6/2022 University of Michigan Health System, Ann Arbor, MI
Internal Medicine Residency
7/2022 – 6/2025 University of Texas Health Science Center, Houston, TX
Cardiovascular Disease Fellowship
7/2025 – 6/2026 Ascension Borgess Medical Center, Kalamazoo, MI
Interventional Cardiology Fellowship

CERTIFICATION AND LICENSURE

2022 American Board of Internal Medicine (ID # 444096)
2023 DEA License, Texas (ID # FS2988888)
2024 National Board of Echocardiography
2024 Advanced Cardiac Life Support
2025 Physician License, State of Texas (TMB # U4005)
2025 Physician License, State of Michigan (#4301513352)
2025 Controlled Substance License, State of Michigan (#5315206761)
2025 DEA License, Michigan (ID # FS5306560)
2025 Registered Physician in Vascular Interpretation, APCA
2025 Certification Board of Nuclear Cardiology, APCA

HONORS AND AWARDS

2012 Alpha Lambda Delta & Phi Eta Sigma National Honor Recognition
2014 Golden Key Honor Recognition
2015 Graduated with Cum Laude Latin Honors
2015 Graduated with Highest Departmental Honors in Biology
2017 Outstanding Performance Recognition
2017 Student Medical Education Enrichment Award
2019 Alpha Omega Alpha Award

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

2019 – present American College of Physicians
2020 – present American Heart Association
2021 – present American College of Cardiology
2024 – present Society for Cardiovascular Angiography & Interventions

COMMITTEE, ORGANIZATIONAL, AND VOLUNTEER SERVICE

2012 – 2014	Hospital Volunteer, Ronald Reagan Center, Los Angeles, CA
2014 – 2015	American Medical Student Association – President, College of Human Medicine
2016 – 2017	Cardiology Interest Group – Co-President, College of Human Medicine
2018 – 2019	Healthcare Volunteer for Underserved Communities, HUDA Clinic, Detroit, MI
2019 – 2022	House officer Council – Member, University of Michigan
2020 – 2022	Advocate for Resident Wellness and Education, University of Michigan

BIBLIOGRAPHY

Peer-Reviewed Journals and Publications

1. Ismail A, **Shadid HR**, Hayek SS. The Reply. Am J Med. 2025 May;138(5):e94
2. Ismail A, **Shadid HR**, Huang Y et al. Statin Therapy, Inflammation, and Outcomes in Patients Hospitalized for Covid-19: A Prospective Multicenter Cohort Study. Am J Med. 2024 Aug 20
3. Chalkias A, Huang Y, Ismail A... **Shadid H** et al. Intubation Decision Based on Illness Severity and Mortality in COVID-19: An International Study. Crit Care Med. Published online February 23, 2024.
4. Vasbinder A, Catalan T, Anderson E... **Shadid H** et al. Cardiovascular Risk Stratification of Patients Undergoing Hematopoietic Stem Cell Transplantation: The CARE-BMT Risk Score. J Am Heart Assoc. 2024;13(1):e033599
5. Vasbinder A, Padalia K, Pizzo I... **Shadid HR** et al.; ISIC investigators. SuPAR, biomarkers of inflammation, and severe outcomes in patients hospitalized for COVID-19: The International Study of Inflammation in COVID-19. J Med Virol. 2024 Jan;96(1):e29389
6. Vasbinder A, Hoeger C, Catalan T... **Shadid H** et al. Cardiovascular Events After Hematopoietic Stem Cell Transplant: Incidence and Risk Factors. JACC CardioOncol. 2023 Sep 19
7. Green A, Rachoin JS, Schorr C... **Shadid H** et al. Investigators. Timing of invasive mechanical ventilation and death in critically ill adults with COVID-19: A multicenter cohort study. PLoS one. 2023 Jun 28;18(6):e0285748
8. Vasbinder A, Chen Y, Procureur A... **Shadid H** et al. Biomarker Trends, Incidence, and Outcomes of Immune Checkpoint Inhibitor-Induced Myocarditis. JACC CardioOncol. 2022 Dec 20;4(5):689-700
9. Vasbinder A, Meloche C, Azam TU... **Shadid H** et al. Relationship Between Preexisting Cardiovascular Disease and Death and Cardiovascular Outcomes in Critically Ill Patients with COVID-19. Circ Cardiovasc Qual Outcomes. 2022 Oct;15(10):e008942

10. Luo S, Vasbinder A, Du-Fay-de-Lavallaz JM... **Shadid H** et al. Soluble Urokinase Plasminogen Activator Receptor and Venous Thromboembolism in COVID-19. *J Am Heart Assoc.* 2022 Sep 20;11(18):e025198.
11. Sunderraj A, Cho C, Cai X... **Shadid H** et al.. Modulation of the Association Between Age and Death by Risk Factor Burden in Critically Ill Patients with COVID-19. *Crit Care Explor.* 2022 Aug 29;4(9):e0755
12. Ricardo AC, Chen J, Toth-Manikowski SM... **Shadid H** et al.. Hispanic ethnicity and mortality among critically ill patients with COVID-19. *PLoS one.* 2022 May 18;17(5):e0268022.
13. Keene AB, Admon AJ, Brenner SK... **Shadid H** et al. Association of Surge Conditions with Mortality Among Critically Ill Patients with COVID-19. *J Intensive Care Med.* 2022 Apr;37(4):500-509
14. Vasbinder A, Anderson E, **Shadid H** et al. Inflammation, Hyperglycemia, and Adverse Outcomes in Individuals with Diabetes Mellitus Hospitalized for COVID-19. *Diabetes Care.* 2022 Mar 1;45(3):692-700
15. Hsu CM, Gupta S, Tighiouart H... **Shadid H** et al. Kidney Recovery and Death in Critically Ill Patients with COVID-19-Associated Acute Kidney Injury Treated with Dialysis: The STOP-COVID Cohort Study. *Am J Kidney Dis.* 2022 Mar;79(3):404-416.e1
16. Azam TU, Berlin H, Anderson E... **Shadid H** et al. Differences in Inflammation, Treatment, and Outcomes Between Black and Non-Black Patients Hospitalized for COVID-19: A Prospective Cohort Study. *Am J Med.* 2022 Mar;135(3):360-368.
17. Pan M, Vasbinder A, Anderson E... **Shadid H** et al. Angiotensin-Converting Enzyme Inhibitors, Angiotensin II Receptor Blockers, and Outcomes in Patients Hospitalized for COVID-19. *J Am Heart Assoc.* 2021 Dec 21;10(24):e023535
18. Friedman AN, Guirguis J, Kapoor R... **Shadid H** et al. Obesity, inflammatory and thrombotic markers, and major clinical outcomes in critically ill patients with COVID-19 in the US. *Obesity (Silver Spring).* 2021 Oct;29(10):1719-1730
19. Jezmir JL, Bharadwaj M, Chaitoff A... **Shadid H** et al. Performance of crisis standards of care guidelines in a cohort of critically ill COVID-19 patients in the United States. *Cell Rep Med.* 2021 Sep 21;2(9):100376.
20. Vasquez CR, Gupta S, Miano TA... **Shadid H** et al. Identification of Distinct Clinical Subphenotypes in Critically Ill Patients with COVID-19. *Chest.* 2021 Sep;160(3):929-943
21. Churpek MM, Gupta S, Spicer AB... **Shadid H** et al. Machine Learning Prediction of Death in Critically Ill Patients with Coronavirus Disease 2019. *Crit Care Explor.* 2021 Aug 19;3(8):e0515

22. Churpek MM, Gupta S, Spicer AB... **Shadid H** et al. Hospital-Level Variation in Death for Critically Ill Patients with COVID-19. *Am J Respir Crit Care Med*. 2021 Aug 15;204(403-411):403–11
23. Mathews KS, Soh H, Shaefi S... **Shadid H** et al. Prone Positioning and Survival in Mechanically Ventilated Patients with Coronavirus Disease 2019-Related Respiratory Failure. *Crit Care Med*. 2021 Jul 1;49(7):1026-1037.
24. Short SAP, Gupta S, Brenner SK... **Shadid H** et al. d-dimer and Death in Critically Ill Patients with Coronavirus Disease 2019. *Crit Care Med*. 2021 May 1;49(5):e500-e511
25. Al-Samkari H, Gupta S, Leaf RK... **Shadid H** et al. Thrombosis, Bleeding, and the Observational Effect of Early Therapeutic Anticoagulation on Survival in Critically Ill Patients with COVID-19. *Ann Intern Med*. 2021 May;174(5):622-632.
26. Shaefi S, Brenner SK, Gupta S... **Shadid H** et al. Extracorporeal membrane oxygenation in patients with severe respiratory failure from COVID-19. *Intensive Care Med*. 2021 Feb;47(2):208-221
27. Flythe JE, Assimon MM, Tugman MJ... **Shadid H** et al. Characteristics and Outcomes of Individuals with Pre-existing Kidney Disease and COVID-19 Admitted to Intensive Care Units in the United States. *Am J Kidney Dis*. 2021 Feb;77(2):190-203.e1
28. Gupta S, Wang W, Hayek SS... **Shadid H** et al. Association Between Early Treatment with Tocilizumab and Mortality Among Critically Ill Patients with COVID-19. *JAMA Intern Med*. 2021 Jan 1;181(1):41-51.
29. Gupta S, Coca SG, Chan L... **Shadid H** et al. AKI Treated with Renal Replacement Therapy in Critically Ill Patients with COVID-19. *J Am Soc Nephrol*. 2021 Jan;32(1):161-176
30. Azam TU, **Shadid HR**, Blakely P... **Shadid H** et al. Soluble Urokinase Receptor (SuPAR) in COVID-19-Related AKI. *J Am Soc Nephrol*. 2020 Nov;31(11):2725-2735
31. Molnar MZ, Bhalla A, Azhar A... **Shadid H** et al. Outcomes of critically ill solid organ transplant patients with COVID-19 in the United States. *Am J Transplant*. 2020 Nov;20(11):3061-3071
32. Gupta S, Hayek SS, Wang W... **Shadid H** et al. Factors Associated with Death in Critically Ill Patients with Coronavirus Disease 2019 in the US. *JAMA Intern Med*. 2020 Nov 1;180(11):1436-1447
33. Hayek SS, Brenner SK, Azam TU... **Shadid H** et al. In-hospital cardiac arrest in critically ill patients with covid-19: multicenter cohort study. *BMJ*. 2020 Sep 30;371:m3513
34. Rooney DM, **Shadid HR**, Siegel LI et al. Postoperative Complications of Ab Interno Gelatin Microstent. *J Glaucoma*. 2019 May;28(5):e77-e81.

35. **Shadid H**, Keckeisen M, Zarrinpar A. Safety and Efficacy of Electromagnetic-Guided Bedside Placement of Nasoenteral Feeding Tubes versus Standard Placement. *Am Surg.* 2017 Oct 1;83(10):1184-1187

Abstracts and Presentations

1. **Shadid HR**, McCormack M, Ashraf H et al. The Clashing Conundrum of Concomitant HOCM and PAH. Denver, CO. July, 2024
2. Singh S, **Shadid H**, Bajwa M et al. Car Crash to Cath Lab: The Unexpected ST Elevations. Society of Cardiovascular Angiography and Interventions SCAI 2024. Long Beach, CA. May 2024
3. **Shadid H**, Dhoble A. When Cavitation Strikes: STEMI and the Catheterization Conundrum. American College of Cardiology ACC.24. Atlanta, GA. April, 2024
4. Monlezun D, Ali A, Park J... **Shadid H** et al. Percutaneous Coronary Intervention Disparities Despite Mortality Reductions in Thrombocytopenia and Cancer: Artificial Intelligence and Propensity Score Analysis of 148.76 Million Hospitalizations from 2016-2020. American College of Cardiology ACC.24. Atlanta, GA. April, 2024
5. **Shadid H**, McCormack M, Jumean M. The Conflicting Conundrum: Challenging the Clash of HOCM and PAH in Patient Care. Sixth Annual Houston Shock Symposium. Houston, TX. March, 2024
6. Ashraf H, Chan K, Bruce M... **Shadid H** et al. Successful Percutaneous Closure Of Apical Ventricular Septal Defect After Delayed Presentation Of Myocardial Infarction. Cardiovascular Research Technologies CRT.24. Washington, DC. March, 2024
7. Ashraf H, **Shadid H**, Arain S. Superficial Femoral Artery Occlusion After Angio-Seal Treated With Alternate Access: Retrograde Crossing. Cardiovascular Research Technologies CRT.24. Washington, DC. March, 2024
8. **Shadid H**, Honan K, Ashraf H et al. Balloon Blessing: Palliating Polyarteritis Nodosa's Abdominal Pain with Paclitaxel. Cardiovascular Research Technologies CRT.24. Washington, DC. March, 2024
9. **Shadid H**, Bourdillon M, Ashraf H et al. The Vexes of Factor V: Restoring Venous Vitality in the Return of Atypical May Thurner Syndrome. Cardiovascular Research Technologies CRT.24. Washington, DC. March, 2024
10. Leslie Y, Dominique M, Abdelrahman A... **Shadid H** et al. Abstract 19132: Covid-19 Incidence, Mortality, and Disparities for Cancer, Cardio-oncology, and The General Population: Machine Learning National Analysis of 27 Million Hospitalizations in 2020. *Circulation.* 2023; 148:A19132

11. **Shadid H**, Jumean M. Emergent M-TEER in Rescuing Cardiogenic Shock from Acute Degenerative Primary MR. Society of Cardiovascular Angiography and Interventions SCAI SHOCK. Dallas, TX. October, 2023
12. **Shadid H**, Jumean M. Moderate Ischemic Mitral Regurgitation at the Time of Coronary Artery bypass Surgery. Fifth Annual Houston Shock Symposium. Houston, TX. April, 2023
13. Vasbinder A, Chen Y, Gradone A... **Shadid H** et al. Abstract 12324: Biomarker Trends in Patients with Immune-Checkpoint Inhibitor Myocarditis. Circulation. 2022;146(Suppl_1):A12324
14. Vasbinder A, Anderson E, Catalan T... **Shadid H** et al. Abstract 13185: Incidence and Risk Factors of Acute Cardiovascular Complications After Hematopoietic Stem Cell Transplantation. Circulation. 2022;146(Suppl_1):A13185
15. Meloche C, Aza TU, Anderson E... **Shadid H** et al. Cardiovascular Disease and Outcomes In Critically Ill Patients with Covid-19: A STOP-COVID Ancillary. Journal of the American College of Cardiology. 2021;77(18_Supplement_1), 3127
16. Meloche C, Azam T, Anderson E... **Shadid H** et al. Biomarkers of Inflammation and Outcomes of Patients Hospitalized For COVID-19: The International Study of Inflammation In COVID-19. Journal of the American College of Cardiology, 2021;77(18_Supplement_1), 3030.
17. Padalia K, O'Hayer P, Anderson E... **Shadid H** et al. Obesity, Inflammation, and Outcomes In COVID-19. Journal of the American College of Cardiology, 2021;77(18_Supplement_1), 3032.
18. **Shadid H**, Pan M, Anderson E et al. Statin Use May Be Associated with Decreased Severity of COVID-19. Journal of the American College of Cardiology, 2021;17(18_Supplement_1), 3185.
19. **Shadid H**, Pan M, Anderson E et al. The Role of ABO Blood Group Typing In Risk Stratifying Patients with The Novel Coronavirus 2019-nCoV. Journal of the American College of Cardiology, 2021;17(18_Supplement_1), 3152.
20. Anderson ER, Azam T, **Shadid H** et al. Abstract 17113: Secondary Infections are Common in Patients Hospitalized for COVID-19 and are Associated with Severe Outcomes. Circulation. 2020;142(Suppl_3):A17113-A17113.
21. Azam T, Berlin H, **Shadid H** et al. Abstract 17491: Racial Disparities in Treatment and Outcomes of Patients Hospitalized with COVID-19 Respiratory Failure. Circulation. 2020;142(Suppl_3):A17491-A17491.
22. Feroze RA, Azam T, **Shadid H** et al. Abstract 17228: Gender Differences in Treatment and Outcomes of Patients with COVID-19 Respiratory Failure. Circulation. 2020;142(Suppl_3):A17228-A17228.
23. Pan M, Azam T, **Shadid H** et al. Abstract 17289: NSAID Use and Clinical Outcomes in COVID-19. Circulation. 2020;142(Suppl_3):A17289-A17289

24. Pan M, Azam T, **Shadid H** et al. Abstract 17320: Use of Angiotensin Converting Enzyme Inhibitors and Angiotensin Receptor Blockers and Clinical Outcomes in COVID-19. *Circulation*. 2020;142(Suppl_3):A17320-A17320.
25. Perry D, Azam TU, **Shadid H** et al. Abstract 15938: B-type Natriuretic Peptide Levels Do Not Predict the Need for Mechanical Ventilation in Hospitalized Patients with COVID-19. *Circulation*. 2020;142(Suppl_3):A15938-A15938.
26. Singh G, Rodd C, **Shadid H** et al. Adverse Cardiopulmonary Events in Patients with End Stage Renal Disease on Hemodialysis Receiving Opioids. 83rd Annual Research Day, Providence Hospital, Southfield MI. May 2018
27. **Shadid H**, Keckeisen M, and Zarrinpar A. Safety and Efficacy of Electromagnetic-Guided Bedside Placement of Nasoenteral Feeding Tubes versus Standard Placement. The American Surgical Congress 12th Annual Meeting. Las Vegas, NV. Feb, 2017
28. **Shadid H**, Keckeisen M, and Zarrinpar A. Safety and Efficacy of Electromagnetic-Guided Bedside Placement of Nasoenteral Feeding Tubes versus Standard Placement. Southern California Chapter | American College of Surgeons 2017 Annual Scientific Meeting. Santa Barbara, CA. Jan, 2017
29. Russell R, **Shadid HR**, Thomas AP et al. Resistance Training Improves Glycemic Control Independent of Dietary Glycemic Variation. *Diabetes Supplement*. ADA Annual meeting, San Francisco, CA. June 2014.
30. Wu P, Thomas A, Chronley M... **Shadid H** et al.: Effects of Low-Glycemic Load Diet and Resistance Training on Postprandial Glycemic Variability. Medicine and Science in Sports and Exercise. May 2014; 46(5) Supplement: 545-50.