



Rajan Lalit Shah

Affiliate, Medicine - Med/Cardiovascular Medicine

CLINICAL OFFICE (PRIMARY)

- **Sutter CCMG**

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Bio

BIO

Dr. Rajan Shah is a cardiac electrophysiologist concentrating on the treatment of arrhythmias, especially those of complex origins. He prides himself on delivering personalized attention, compassion, and high-quality care to optimize the needs of his patients with abnormal heart rhythms. His experiences in Detroit, where he was raised, exposed him to a wide range of beautiful cultures and backgrounds, and solidified his decision to pursue a career focused on the wellbeing of people.

He completed his sub-specialty fellowship at Stanford University where he received 2 years of highly specialized training dedicated to the treatment of genetic arrhythmia syndromes and management of complex heart rhythm disorders. Dr. Shah continues his profession at Stanford Health Care and is grateful for the opportunity to care for a diverse population, employing his expertise in state-of-the-art therapies including minimally-invasive catheter ablation (ex: ventricular tachycardia, atrial fibrillation) and device implantation (ex: conduction system and leadless pacing) to better the health outcomes of his patients with various arrhythmias. In his clinical role, Dr. Shah additionally directs the East Bay Familial Inherited Arrhythmia Clinic concentrated on the tailored-treatment of genetic arrhythmia syndromes and the prevention of sudden cardiac death in individuals and families.

CLINICAL FOCUS

- Cardiac Electrophysiology
- Cardiovascular Disease

ACADEMIC APPOINTMENTS

- Member, Cardiovascular Institute

ADMINISTRATIVE APPOINTMENTS

- Director, Familial Inherited Arrhythmia (FIA) Program, East Bay, (2020- present)

PROFESSIONAL EDUCATION

- Board Certification: Adult Echocardiography, National Board of Echocardiography (2017)
- Fellowship, Stanford University , Clinical Cardiac Electrophysiology Fellowship (2020)
- Fellowship, Henry Ford Health System , Cardiovascular Medicine Fellowship (2018)

- Residency, University of Southern California , Internal Medicine Residency (2015)
- Medical Education, Wayne State University School of Medicine , Doctor of Medicine (2012)
- Board Certification: Clinical Cardiac Electrophysiology, American Board of Internal Medicine (2021)
- Board certification, American Board of Internal Medicine , Cardiac Electrophysiology (2021)
- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (2018)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2015)

Publications

PUBLICATIONS

- **Mapping Atrial Fibrillation After Surgical Therapy to Guide Endocardial Ablation.** *Circulation. Arrhythmia and electrophysiology*
Bhatia, N. K., Shah, R. L., Deb, B., Pong, T., Kapoor, R., Rogers, A., Badhwar, N., Brodt, C., Wang, P. J., Narayan, S. M., Lee, A. M.
2022; 101161CIRCEP121010502
- **Hybrid Ablation for Atrial Fibrillation: Safety & Efficacy of Unilateral Epicardial Access.** *Seminars in thoracic and cardiovascular surgery*
Pong, T., Shah, R. L., Carlton, C., Truong, A., Fann, B., Cyr, K., Aparicio-Valenzuela, J., Brodt, C., Wang, P. J., Lee, A. M.
2022
- **Substrate Characterization and Outcomes of Ventricular Tachycardia Ablation in Titin Cardiomyopathy: A Multicenter Study.** *Circulation. Arrhythmia and electrophysiology*
Enriquez, A., Liang, J., Smietana, J., Muser, D., Salazar, P., Shah, R., Badhwar, N., Bogun, F., Marchlinski, F. E., Garcia, F., Baranchuk, A., Tung, R., Redfearn, et al
2021
- **Antiarrhythmic drug loading at home using remote monitoring: a virtual feasibility study during COVID-19 social distancing.** *European heart journal. Digital health*
Shah, R. L., Kapoor, R., Bonnett, C., Ottoboni, L. K., Tacklind, C., Tsiperfal, A., Perez, M. V.
2021; 2 (2): 259-262
- **Deformation of stylet-driven leads & helix unraveling during acute explant after conduction system pacing.** *Indian pacing and electrophysiology journal*
Shah, R. L., Kapoor, R., Badhwar, N.
2021
- **Open-Chest Ablation of Incessant Ventricular Tachycardia During Left Ventricular Assist Device Implantation.** *JACC. Clinical electrophysiology*
Shah, R. L., Hiesinger, W., Badhwar, N.
2020; 6 (7): 901-2
- **How Will Genetics Inform the Clinical Care of Atrial Fibrillation?** *CIRCULATION RESEARCH*
Shoemaker, M., Shah, R. L., Roden, D. M., Perez, M.
2020; 127 (1): 111-27
- **Approach to narrow complex tachycardia: non-invasive guide to interpretation and management.** *Heart (British Cardiac Society)*
Shah, R. L., Badhwar, N.
2020
- **Pathological overlap of Arrhythmogenic Right Ventricular Cardiomyopathy and Cardiac Sarcoidosis.** *Circulation. Genomic and precision medicine*
Kerkar, A., Hazard, F., Caleshu, C. A., Shah, R. L., Reuter, C., Ashley, E. A., Parikh, V. N.
2019
- **Catheter ablation or surgery to eliminate longstanding persistent atrial fibrillation.** *International journal of cardiology*
Shah, R. L., Zaman, J. A., Narayan, S. M.
2019
- **Intentional pneumothorax avoids collateral damage: Dynamic phrenic nerve mobilization through intrathoracic insufflation of carbon dioxide.** *HeartRhythm case reports*
Shah, R. L., Perino, A. n., Obafemi, O. n., Lee, A. n., Badhwar, N. n.

2019; 5 (9): 480–84

- **Three-Dimensional Printing for Planning of Structural Heart Interventions.** *Interventional cardiology clinics*

Wang, D. D., Gheewala, N., Shah, R., Levin, D., Myers, E., Rollet, M., O'Neill, W. W.

2018; 7 (3): 415-423