

Stanford



Rushil Shah, MBBS, DNB, MHS

Postdoctoral Scholar, Cardiovascular Medicine

Curriculum Vitae available Online

Bio

BIO

Rushil Shah, MBBS, DNB, MHS is actively pursuing a Post-Doctoral Fellowship in Cardiovascular Medicine at Stanford University, CA awarded by the prestigious American Heart Association AF SFRN.

Rushil Shah is currently engaged in several significant research projects at Stanford University such as Purkinje Fiber Modulation for treating Ventricular Fibrillation (VF), Magnetocardiography in patients with cardiac arrhythmias, MRI-guided Stereotactic Radio ablation for Ventricular Tachycardia, Creating an MRI-compatible Large animal isolated heart model (Langendorff's Apparatus), and pulsed field ablation (PFA) of the heart. Up until now they were also working on developing a Shared Decision-Making Tool for AF Stroke Prevention as part of the ENHANCE-AF trial under Paul J. Wang, MD.

Rushil recently completed another three-year long Post-Doctoral Research Fellowship in Cardiac Electrophysiology at Johns Hopkins Medical Institutions, Baltimore, MD, United States. Rushil conducted translational research centered on advancements in Cardiac Magnetic Resonance Imaging, VT Ablation, Atrial Fibrillation, Cardiac Sarcoidosis, Cardiac Sympathetic Denervation and Hypothermia Induction in the animal experiment lab at Johns Hopkins under the supervision of Harikrishna Tandri, MD, FACC.

Rushil secured his master's degree in Medical Immunology & Molecular Microbiology from the Johns Hopkins University Bloomberg School in Baltimore, MD, USA.

Previously, Rushil attended medical school at the Topiwala National Medical College & B.Y.L Nair Hospital in Mumbai, India and subsequently, completed his three-years of medicine residency there. Additionally, Dr. Shah has some experience of working as a Hospitalist in a Cardiology Care Unit (CCU) under the supervision of Yash Lokhandwala, MD, DM at Bandra HFH in Mumbai.

Dr. Shah recently got ECFMG-certified to actively practice medicine in the United States. Rushil is a member of the American Heart Association, Dallas, TX and the Heart Rhythm Society in Washington DC. Rushil aspires to complete his cardiology training and become a cardiac electrophysiologist here in the United States.

HONORS AND AWARDS

- ECFMG Certification, Education Commission for Foreign Medical Graduates (December 06, 2022)
- United States Medical Licensing Examination (USMLE) Step 2CK, Federation of State Medical Boards (FSMB) and the National Board of Medical Examiners (NBME) (October 31, 2022)
- United States Medical Licensing Examination (USMLE) Step I, Federation of State Medical Boards (FSMB) and the National Board of Medical Examiners (NBME) (March 30, 2022)

PROFESSIONAL EDUCATION

- Doctor of Medicine, University of Mumbai (2014)
- B of Medicine and B of Surgery, University of Mumbai (2008)
- Master of Health and Science, Johns Hopkins University (2018)
- DNB Medicine (f), Andheri Holy Spirit Hospital, Mumbai, India , Internal Medicine
- MBBS, Topiwala National Medical College and BYL Nair Hospital, Mumbai, India , Medicine
- MHS, Johns Hopkins University, Baltimore, MD USA , Medical Immunology & Molecular Microbiology (2018)

STANFORD ADVISORS

- Paul Wang, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Effects of Intraluminal Content on Esophageal Lesion Formation During Radiofrequency Catheter Ablation: Preliminary Data.** *Circulation. Arrhythmia and electrophysiology*
Assis, F. R., Tandri, H., Shah, R., Batich, C., Karmarkar, P., Gonuguntla, A., Dill, M., Uzunoglu, E. C., Catanzaro, J. N.
2023: e012404
- **Who Are We Missing? Reporting of Transgender and Gender-Expansive Populations in Clinical Trials.** *Journal of the American Heart Association*
Rice, E. N., Lan, R. H., Nunes, J. C., Shah, R., Clark, K., Periyakoil, V. S., Chen, J. H., Lin, B., Echols, M., Awad, C., Idris, M. Y., Cruz, E. R., Poullios, et al
2023: e030209
- **Disabilities Reporting in Cardiac Clinical Trials: How Are We Doing?** *Journal of the American Heart Association*
Lan, R. H., Rice, E. N., Nunes, J. C., Shah, R., Igwe, J. K., Clark, K., Periyakoil, V. S., Chen, J. H., Lin, B., Awad, C., Idris, M., Cruz, E. R., Lewis, et al
2023: e029726
- **Determinants of acute irreversible electroporation lesion characteristics after pulsed field ablation: the role of voltage, contact, and adipose interference.** *Europace : European pacing, arrhythmias, and cardiac electrophysiology : journal of the working groups on cardiac pacing, arrhythmias, and cardiac cellular electrophysiology of the European Society of Cardiology*
Gasperetti, A., Assis, F., Tripathi, H., Suzuki, M., Gonuguntla, A., Shah, R., Sampognaro, J., Schiavone, M., Karmarkar, P., Tandri, H.
2023
- **WHO ARE WE MISSING? REPORTING OF TRANSGENDER AND GENDER EXPANSIVE POPULATIONS IN CLINICAL TRIALS**
Rice, E., Lan, R., Nunes, J., Shah, R., Echols, M. R., Lunn, M., Bryant, L., Lewis, E. F., Awad, C., Idris, M. Y., Clark, K., Periyakoil, V., Cruz, et al
ELSEVIER SCIENCE INC.2023: 119
- **DISABILITIES REPORTING IN CLINICAL TRIALS. HOW ARE WE DOING?**
Lan, R., Rice, E., Nunes, J., Shah, R., Joseph, I. E., Echols, M. R., Echols, M. R., Lunn, M., Bryant, L., Lewis, E. F., Awad, C., Idris, M. Y., Clark, et al
ELSEVIER SCIENCE INC.2023: 172
- **Clinical Trial to Evaluate an Atrial Fibrillation Stroke Prevention Shared DecisionMaking Pathway**
Wang, P. J., Lu, Y., Mahaffey, K. W., Lin, A., Morin, D. P., Sears, S. F., Chung, M. K., Russo, A. M., Lin, B., Piccini, J. P., Hills, M. T., Berube, C., Pundi, et al
LIPPINCOTT WILLIAMS & WILKINS.2022: E582-E583
- **A Randomized Clinical Trial to Evaluate an Atrial Fibrillation Stroke Prevention Shared Decision-Making Pathway.** *Journal of the American Heart Association*
Wang, P. J., Lu, Y., Mahaffey, K. W., Lin, A., Morin, D. P., Sears, S. F., Chung, M. K., Russo, A. M., Lin, B., Piccini, J., Hills, M. T., Berube, C., Pundi, et al
2022: e8009
- **Quality assessment of cardiac magnetic resonance myocardial scar imaging prior to ventricular arrhythmia ablation.** *The international journal of cardiovascular imaging*
Shah, R., Sharma, A., Assis, F., De Vasconcellos, H. D., Alugubelli, N., Pandey, P., Akhtar, T., Gasperetti, A., Zhou, S., Halperin, H., Zimmerman, S. L., Tandri, H., Kolandaivelu, et al
2022

- **Assessment of an ECG-Based System for Localizing Ventricular Arrhythmias in Patients With Structural Heart Disease.** *Journal of the American Heart Association*
Zhou, S., AbdelWahab, A., Sapp, J. L., Sung, E., Aronis, K. N., Warren, J. W., MacInnis, P. J., Shah, R., Horacek, B. M., Berger, R., Tandri, H., Trayanova, N. A., Chrispin, et al
2021; e022217
- **Incidence and Predictors of Sudden Cardiac Arrest in Sarcoidosis: A Nationwide Analysis.** *JACC. Clinical electrophysiology*
Narasimhan, B., Patel, N., Ho, K., Amgai, B., Okada, D. R., Bandyopadhyay, D., Krittawong, C., Wu, L., Bhatia, K., Shah, R., Correa, A., Mehta, D.
2021; 7 (9): 1087-1095
- **Trans-nasal high-flow dehumidified air in acute migraine headaches: A randomized controlled trial.** *Cephalgia : an international journal of headache*
Shah, R., Assis, F., Narasimhan, B., Khachadourian, V., Zhou, S., Tandri, H., Tariq, N.
2021; 41 (9): 968-978
- **Effects of High-Flow Transesophageal Dry Air on Core Temperature: A Novel Method of Therapeutic Hypothermia.** *Therapeutic hypothermia and temperature management*
Assis, F. R., Ambadipudi, S., Bhamhani, H., Shah, R., Daimee, U. A., Tandri, H.
2021; 11 (2): 88-95
- **Long-Term Outcomes of Bilateral Cardiac Sympathetic Denervation for Refractory Ventricular Tachycardia** *JACC-CLINICAL ELECTROPHYSIOLOGY*
Assis, F. R., Sharma, A., Shah, R., Akhtar, T., Adari, S., Calkins, H., Ha, J. S., Mandal, K., Tandri, H.
2021; 7 (4): 463-470
- **Long-term clinical outcomes of cardiac sympathetic denervation in patients with refractory ventricular arrhythmias** *JOURNAL OF CARDIOVASCULAR ELECTROPHYSIOLOGY*
Barwad, P., Sinkar, K., Bachani, N., Shah, R., Shah, V., Kumar, B., Bhoskar, S., Desai, N., Lokhandwala, Y.
2021; 32 (4): 1065-1074
- **Safety and Feasibility of a Novel Transnasal Cooling Device to Induce Normothermia in Febrile Cerebrovascular Patients** *NEUROCRITICAL CARE*
Badjatia, N., Gupta, N., Sanchez, S., Haymore, J., Tripathi, H., Shah, R., Hannan, C., Tandri, H.
2021; 34 (2): 500-507
- **Prospective Assessment of an Automated Intraprocedural 12-Lead ECG-Based System for Localization of Early Left Ventricular Activation.** *Circulation. Arrhythmia and electrophysiology*
Zhou, S., AbdelWahab, A., Horáček, B. M., MacInnis, P. J., Warren, J. W., Davis, J. S., Elsokkari, I., Lee, D. C., MacIntyre, C. J., Parkash, R., Gray, C. J., Gardner, M. J., Marcoux, et al
2020; 13 (7): e008262
- **Esophageal injury associated with catheter ablation for atrial fibrillation: Determinants of risk and protective strategies** *JOURNAL OF CARDIOVASCULAR ELECTROPHYSIOLOGY*
Assis, F. R., Shah, R., Narasimhan, B., Ambadipudi, S., Bhamhani, H., Catanzaro, J. N., Calkins, H., Tandri, H.
2020; 31 (6): 1364-1376
- **Cardiac sympathetic denervation for refractory ventricular arrhythmias in patients with structural heart disease: A systematic review** *HEART RHYTHM*
Shah, R., Assis, F., Alugubelli, N., Okada, D. R., Cardoso, R., Shivkumar, K., Tandri, H.
2019; 16 (10): 1499-1505
- **Cardiac Sympathetic Denervation for Refractory Ventricular Arrhythmias (vol 69, pg 3070, 2017)** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Vaseghi, M., Barwad, P., Corrales, M. J., Tandri, H., Mathuria, N., Shah, R., Sorg, J. M., Gima, J., Mandal, K., Morales, S. C., Lokhandwala, Y., Shivkumar, K.
2017; 70 (6): 811
- **Cardiac Sympathetic Denervation for Refractory Ventricular Arrhythmias** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Vaseghi, M., Barwad, P., Malavassi Corrales, F. J., Tandri, H., Mathuria, N., Shah, R., Sorg, J. M., Gima, J., Mandal, K., Saenz Morales, L. C., Lokhandwala, Y., Shivkumar, K.
2017; 69 (25): 3070-3080