

## Curriculum Vitae

June 2021

Kevin Sharad Shah, M.D.

Cardiologist, Advanced Heart Failure & Transplant

University of Utah Health Sciences

30 North 1900 East, Rm 4A100

Salt Lake City, UT 84132

[Kevin.Shah@hsc.utah.edu](mailto:Kevin.Shah@hsc.utah.edu)

### **EMPLOYMENT**

<u>Years</u>	<u>Institution</u>	<u>Title</u>
2019-Present	University of Utah Health	Assistant Professor of Medicine
2020-Present	Veterans Affairs Salt Lake City	Staff Heart Failure Cardiologist

### **EDUCATION**

<u>Years</u>	<u>Degree</u>	<u>Institution (Area of Study)</u>
2018-2019	Advanced Fellow	Cedars Sinai Heart Institute
2015-2018	Fellow	University of California, Los Angeles
2012-2015	Resident	University of California, San Diego
2008-2012	M.D.	University of California, Irvine
2003-2007	B.S.	University of California, San Diego (Human Biology)

### **BOARD CERTIFICATION**

2020-Present	American Board of Internal Medicine: Heart Failure & Transplant Cardiology
2018-Present	American Board of Internal Medicine: Cardiovascular Disease
2017-Present	Level 2 Clinical Competence in Computed Tomography, ACCF/AHA
2017-Present	Diplomat in Adult Echocardiography
2015-Present	American Board of Internal Medicine: Internal Medicine

## **PRESENT LICENSES**

2021-Present	State License: NM – Physician MD: MD2021-0500
2019-Present	State License: WY – Physician MD: TL5931
2019-Present	State License: UT – Physician MD: 11330788-1205
2013-Present	State License: CA – Physician MD: A128087

## **PROFESSIONAL EXPERIENCE**

### **Full-Time Position**

2019-Present	Assistant Professor, University of Utah Health Sciences
2020-Present	Staff Physician, Veterans Affairs Hospital Salt Lake City

### **Editorial and Reviewer Experience**

2021-Present	Heart Failure Clinics, Elsevier – Editorial Board
2021-Present	Journal of Cardiac Failure – Invited Guest Editor
2020-Present	JACC: Case Reports Social Media Editor
2019-Present	JACC: Case Reports Editorial Consultant
2018-2019	American College of Cardiology Fellow In Training Heart Failure Section Editor

### **Honors and Awards**

2020	University of Utah Vice President's Clinical and Translational (VPCAT) Research Scholars Program
2018	William W. Parmley Young Author Achievement Award, Journal of the American College of Cardiology
2016	Young Investigator Research Seed Grant: Project under Dr. Gregg Fonarow, American Heart Association
2016	Fellow's Teaching Award-Nominee: Chosen by the Housestaff, University of California, Los Angeles, Los Angeles, CA
2015	House Officer of the Year: Chosen from a pool of all residents (500+), University of California San Diego, San Diego, CA
2014	Kaiser Excellence in Teaching Award (House Staff): Chosen from a pool of all residents (500+), University of California, San Diego, San Diego, CA

2011	Gold Humanism Honor Society member: based on peer nomination, University
2010	Medical Student Scholarship Recipient, Indian Medical Association of Southern California of California Irvine, Irvine, CA
2008	Medical Student Scholarship Recipient, American Association of Physicians of Indian Origin

### **ADMINISTRATIVE EXPERIENCE**

2021-Present	Director, Cardiovascular Intensive Care Unit, University of Utah
2020-2021	Heart Review Board. Local board member of UNOS Heart Transplant Review Board for Region 5
2019-2021	Cardiovascular Research Oversight Committee, University of Utah

### **Professional Organizations & Scientific Committee Activity**

2021-Present	Heart Failure Society of America (HFSA) Beat Podcast Host: Monthly Discussions on Topics of Heart Failure: Over 1,000 downloads per episode
2020-2023	AHA Manuscript Task Force (MTF) Commission
2020-2022	HFSA Publications and Scientific Statements Committee.
2020-Present	JACC Case Reports Social Media Co-Editor
2020-Present	ACC Early Career Social Media Team Member
2020-2023	Co-Chair, Task Force on Race & Ethnicity in Clinical Trials – ACC/AHA
2020-Present	Associate Editorial Team Lead, ACC.org Heart Failure and Cardiomyopathies Clinical Topic Collections
2019-Present	Academic Section Communication Work Group Member, American College of Cardiology
2018-2020	Task Force on Clinical Data Standards: Committee Member, American Heart Association/American College of Cardiology
2018-2019	Thoracic and Critical Care Community of Practice Executive Committee (Trainee Member), American Society of Transplantation
2016-2017	Atherosclerotic Heart Disease in South Asians in the U.S. Writing Group Member, American Heart Association

### **Symposium/Meeting Chair/Coordinator/Panel Discussant**

2020	Twitter 101 for the Medical Educator. Academy for Health Science Educators Symposium 2020. University of Utah, Salt Lake City. Discussant.
2020	Cardiorenal, End Organs, Systemic Milieu and Myocardial Recovery. Utah Cardiac Recovery Symposium (UCARS). Chair.
2020	New Cardiovascular Horizons Evolving Paradigms in Cardiovascular Care and Peripheral Vascular Disease: Heart Failure Track Director
2019	Case Studies: Applying Personalized Medicine in the Real World of Thoracic Transplantation. American Society of Transplantation's Cutting Edge of Transplantation Meeting (CEoT), Symposium Coordinator and Moderator
2016	Diagnostic and Therapeutic Modalities in Heart Failure: Advances in Managing End State Heart Failure. Kohala Coast, Hawaii, Panel Discussant

### **UNIVERSITY COMMUNITY ACTIVITIES**

2021-Present	Task Force Member, University of Utah Medical Group, Acute COVID Clinic Structure Task Force Member
2020	University of Utah Undergraduate Research Opportunities Program Summer Mentor

### **FUNDING**

#### Active Grants

9/2020-Present	University of Utah Immunology, Inflammation, and Infectious Disease Special Emphasis: Emerging COVID-19/SARS-CoV-2 Research Seed Grant (\$25,000): "The Role of Inflammation and Myocardial Injury Leading To Cardiac Deterioration in Patients with COVID-19"
----------------	--

#### Past Grants

2016	AHA Young Investigator Research Seed Grant (\$8,000): "Five Year Outcomes in Patients with Heart Failure with Preserved, Borderline, and Reduced Ejection in The Medicare Population"
------	---

### **CLINICAL TRIALS AND STUDIES**

2021-Present	Utah Post COVID-19 ("Long COVID") Registry Co-Investigator
2021-Present	Critical Care Cardiology Trials Network (CCCTN) Registry Local Principal Investigator
2020-Present	RELIEVE-HF TRIAL: REducing Lung congestIon Symptoms Using the v-wave Shunt in adVancEd Heart Failure: Local Principal Investigator

- 2020 The Role of Myocardial Injury & Inflammation in COVID-19 Patients: A Biomarker Study to Predict CV events in patients with COVID-19: Principal Investigator
- 2020 The Role of Myocardial Injury & Inflammation in COVID-19 Infected Patients: A Post-mortem cardiac autopsy study of patients with COVID-19: Co-Principal Investigator

### **INTERVIEWS / SOCIAL MEDIA / BLOG POSTS / EDITORIALS**

- 2020 MEDPAGEToday: Victims of Success in Heart Failure — How do we leverage advances? <https://www.medpagetoday.com/cardiology/chf/90356>
- 2020 What Doctors Know So Far About The Long-term Effects Of COVID-19. <https://www.kuer.org/health-science-environment/2020-09-29/what-doctors-know-so-far-about-the-long-term-effects-of-covid-19>
- 2020 UofU Researchers Studying Long-Term Effects Of COVID-19 On Heart. <https://ksltv.com/446191/uofu-researchers-studying-long-term-affect-of-covid-19-on-heart/>
- 2020 The Role of Vericiguat in the Expanding Realm of Heart Failure Pharmacotherapy: An Overview of the VICTORIA Trial (ACC.org). <https://www.acc.org/latest-in-cardiology/articles/2020/07/08/08/49/the-role-of-vericiguat-in-the-expanding-realm-of-hf-pharmacotherapy>
- 2019 Podcast Interviewee, I Am SLC Podcast, <https://iamsaltlake.com/episode/episode-412-kevin-shah-md-is-a-cardiologist-at-university-of-utah/>
- 2019 The Heart-Kidney, Kidney-Heart Connection and Our Improving Understanding of a Complex and Intimate Relationship. Circulation, 11 Mar. 2019, [professional.heart.org/professional/ScienceNews/UCM\\_503722\\_The-Heart-Kidney-Kidney-Heart-Connection-and-Our-Improving-Understanding-of-a-C.jsp](https://professional.heart.org/professional/ScienceNews/UCM_503722_The-Heart-Kidney-Kidney-Heart-Connection-and-Our-Improving-Understanding-of-a-C.jsp).
- 2019 Heart Failure Fellowship and The Job Search. American College of Cardiology FIT blog. <https://www.acc.org/membership/sections-and-councils/fellows-in-training-section/section-updates/2019/05/14/06/31/hf-fellowship-and-the-job-search>
- 2019 Navigating Evidence, Experience and Expert Opinion: Training in Advanced HF and Transplant Cardiology. American College of Cardiology FIT article. <https://www.acc.org/membership/sections-and-councils/fellows-in-training-section/section-updates/2019/01/15/10/38/navigating-evidence-experience-and-expert-opinion>
- 2019 The Profound Impact of Health Literacy on Cardiovascular Health. FIT Insights. <https://www.professional.heart.org/professional/MembershipCouncils/BlogsSoci>

- alMedia/UCM\_503093\_FIT-Insights-The-Profound-Impact-of-Health-Literacy-on-Cardiovascular-Health.jsp
- 2018 Training in Heart Failure: Striking Balance Between Technology and Humanism. American College of Cardiology FIT Blog.  
<https://www.acc.org/membership/sections-and-councils/fellows-in-training-section/section-updates/2018/10/04/10/27/training-in-heart-failure>
- 2018 Challenges and Opportunities For Fellowships With Multiple Training Sites. American College of Cardiology Cardiovascular Training Blog.  
<https://www.acc.org/membership/sections-and-councils/cardiology-training-and-workforce-committee/section-updates/2018/07/31/10/42/challenges-and-opportunities-for-fellowships-with-multiple-training-sites>
- 2018 Interviewee, Player FM, Circulation Fellow in Training Podcast Interview on REDUCE-LAP 1 HF trial: <https://player.fm/series/circulation-on-the-run/circulation-fellows-in-training-january-2018>
- 2018 Interviewee, American College of Cardiology, Two William W. Parmley Young Author Achievement Awardees Selected Kevin S. Shah and Jason M. Tarkin to be honored by American College of Cardiology. <https://www.acc.org/about-acc/press-releases/2018/03/06/09/21/two-william-w-parmley-young-author-achievement-awardees-selected>
- 2018 Interviewee, TCTMD, Keeping Up With Cardiology: Old-School Learning Versus the Twittersphere. <https://www.tctmd.com/news/keeping-cardiology-old-school-learning-versus-twittersphere>
- 2017 Interviewee, MedicalResearch.com, Regardless of Ejection Fraction, Hospitalization for Heart Failure Linked to Increased Risk of Death. <https://medicalresearch.com/heart-disease/regardless-of-ejection-fraction-hospitalization-for-heart-failure-linked-to-increased-risk-of-death/38159/>
- 2016 Interviewee, CardioBrief, Time for Cardiologists to Start Prescribing Diabetes Drugs. <http://www.cardiobrief.org/2016/06/22/time-for-cardiologists-to-start-prescribing-diabetes-drugs/>

## **CURRENT MEMBERSHIPS IN PROFESSIONAL SOCIETIES**

American College of Cardiology

American Heart Association

Heart Failure Society of America

## **INVITED LECTURES / TEACHING RESPONSIBILITIES**

### **Course Lectures**

2018 Instructor, Ultra-Fast Echocardiography, University of California, Los Angeles,

2017 Instructor, Project Based Learning, University of California, Los Angeles, 10 weeks

### **Teaching Experience**

2021 COVID-19 & The Cardiovascular System: The Intersection of Research & Patient Care – March 3 2021. Visiting Lecture, Idaho College of Osteopathic Medicine Research Seminar. Meridian, ID.

2021 COVID-19 and Imaging for Myocardial Sequelae – Fellows Lecture. Virtual. January 13, 2021. University of Utah, Salt Lake City, UT.

2021 Race and Health Inequities in Cardiovascular Disease – Housestaff Lecture. Virtual. January 12, 2021. University of Utah. Salt Lake City, UT.

2020 A Practical Approach to Cardiorenal Syndrome – APC Grand Rounds. Virtual. University of Utah, Salt Lake City, UT.

2020 Heart Failure Updates in 2020. Noon Lecture for Internal Medicine Residents and Cardiology Fellows. VA Las Vegas Medical Center, Las Vegas, NV.

2018 Reduced Myocardial Flow Reserve by Positron Emission Tomography Predicts Cardiovascular Events After Cardiac Transplantation. Heart Transplant Journal Club. Cedars Sinai Heart Institute, Los Angeles

2018 Endomyocardial Biopsy and Rare Complications, Cardiology Cath Conference Lecture, University of California, Los Angeles

2018 Left Ventricular Thrombus, Cardiology Conference Lecture, University of California, Los Angeles

2017 Cardiovascular Disease and Periodontal Disease, University of California, Los Angeles, Medical and Dental Students

2017 An Atypical Case of a Common Cardiomyopathy, Cardiology Fellows Conference Lecture, University of California, Los Angeles

2016 Cardiology Board Review, Internal Medicine Conference, University of California, Los Angeles

2016 Coronary Embolism, Cardiology Cath Conference Lecture, University of California, Los Angeles

2016 MitraClip in End-Stage Heart Failure, Cardiology Cath Conference Lecture, University of California, Los Angeles

### **Clinical Teaching**

2020-Present Attending, Veterans Affairs Hospital Salt Lake City, 8 weeks per year, 1 fellow, 3-5 residents

2019-Present                      Attending, Cardiovascular Intensive Care Unit University of Utah, 8 weeks per year, 2 fellows, 3-5 residents

**Small Group Teaching**

2021                                  University of Utah MS4 Advanced IM Simulation Session – Management of Arrhythmias

**Trainee Supervision**

Fellows

2020-2021                      Research Mentor, Parhum Namdaran, University of Utah – Supervised on Acute COVID-19 Project – led to two abstracts, one manuscript, and two oral presentations.

*Current Career Activities:* Interventional Cardiology Fellow at Scripps Heart Institute, La Jolla, CA

Masters Public Health

2021                                  Research Mentor – Shilpa Chennamsetty, University of Utah, Supervised on research outreach survey for South Asians in Utah regarding impact of COVID-19 pandemic and burden of heart disease

*Current Career Activities:* MPH, University of Utah

2021                                  Research Mentor, Hafsa Zahid, University of Utah, Research Mentor on Project Debunking Heart Health Myths within the South Asian Community

*Current Career Activities:* MPH, University of Utah

**Oral / Invited Lectures**

2021                                  Optimized GDMT In 2021: ARNIs, SGLT2i, and sGC Stimulators. Heart Rhythm Society Annual Meeting (Virtual). June 2021.

2021                                  COVID-19 in 2021: Short and Long-Term Impact on CV System and CV Care. New Cardiovascular Horizons Evolving Paradigms in Cardiovascular Care and Peripheral Vascular Disease. Salt Lake City. February 2021.

2021                                  Hypertension in South Asians: Recognizing and Managing High Blood Pressure. American Heart Association: A Conversation from the Heart Series – March 2, 2021.

2021                                  A Case of Amyloid Cardiomyopathy Presenting as HFpEF – ACC India Virtual. January 31, 2021. University of Utah, Salt Lake City, UT.

2020                                  Cardiorenal Syndrome: Current Evidence and Future Steps. University Medical Center Southern Nevada Grand Rounds. Las Vegas, NV.

2020                                  Heart-Kidney Marriage Therapy: Updates in Cardiorenal Syndrome. 2020. Virtual Symposium. October 2020. University of Utah, Salt Lake City.

2020                                  Twitter 101 for the Medical Educator. Raaum S, Imlay H, Shah K, Steinberg B, Tam R. Academy for Health Science Educators Symposium 2020. University of Utah, Salt Lake City.



- 2020 Cardiovascular Grand Rounds University of Utah: “COVID 19 Iceberg and Inflammatory Heart disease: Emerging Science during a pandemic” (with Dr Elizabeth Hammond)
- 2020 Update on Medical Therapies in Heart Failure. New Cardiovascular Horizons Evolving Paradigms in Cardiovascular Care and Peripheral Vascular Disease. Salt Lake City. February 2020.
- 2019 Heart Transplant Patients with Histologic Normal and Molecular Microscope Abnormal Biopsies: An Exploratory Analysis. International Society of Heart and Lung Transplant (ISHLT). Orlando. April 2019.
- 2019 South Asian Patient at Elevated Cardiovascular Risk: How Does Ethnicity Impact Cardiometabolic Risk? American College of Cardiology Scientific Sessions. New Orleans. March 2019.
- 2019 Treatment of the Sensitized Heart Patient Pre-Transplant: What's the Right Thing?” Cutting Edge of Transplantation (CEoT). Phoenix, AZ. February 2019.
- 2017 Not the Model Minority (of Health): Cardiovascular Disease and South Asians, Association of Los Angeles Physician of Indian Origin (ALAPIO) Conference. Los Angeles. June 2017.
- 2017 Cardiovascular Disease and Periodontal Disease. Medical and Dental Students at the University of California, Los Angeles. March 2017.
- 2016 Cardiovascular System: International Conference on The Role of Evolution in Medicine-New Insights in Understanding and Treating Human Diseases. Delmenhorst, Germany. September 2016.
- 2014 Serial Sampling of Copeptin levels improves diagnosis and risk stratification in patients presenting with chest pain. UCSD Internal Medicine Grand Rounds: University of California San Diego. San Diego, CA. July 2014.
- 2009 Mid-region pro-atrial natriuretic peptide and the diagnosis of heart failure in the setting of atrial fibrillation: an exploratory analysis of the biomarkers in acute heart failure (BACH) trial. European Society of Cardiology (ESC) Congress 2009: Barcelona, Spain. August 2009.

## **OTHER SCHOLARY ACTIVITIES**

### **Additional Research / Contributions**

- 2018 Attendee: Consensus Conference on Critical Care in Thoracic Transplantation, American Society of Transplantation, Seattle, WA
- 2017 Attendee: Future Leaders in Heart Failure (HFSA), Miami, FL
- 2016 Attendee: US Ten Day Seminar on the Epidemiology and Prevention of Cardiovascular Disease Stroke, Lake Tahoe, CA

### **Articles in Peer-Reviewed Journals:**

1. **Shah KS**, Fang, JC. SGLT2 Inhibitors in Heart Failure. Annual Review of Pharmacology and Toxicology. (*submitted*)

2. **Shah KS**, Reyes-Miranda AE, Bradley SM, Breathett K, Das SR, Gluckman TJ, Gupta D, Leung DT, Mutharasan RK, Peterson PN, Spivak ES, Shah RU. Clinical Trial Participation and COVID-19: A Descriptive Analysis from the American Heart Association's Get With The Guidelines Registry. *Circulation: Quality and Outcomes* (*submitted*)
3. Cheng RK, Mooney DM, Chien CV, **Shah KS**, Vest A, Jeffries JL. SGLT2 Inhibitors: Who Should Prescribe Them for Patients With Heart Failure? *J Am Coll Cardiol*. 2021 Mar, 77 (10) 1375–1377.
4. Yehya A, **Shah KS**, Mitter SS, Ibrahim NE, Sperry B, Shah M, Chaudhry SP, Rajagopalan N, Hernandez-Montfort J, Mohan R, Alexander KM, Sinha S, Butler J, Kittleson MM. Challenges and the innovations in the care of advanced heart failure patients during COVID-19. *Heart Fail Rev*. 2021 Jan 12:1–4. doi: 10.1007/s10741-021-10074-0. Epub ahead of print. PMID: 33432419;
5. Beach SL, **Shah KS**, Eliashiv DS, Han JK, Yang EH. Fifty-second flat-line: A dramatic case of ictal asystole. *Heart Rhythm Case Reports*. 2020 Aug 18;6(10):794-797
6. Marashly Q, Taleb I, Kyriakopoulos CP, Dranow E, Jones TL, Tandar A, Overton SD, Tonna JE, Stoddard K, Wever-Pinzon O, Kemeyou L, Koliopoulou AG, **Shah KS**, Nourian K, Richins TJ, Burnham TS, Welt FG, McKellar SH, Nativi-Nicolau J, Drakos SG. Predicting mortality in cardiogenic shock secondary to ACS requiring short-term mechanical circulatory support: The ACS-MCS score. *Catheter Cardiovasc Interv*. 2021 Mar . doi:10.1002/ccd.29581. PMID: 33682308.
7. Diakos NA, Taleb I, **Shah KS**, Javan H, Richins TJ, Yin MY, Kyriakopoulos CP, Yen CG, Dranow E, Bonios MJ, Alharethi R, Koliopoulou AG, Taleb M, Selzman CH, Konstantinos S, Drakos SG. Circulating and myocardial cytokines predict myocardial improvement in heart failure patients undergoing mechanical circulatory support. [*Accepted, JAHA*]
8. **Shah KS**, Moslehi JJ, Fang JC. Tissue is the Issue, Even During a Pandemic [published online ahead of print, 2020 Jun 15]. *Circulation*. 2020;10.1161/CIRCULATIONAHA.120.047944.
9. **Shah KS**, Fudim M. Stress Remains In The Eye of the Beholder. *JACC Case Reports*. 2020 Feb(1):10.1016/j.jaccas.2019.11.044
10. Oliveros E, Brailovsky Y, **Shah KS**. Communication Skills: The Art of Hearing What Is Not Said. *JACC Case Reports*. 2019 Oct(1):3 446-9.
11. Benck AR, Patel S, Zern E, **Shah KS**, Benck LR, Chang D, Smith CJF, Hamilton MA. Takayasu's Arteritis Presenting as Heart Failure in a 19-Year-Old Female. *JACC Case Reports*. 2019 Oct(1):3 355-9.
12. Miller RJH, Kwiecinski J, **Shah KS**, Eisenberg E, Patel J, Kobashigawa JA, Azarbal B, Tamarappoo B, Berman DS, Slomka PJ, Kransdorf E, Dey D. Coronary computed tomography-angiography quantitative plaque analysis improves detection of early cardiac allograft vasculopathy: A pilot study. *Am J Transplant*. 2019 Nov 22. doi: 10.1111/ajt.15721.
13. Wolfson AM, **Shah KS**, Patel JK. Amyloid and the Heart. *Curr Cardiol Rep*. 2019 Dec 3;21(12):164.
14. **Shah KS**, Fang JC. Treating the Cardiorenal Syndrome: A Sledgehammer for a Needle's Work? *J Card Fail*. 2019 Nov;25(11):935-936.
15. **Shah KS**, Fang JC. Is Heart Failure with Preserved Ejection Fraction a Kidney Disorder? *Curr Hypertens Rep*. 2019 Oct 10;21(11):86.
16. Lentine KL, **Shah KS**, Kobashigawa JA, Xiao H, Zhang Z, Axelrod DA, Lam NN, Segev DL, McAdams-DeMarco MA, Randall H, Hess GP, Yuan H, Vest LS, Kasiske BL, Schnitzler MA. Prescription opioid use before and after heart transplant: Associations with posttransplant outcomes. *Am J Transplant*. 2019 Dec;19(12):3405-3414.
17. **Shah KS**, Kobashigawa JA. Complications After Heart Transplantation in Adults: an Update. *Curr Emerg Hosp Med Rep* 7, 27–35 (2019) doi:10.1007/s40138-019-00180-7.
18. **Shah KS**, Patel J. Desensitization in heart transplant recipients: Who, when, and how. *Clin Transplant*. 2019 Aug;33(8):e13639.

19. **Shah KS**, Kittleson MM, Kobashigawa JA. Updates on Heart Transplantation. *Curr Heart Fail Rep*. 2019 Oct;16(5):150-156.
20. **Shah KS**, Held E. Utilizing Biomarkers to Refine Risk Prediction in Atrial Fibrillation: A Step Towards Precision. *J Am Coll Cardiol*. 2019. April 2;73(12):1411-12.
21. Volgman AS, Palaniappan LS, Aggarwal NT, Gupta M, Khandelwal A, Krishnan AV, Lichtman JH, Mehta LS, Patel HN, **Shah KS**, Shah SH, Watson KE; Atherosclerotic Cardiovascular Disease in South Asians in the United States: Epidemiology, Risk Factors, and Treatments: A Scientific Statement from the American Heart Association. *Circulation*. 2018 2018 Jul 3;138(1):e1-e34
22. **Shah KS**, Maisel AS, Fonarow GC. Troponin in Heart Failure. *Heart Fail Clin*. 2018 Jan;14(1):57-64.
23. **Shah KS**, Xu H, Matsouaka RA, Bhatt DL, Heidenreich PA, Hernandez AF, Devore AD, Yancy CW, Fonarow GC. Five-Year Outcomes in Patients Hospitalized with Heart Failure with Preserved, Borderline, and Reduced Ejection Fraction. *J Am Coll Cardiol*. 2017 Oct 31. pii: S0735 1097(17)39761-9.
24. **Shah KS**, Yang EH, Maisel AS, Fonarow GC. The Role of Biomarkers in Detection of Cardio-Toxicity: Present Oncology Reports. *Curr Oncol Rep*. 2017 Jun;19(6):42.
25. Arbit B, Marston N, **Shah KS**, Lee EL, Aramin H, Clopton P, Maisel AS. Prognostic Usefulness of Proenkephalin in Stable Ambulatory Patients with Heart Failure. *Am J Cardiol*. 2016 Apr 15;117(8):1310-4.
26. Maglione JE, Iqbal N, Pung M, Aramin H, Patel M, Lee EL, Khusro F, Xue Y, Alim K, **Shah KS**, Maisel A, Mills PJ. Associations Between Transthoracic Echocardiogram Measurements and Depressive Symptoms in Male Veterans with Early Asymptomatic Heart Failure. *J Cardiol Clin Res* 2016 Mar 4;4(2): 1060.
27. Maisel AS, **Shah KS**, Barnard D, Jaski B, Frivold G, Marais J, Azer M, Miyamoto MI, Lombardo D, Kelsay D, Iqbal N, Taub PR, Kupfer K, Lee EL, Clopton P, Zile MR, Greenberg B. How B-Type Natriuretic Peptide (BNP) and Body Weight Changes Vary in Heart Failure with Preserved Ejection Fraction Compared to Reduced Ejection Fraction: Secondary Results of the HABIT (HF Assessment with Bnp In the Home) Trial. *J Card Fail*. 2015 Sep 30. pii: S1071-9164(15)01120-3.
28. **Shah KS**. Picking a Fellowship: Getting Your Priorities Straight in a Timely Fashion. *J Am Coll Cardiol*. 2015 Aug 25;66(8):972-5.
29. Marston NA, **Shah KS**, Mueller C, Neath SX, Christenson RH, McCord J, Nowak RM, Vilke GM, Daniels LB, Hollander JE, Apple F, Nagurney J, Schreiber D, DeFilippi C, Diercks D, Limkakeng A, Anand IS, Wu AH, Jaffe AS, Peacock WF. Serial Sampling of Copeptin Levels Improves Diagnosis and Risk Stratification in Patients Presenting with Chest Pain: Results from the CHOPIN Trial. 2015 *Emerg Med J*. Jun 23. pii: emermed-2015-204692.
30. **Shah KS**, Marston NA, Mueller C, Neath SX, Christenson RH, McCord J, Nowak RM, Vilke GM, Daniels LB, Hollander JE, Apple FS, Cannon CM, Nagurney J, Schreiber D, DeFilippi C, Hogan CJ, Diercks DB, Limkakeng A, Anand IS, Wu AH, Clopton P, Jaffe AS, Peacock WF. Mid-Regional Pro-adrenomedullin Predicts Mortality and Major Adverse Cardiac Events in Patients Presenting with Chest Pain: Results from the CHOPIN Trial. *Acad Emerg Med*. 2015 May;22(5):554-63.
31. **Shah KS**, Taub P, Patel M, Rehfeldt M, Struck J, Clopton P, Mehta RL, Maisel AS. Proenkephalin Predicts Acute Kidney Injury in Coronary Artery Bypass Grafting Patients. *Clin Nephrol*. 2015 Jan;83(1):29-35.
32. **Shah KS**, Maisel AS. Novel Biomarkers in Heart Failure with Preserved Ejection Fraction. *Heart Fail Clin*. 2014 Jul;9(3):303-20. Epub 2014 July.
33. DiSomma S, Marino R, Zampini G, Magrini L, Ferri E, **Shah KS**, Clopton P, Maisel AS. Predictive Value for Death and Rehospitalization of 30-day Postdischarge B-type Natriuretic

- Peptide (BNP) in Elderly Patients with Heart Failure. Sub-analysis of Italian RED Study. Clin Chem Lab Med. 2015 Feb;53(3):507-13
34. Richards M, Di Somma S, Mueller C, Nowak R, Peacock WF, Ponikowski P, Mockel M, Hogan C, Wu AH, Clopton P, Filippatos GS, Anand I, Ng L, Daniels LB, Neath SX, **Shah KS**, Christenson R, Hartmann O, Anker SD, Maisel A. Atrial Fibrillation impairs the Diagnostic Performance of Cardiac Natriuretic Peptides in Dyspneic Patients: Results from the Biomarkers in ACute Heart Failure (BACH) Study. Journal of American College of Cardiology (JACC) Heart Failure. JCHF. 2013;1(3):192-199.
  35. Taub PR, **Shah KS**, Jiang K, Clopton P, Saltzberg M, Maisel AS, Fitzgerald RL. Variability in Measurement of BNP In Routine Evaluation of Heart Failure (VAMPIRE). J Clin Exp Cardiol. 2012, S2-002.
  36. Maisel A, Xue Y, **Shah KS**, Mueller C, Nowak R, Peacock WF, Ponikowski P, Mockel M, Hogan C, Wu AH, Richards M, Clopton P, Filippatos GS, Di Somma S, Anand IS, Ng L, Daniels LB, Neath SX, Christenson R, Potocki M, McCord J, Terracciano G, Kremastinos D, Hartmann O, von Haehling S, Bergmann A, Morgenthaler NG, Anker SD. Increased 90-Day Mortality in Acute Heart Failure Patients with Elevated Copeptin: Secondary Results from the Biomarkers in Acute Heart Failure (BACH) Study. Circ Heart Fail. 2011 Sep;4(5):613-20.
  37. Di Somma S, Magrini L, Pittoni V, Marino R, Mastrantuono A, Ferri E, Ballarino P, Semplicini A, Bertazzoni G, Carpinteri G, Mulè P, Pazzaglia M, **Shah KS**, Maisel A, Clopton P. In Hospital Percentage BNP Reduction is Highly Predictive for Adverse Events in Patients Admitted for Acute Heart Failure: The Italian RED Study. Crit Care. 2010;14(3):R116.
  38. Maisel AS, Peacock WF, **Shah KS**, Clopton P, Diercks D, Hiestand B, Kontos MC, Mueller C, Nowak R, Collins SP. Relationship of B-Type Natriuretic Peptide Levels to S3 Detection and Strength in Emergency Department Patients with Acute Dyspnea: Secondary Results from the HEARD-IT Multinational Investigation. Am J Emerg Med. 2011 Oct;29(8):924-31.
  39. **Shah KS**, Terracciano GJ, Jiang K, Maisel AS, Fitzgerald RL. Comparability of Results Between Point-of-Care and Automated Instruments to Measure B-type Natriuretic Peptide. West J Emerg Med. 2010; 11(1):44-48.
  40. Jiang K, **Shah KS**, Daniels L & Maisel AS. Review on Natriuretic Peptides: Where We Are, Where We Are Going. Expert Opin. Med. Diagn. 2008; 2(10):1137-1153.

#### **Book Chapters:**

1. **Shah KS**, Stehlik JS. Databases and Registries in the Thoracic Transplant and MCS Field. Textbook of Transplantation and Mechanical support for End stage Heart and Lung Disease.
2. **Shah KS**, Nojoumi M, Shivkumar K, Natterson BH. Evolution of Cardiovascular Physiology and Pathophysiology. Oxford Handbook of Evolutionary Medicine. 1ed. UK: Oxford University Press. April 2019.
3. Kehl DW, **Shah KS**, Maisel A. Cardiac Biomarkers in Baliga RR (editor). Textbook of Internal Medicine: An Intensive Board Review Book with 1480 Multiple Choice Questions 1st Kindle Edition, Blendon-Miller, An imprint of MasterMedFacts LLC, March 2018
4. **Shah KS**, Iwaz J. Heart Failure: Natriuretic Peptide Use in The Hospital. Cardiac Biomarkers: Case Studies and Clinical Correlations. Springer. 2016.
5. Chaudhury R, **Shah KS**, Maisel A. Biomarkers in Acute Heart Failure. Tubaro M, eds. The ESC Textbook of Intensive and Acute Cardiovascular Care. 2 ed. ed. Oxford, UK: Oxford University Press; 2015.
6. Gluck TM, **Shah K**, Maisel AS. Caveats Using Natriuretic Peptide Levels. Cardiac Biomarkers: Case Studies and Clinical Correlations. Springer. 2016.
7. Phreaner N, **Shah K**, Maisel A. Natriuretic Peptides and Biomarkers in the Diagnosis of Heart Failure. Pathophysiology and Pharmacotherapy of Cardiovascular Disease. Springer International, p. 211-229, 2015.

8. Maisel AS, Filippatos GS, **Shah KS**, Chan J. Part III. Chapter 9: Heart Failure and Preserved Ejection Fraction: Heart Failure: The Expert's Approach. Maisel et al. Jaypee Brothers, 2013.
9. Chan J, **Shah KS**. Part II: Chapter 8. Heart Failure and ACS: Heart Failure: The Expert's Approach. Maisel et al. Jaypee Brothers, 2013.
10. Choudhury R, **Shah K**, Maisel A. Biomarkers in Acute Heart Failure in European Society of Cardiology Acute and Intensive Cardiac Care Textbook, Tuaro et al. Oxford University Press, Chapter 37, 2013.
11. **Shah K**, Rajendran P, Maisel A. Biomarkers in Acute Heart Failure in European Society of Cardiology Acute Cardiac Care Textbook, Tubaro et al. Oxford University Press, Chapter 35: 327-337, 2010.

#### Abstracts:

1. Yin M, Michaels A, Genovese L, Indaram M, **Shah K**, Singh R, Caine W, Nemeh H, Alharethi R, Tang D, Selzman C, Kanwar M, Cowger J, Shah P, Drakos SG. Comparison of Cardiac Reverse Remodeling Between Older and Newer Generation Continuous-flow LVADs. ISHLT Annual Meeting and Scientific Sessions 2021. Toronto, CA.
2. Kyriakopoulos CP, Taleb I, Koliopoulou AG, Ijaz N, Demertzis Z, Peruri A, Dranow E, Wever-Pinzon O, Yin MY, **Shah KS**, Kemeyou L, Richins TJ, Tang DG, Nemeh HW, Stehlik J, Selzman CH, Alharethi R, Caine WT, Kfoury AG, Fang JC, Cowger JA, Shah P, Drakos SG. Early Mortality Prediction In Acute Coronary Syndrome-Related Cardiogenic Shock Treated With Short-Term Mechanical Circulatory Support. ISHLT Annual Meeting and Scientific Sessions 2021. Toronto, CA.
3. Kyriakopoulos CP, Taleb I, Koliopoulou AG, Ijaz N, Demertzis Z, Peruri A, Dranow E, Wever-Pinzon O, Yin MY, **Shah KS**, Kemeyou L, Richins TJ, Tang DG, Nemeh HW, Stehlik J, Selzman CH, Alharethi R, Caine WT, Kfoury AG, Fang JC, Cowger JA, Shah P, Drakos SG. The Impact Of Diabetes Mellitus And Glycemia On Myocardial Recovery. ISHLT Annual Meeting and Scientific Sessions 2021. Toronto, CA.
4. Kyriakopoulos CP, Taleb I, Koliopoulou AG, Ijaz N, Demertzis Z, Peruri A, Dranow E, Wever-Pinzon O, Yin MY, **Shah KS**, Kemeyou L, Richins TJ, Tang DG, Nemeh HW, Stehlik J, Selzman CH, Alharethi R, Caine WT, Kfoury AG, Fang JC, Cowger JA, Shah P, Drakos SG. Predicting Right Ventricular Failure Following Left Ventricular Assist Device Support: A Derivation-Validation Multicenter Risk Score. ISHLT Annual Meeting and Scientific Sessions 2021. Toronto, CA.
5. Okoh AH, Mehra MR, Tayal R, Drakos SG, Machado S, Yin MG, Lee LY, **Shah KS**, Russo MJ, Vaduganathan M, Stehlik J. Impact Of Sex On Access To Donor Organs And Clinical Outcomes In The New 2018 Us Adult Heart Allocation System -optn/unos Analysis. ISHLT Annual Meeting and Scientific Sessions 2021. Toronto, CA.
6. Okoh AH, Mehra MR, Tayal R, Drakos SG, Machado S, Yin MG, Lee LY, **Shah KS**, Russo MJ, Vaduganathan M, Stehlik J. Race, Temporary Mechanical Circulatory Support, And Clinical Outcomes After The 2018 Us Adult Heart Allocation System Policy Change. ISHLT Annual Meeting and Scientific Sessions 2021. Toronto, CA.
7. Chaudhary C, Yaoyao Yin M, Dranow E, Drakos SG, Stehlik J, Gilbert EM, **Shah KS**, Kemeyou L, Wever-Pinzon O, McKellar SH, Selzman CH, Fang JC, Nativi-Nicolau J. Outcomes of Restrictive Cardiomyopathy Following LVAD Placement: An IMACS Analysis. Virtual Heart Failure Society of America Annual Scientific Meeting 2020.
8. Ugolini S, Mondesir FL, Maires C, Davis E, Andrews H, White C, Anderson J, Fetzer J, Waldron J, **Shah K**, Wever-Pinzon O, Nativi-Nicolau J, Kemeyou L, Gilbert EM, Drakos S, Fang JC, Stehlik J. Virtual Outpatient Heart Failure Care - Lessons From The Covid-19 Era. Virtual Heart Failure Society of America Annual Scientific Meeting 2020.
9. Meyers S, Dassouki SE, McKane SW, Meyer TE, Fang JC, Sundar KM, **Shah KS**. Changes In The Left Ventricular Ejection Fraction And Natriuretic Peptides In Heart Failure Patients With

Moderately Reduced And Preserved Ejection Fraction Treated Following Transvenous Stimulation Of The Phrenic Nerve For Central Sleep Apnea. Virtual Heart Failure Society of America Annual Scientific Meeting 2020.

10. Meyers S, Dassouki SE, McKane SW, Meyer TE, Fang JC, Sundar KM, **Shah KS**. Echocardiographic Changes In Heart Failure Patients Treated With Transvenous Stimulation Of The Phrenic Nerve For Central Sleep Apnea. Virtual Heart Failure Society of America Annual Scientific Meeting 2020.
11. Shen C, Khedraki R, Barakat A, Elashery AR, **Shah KS**, Freed B, Gibson D, Olson N, Ng FS, Perry F, Rogers J, Bhavnani S. Development and Validation of a Convolution Neural Network Algorithm For Shockable Arrhythmia Classification within a Next Generation Automated External Defibrillator. American College of Cardiology Scientific Sessions. Chicago, IL. March 2020.
12. **Shah K**, Chang DH, Patel J, Levine RJ, Dimbil S, Passano E, Kobashigawa JA. Increasing Doses of Pain Medications Pre-Heart Transplant as a Risk Factor for Outcomes after Transplant. American Transplant Congress. June 2019.
13. **Shah K**, Levine R, Dimbil S, Sana S, Halloran PF, Patel J, Chang DH, Kransdorf E, Kittleson M, Kobashigawa, JA. Prevalence of Donor Specific Antibody in Heart Transplant Recipients with Antibody-Mediated Rejection as Compared to Abnormal Intragraft mRNA Transcripts by Molecular Microscope System. American Transplant Congress. June 2019.
14. **Shah K**, Patel J, Levine R, Dimbil S, Passano E, Kobashigawa J. Increasing Use of Pain Medications as a Risk Factor for Outcomes After Heart Transplantation - OPIATES UPDATE. Cutting Edge of Transplantation Meeting (CEoT). February 2019.
15. **Shah K**, Dimbil S, Levine R, Sana S, Halloran P, Patel J, Kobashigawa J. Heart Transplant Patients with Abnormal Endomyocardial Biopsies by Histology and Normal Molecular Microscope Results: An Exploratory Analysis. Cutting Edge of Transplantation Meeting (CEoT). February 2019.
16. Chang D, Dimbil S, Levine R, Patel J, Cole R, Esmalian G, Musto N, Czer L, **Shah K**, Kobashigawa J. Do Patients with Significant Peripheral Arterial Disease Undergoing Heart Transplantation Have Acceptable Outcome Post Transplant? Cutting Edge of Transplantation Meeting (CEoT). February 2019.
17. Patel J, Dimbil S, Levine R, Kransdorf E, Czer L, Cole R, **Shah K**, Kobashigawa J. 5-Year Outcome of Photopheresis in Heart-Transplantation with Refractory/Persistent Rejection. Cutting Edge of Transplantation Meeting (CEoT). February 2019.
18. **Shah KS**, Heikali D, Bokhoor PI. Dizziness, Clots, And Heart Failure: Reasons To Stay Out Of The Lymelight. American Heart Association Scientific Sessions 2018. November 10, 2018. Chicago, IL
19. **Shah, KS**, Ziaecian B, Mody, F, Nsair, A, Fonarow GC. Perceived Barriers to Sacubitril/Valsartan Use in Patients with Heart Failure. Heart Failure Society of Annual Scientific Meeting. September 16, 2018. Nashville, TN.
20. **Shah KS**, Xu H, Matsouaka RA, Bhatt DL, Heidenreich PA, Hernandez AF, Devore AD, Yancy CW, Fonarow GC. Five-Year Outcomes in Patients Hospitalized with Heart Failure with Preserved, Borderline, and Reduced Ejection Fraction in the Medicare Population. American Heart Association Scientific Sessions. November 12, 2017. Anaheim, CA.
21. **Shah KS**, Vucicevic D, Honoris L, Baas A. A Rare Case of an Idiopathic Cardiomyopathy Complicated by Acute Pulmonary Emboli in the Setting of Antiphospholipid Syndrome with Successful Bridge to Heart Transplantation via BIVAD Implantation. International Society for Heart & Lung Transplantation (ISHLT). April 8, 2017. San Diego, CA.
22. **Shah KS**, Hsu JJ. An Atypical Presentation of a Common Cardiomyopathy. American College of Cardiology. March 19, 2017. Washington, D.C.
23. **Shah K**. Social Media Following and Cardiology Journal Impact Factor. American College of Cardiology. March 19, 2017. Washington, D.C.

24. Saito A, **Shah KS**, Joel I, Yang EH. Sinus of Valsalva Aneurysm: A Rare Cause of Complete Heart Block. *Crit Care Med*. 2016 Dec;44(12 Suppl 1):478.
25. Narezkin M, **Shah K**, Narezkina A, Sabet A, Blanchard D, DeMaria A. Predictors of Long-term Clinical Outcome in Patients with Mild Diastolic Dysfunction on Echocardiography. American College of Cardiology. April 3, 2016. Chicago, IL.
26. **Shah K**, Lee EL, Marston N, Peacock WF, Filippatos GS, Maisel AS. Copeptin As a Surrogate for Volume Status and Serial Monitoring in Heart Failure. American College of Cardiology. March 13, 2015. San Diego, CA.
27. Iwaz J, **Shah K**, Peacock WF, Filippatos GS, Maisel AS. Heart Failure Patients with Elevated Pro-Endothelin Have Improved Mortality on Statin Therapy. American College of Cardiology. March 13, 2015. San Diego, CA.
28. Marston N, **Shah KS**, Mueller C, Neath SX, Christenson R, McCord J, Hollander JE, Apple F, Cannon C, Nagurney J, Schreiber D, Hogan CA, Diercks DE, Limkakeng A, Anand IS, Jaffe A, Peacock WF, Nowak R, Daniels LB, DeFilippi C, Wu AH, Maisel AS. Does Copeptin Provide Additional Risk Stratification in Chest Pain Patients with a Mild Troponin Elevation? American Heart Association Scientific Sessions. Chicago, IL. November 19, 2014
29. **Shah KS**, Marston N, Mueller C, Neath SX, Christenson R, McCord J, Hollander J, Apple F, Cannon C, Nagurney J, Schreiber D, Hogan C, Diercks D, Limkakeng A, Anand I, Jaffe A, Peacock WF, Nowak R, Daniels LB, DeFilippi C, Wu AH, Maisel AS. Mid-regional Proadrenomedullin Predicts Long-term Mortality in Patients with Chest Pain. *J Am Coll Cardiol*. 2014;63(12\_S). Abstract at American College of Cardiology, Washington D.C., 2014.
30. **Shah K**, Barnard D, Jaski B, Frivold G, Marais HJ, Azer M, Miyamoto MI, Lombardo D, Kelsay D, Iqbal N, Taub P, Clopton P, Greenberg B, Zile M, Maisel A. How BNP and Body Weight Changes Vary in Heart Failure with Preserved Ejection Fraction Compared to Reduced Ejection Fraction: Secondary Results of the HABIT (HF Assessment with Bnp In the Home) Trial. *J Am Coll Cardiol*. 2014;63(12\_S). Abstract at American College of Cardiology, Washington D.C., 2014.
31. Marston N, **Shah K**, Mueller C, Neath SX, Christenson R, McCord J, Hollander JE, Apple F, Cannon C, Nagurney J, Schreiber D, Hogan C, Diercks D, Limkakeng A, Anand I, Jaffe A, Peacock WF, Nowak R, Daniels LB, DeFilippi C, Wu AH, Maisel A. Copeptin Provides Prognostic Value in All Patients with Acute Chest Pain. *J Am Coll Cardiol*. 2014;63(12\_S). Abstract at American College of Cardiology, Washington D.C., 2014.
32. Marston N, **Shah K**, Mueller C, Neath SX, Christenson R, McCord J, Hollander J, Apple F, Cannon C, Nagurney J, Schreiber D, Hogan C, Diercks D, Limkakeng A, Anand I, Jaffe A, Peacock WF, Nowak R, Daniels LB, DeFilippi C, Wu AH, Maisel A. Can a Second Measurement of Copeptin Improve Sensitivity to Rule-Out Acute Myocardial Infarction? *J Am Coll Cardiol*. 2014;63(12\_S). Abstract at American College of Cardiology, Washington D.C., 2014.
33. Arulanadan A, **Shah K**, Maraachili WE. TB Sepsis in an Immunocompetent Patient. 2013 American College of Physicians: Southern California Scientific Meeting, 2013, Meeting Marina Del Rey, CA.
34. Asudani D, **Shah K**, Kaye A. Coccidioides Immitis Masquerading as Pott's Disease. *Journal of Hospital Medicine* 8 Suppl 1 :802, 2013.
35. **Shah K**, Parkekh N, Clopton P, Anand I, Christenson R, Daniels LB, DiSomma S, Filippatos G, McCord J, Mueller C, Neath SX, Ng L, Nowak R, Peacock WF, Ponikowski P, Anker SD, Maisel A. Improved survival in patients with diastolic heart failure discharged on beta blocker and ACE inhibitors. *J Am Coll Cardiol*. 2013;61(10\_S). Abstract at American College of Cardiology, San Francisco 2013.
36. **Shah K**, Choudhary R, Ayyad A, Clopton P, and Maisel AS. Increased Mortality in Diabetic Patients with Elevated Copeptin Levels: Secondary Analysis of the Biomarkers in ACute Heart failure (BACH) trial. Heart Failure Society of America, Journal of Cardiac Failure, August 2012. PII: S1071-9164(12)00607-0.

37. Xue Y, **Shah K**, Maisel AS. Increased 90-Day Mortality in Patients with Elevated Copeptin: Secondary Results from the Biomarkers in ACute Heart Failure (BACH) Study. J Am Coll Cardiol. 2010;55(10s1):A17.E165-A17.E165. Abstract at American College of Cardiology, Atlanta 2010.
38. Taub PR, Fitzpatrick E, Tran K, **Shah K**, Jiang K, Clopton P, Saltzburg M, Fitzgerald RL, Maisel AS: Elevations in BNP up to Two Months before Actual Decompensation Predict Heart Failure Hospitalizations. Abstracts from the 13th Annual Scientific Meeting of the Heart Failure Society of America, Journal of Cardiac Failure, Volume 15, Issue 6, Supplement 1, August 2009, Page S36. PII: S1071-9164(09)00313-3.
39. Taub PR, Fitzpatrick E, Tran K, **Shah K**, Jiang K, Clopton P, Saltzberg M, Fitzgerald R, Maisel A: Outpatients with heart failure and low baseline BNP levels (<200 pg/mL) have the greatest magnitude of change when undergoing clinical decompensation. Journal of the American College of Cardiology. 2009; 53:A169. Presented at the 2009 American College of Cardiology Conference in Orlando, Florida.
40. Jiang K, **Shah K**, Terracciano G, Bhamre S, Chiu A, Pentova E, Baja D, Treister J, Fitzgerald RL. Comparison of a point-of-care method to measure BNP levels with a standard lab-based instrument in patients with congestive heart failure. 2008 American Association for Clinical Chemistry Annual Meeting, July 2008, Washington D.C.
41. **Shah KS**, Jiang K, Pittoni V, Magrini L, Dissoma S, and Maisel AS. Patients admitted for Acute Heart Failure Have Pronounced Drop in BNP levels When on Beta Blockers throughout Hospitalization – Italian RED Study. Abstracts from the 12th Annual Scientific Meeting of the Heart Failure Society of America, Journal of Cardiac Failure, Volume 14, Issue 6, Supplement 1, August 2008, Pages S36-S36. PII: S1071-9164(08)00303-5.
42. **Shah KS**, Jiang K, Peacock WF, Jessie R, Fonarow GC, Mills RM, and Maisel AS. Treatment Delay and Mortality Across a Spectrum of Immunoreactive BNP Levels in Acute Decompensated Heart Failure: an ADHERE Analysis. Abstracts from the 12th Annual Scientific Meeting of the Heart Failure Society of America, Journal of Cardiac Failure, Volume 14, Issue 6, Supplement 1, August 2008, Pages S88-S89. PII: S1071-9164(08)00483-1.
43. Jiang K, **Shah KS**, Treister JE, Collins SP, WF Peacock, and Maisel AS. Rapid Bedside S3 Detection in Emergency Department Patients with Acute Dyspnea: Secondary Results from the HEARD-IT Multinational Investigation. Abstracts from the 12th Annual Scientific Meeting of the Heart Failure Society of America, Journal of Cardiac Failure, Volume 14, Issue 6, Supplement 1, August 2008, Pages S68-S69. PII: S1071-9164(08)00411-9.
44. Jiang K, **Shah KS**, Terracciano GJ, Bhamre S, Pentova E, Fitzgerald RL, and Maisel AS: Comparison of a point-of-care method to measure BNP levels with a standard lab-based instrument in patients with congestive heart failure. Abstracts from the 12th Annual Scientific Meeting of the Heart Failure Society of America. Journal of Cardiac Failure, Volume 14, Issue 6, Supplement 1, August 2008, Pages S37-S38. PII: S1071-9164(08)00308-4.
45. Disomma S, Pittoni V, Magrini L, Cavazza M, Giustolisi V, Moscatelli P, Semplicini A, Pazzaglia AM, Bertazzoni G, **Shah KS**, Jiang K, and Maisel AS: Thirty Day Post Discharge BNP Levels Predict Outcomes Better Than Discharge Levels - Italian RED Study. Abstracts from the 12th Annual Scientific Meeting of the Heart Failure Society of America, Journal of Cardiac Failure, Volume 14, Issue 6, Supplement 1, August 2008, Pages S69-S70. PII: S1071-9164(08)00415-6.

Languages

Spanish (Fluent), Gujarati (Conversational)

Professional Interests

Advanced Heart Failure, Transplant Cardiology, South Asians and Cardiovascular Disease



Personal Interests

Stand-up comedy, hiking, podcasting, basketball

Social Media

Twitter: [www.twitter.com/KevinShahMD](https://www.twitter.com/KevinShahMD)

Linkedin: [www.linkedin.com/in/KevinShahMD](https://www.linkedin.com/in/KevinShahMD)

Doximity: [www.doximity.com/cv/kevin-s-shah](https://www.doximity.com/cv/kevin-s-shah)

ResearchGate: [www.researchgate.net/profile/Kevin\\_Shah5](https://www.researchgate.net/profile/Kevin_Shah5)