



Sameer Raina, MD, MBBS, MBA, FACC

Clinical Associate Professor, Medicine - Cardiovascular Medicine

CLINICAL OFFICE (PRIMARY)

- **San Jose Medical Group**

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Internal Medicine

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Bio

BIO

Dr. Raina is a board-certified cardiologist in the General Cardiology clinic at Stanford Health Care and a member of the Stanford Cardiovascular Institute. He is also a clinical associate professor in the Division of Cardiovascular Medicine.

His clinical interests include preventive cardiology, cardiac rehabilitation, and sports cardiology. In his recent positions at West Virginia University, he established the cardiology telemedicine program during and after the COVID pandemic. He applied his passion for cardiac rehab by creating individualized treatment plans for college athletes recovering from COVID. Dr. Raina is also passionate about building relationships with community doctors. He believes continuous communication is an essential part of excellent patient care.

Dr. Raina's current research focuses on preventive cardiology, cardiac imaging, and outcomes research. He studies the outcomes of different cardiac interventions in specific patient populations. His research helps identify appropriate treatments for patients who have other conditions in addition to heart disease.

Dr. Raina eagerly anticipates joining the faculty of the Stanford South Asian Translational Heart Initiative (SSATHI). He is excited for the opportunity to address the high risk of cardiovascular diseases among South Asians. He looks forward to applying his clinical and research experience to support SSATHI's mission to provide advanced care to ethnic populations disproportionately affected by these diseases.

Dr. Raina is a peer reviewer for several prestigious publications, including *Neuropsychiatric Disease and Treatment* and the *International Journal of Chronic Obstructive Pulmonary Disease*. He has also been an invited guest speaker at national and international meetings, including those for the International Congress of Cardiology and the World Congress of Cardiothoracic-Renal Diseases.

Dr. Raina is a fellow of the American College of Cardiology (FACC) and a member of the American College of Cardiology.

CLINICAL FOCUS

- Cardiovascular Disease

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Medicine - Cardiovascular Medicine
- Member, Cardiovascular Institute

HONORS AND AWARDS

- Darden Merit Scholarship for Outstanding Academic Performance, University of Virginia Darden School of Business

PROFESSIONAL EDUCATION

- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (2024)
- Board Certification: Nuclear Cardiology, Certification Board of Nuclear Cardiology
- Board Certification: Adult Echocardiography, National Board of Echocardiography (2016)
- Fellowship: University of Arkansas for Medical Sciences Medical Center (2016) AR
- Residency: University of Arkansas Internal Medicine (2013) AR
- Medical Education: Armed Forces Medical College (2004) India

Publications

PUBLICATIONS

- **Smart watch applications in atrial fibrillation detection: Current state and future directions.** *Journal of cardiovascular electrophysiology*
Vyas, R., Jain, S., Thakre, A., Thotamgari, S. R., Raina, S., Brar, V., Sengupta, P., Agrawal, P.
2024
- **Efficacy and safety of Mavacamten for symptomatic Hypertrophic cardiomyopathy - an updated Meta-Analysis of randomized controlled trials** *IJC HEART & VASCULATURE*
Ullah, I., Rehan, S., Khan, Z., Shuja, S., Shuja, M., Irfan, M., Gonuguntla, K., Alraies, M., Aggarwal, P., Raina, S., Sattar, Y., Asghar, M.
2024; 53
- **Efficacy and safety of Mavacamten for symptomatic Hypertrophic cardiomyopathy - an updated Meta-Analysis of randomized controlled trials.** *International journal of cardiology. Heart & vasculature*
Ullah, I., Tayyaba Rehan, S., Khan, Z., Hasan Shuja, S., Hamza Shuja, M., Irfan, M., Gonuguntla, K., Chadi Alraies, M., Aggarwal, P., Raina, S., Sattar, Y., Sohaib Asghar, M.
2024; 53: 101467
- **Contemporary trends of leadless pacemaker implantation in the United States.** *Journal of cardiovascular electrophysiology*
Khan, M. Z., Nassar, S., Nguyen, A., Khan, M. U., Sattar, Y., Alruwaili, W., Gonuguntla, K., Mazek, H., Asad, Z. U., Agarwal, S., Raina, S., Balla, S., Nguyen, et al
2024
- **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*
Khan, M. Z., Nguyen, A., Khan, M. U., Sattar, Y., Alruwaili, W., Gonuguntla, K., Sohaib Hayat, H. M., Mendez, M., Nassar, S., Asad, Z. U., Agarwal, S., Raina, S., Balla, et al
2024
- **Pericardial effusion requiring intervention in patients undergoing leadless pacemaker implantation: A real-world analysis from the National Inpatient Sample database.** *Heart rhythm O2*
Khan, M. Z., Sattar, Y., Alruwaili, W., Nassar, S., Alhajji, M., Alyami, B., Nguyen, A. T., Neely, J., Abideen Asad, Z. U., Agarwal, S., Raina, S., Balla, S., Nguyen, et al
2024; 5 (4): 217-223

- **Takotsubo Cardiomyopathy and Psychiatric Illness- Insight from National Inpatient Sample (NIS) and National Re-admission Database (NRD) 2016 to 2018.** *Current problems in cardiology*
Gonuguntla, K., Thyagaturu, H., Shaik, A., Roma, N., Thangjui, S., Alruwaili, W., Patel, K. N., Nasser, S., Valand, H., Cheema, M. S., Jain, B., Ahmed, A., Raina, et al
2024: 102429
- **Procedural and cardiovascular outcomes of geriatric vs non-geriatric patients undergoing permanent pacemaker implantation - a nationwide cohort analysis.** *American journal of cardiovascular disease*
Shaik, A., Rojulpote, M., Roma, N., Patel, N., Sattar, Y., Thyagaturu, H., Chobufo, M. D., Bansal, R., Alharbi, A., Taha, A., Raina, S., Gonuguntla, K.
2024; 14 (2): 128-135
- **Trends and Outcomes of Type 2 Myocardial Infarction During the COVID-19 Pandemic in the United States.** *Korean circulation journal*
Thyagaturu, H., Roma, N., Angirekula, A., Thangjui, S., Bolton, A., Gonuguntla, K., Sattar, Y., Chobufo, M. D., Challa, A., Patel, N., Bondi, G., Raina, S.
2023
- **Intracranial bleeding and associated outcomes in atrial fibrillation patients undergoing percutaneous left atrial appendage occlusion: Insights from National Inpatient Sample 2016-2020.** *Heart rhythm O2*
Khan, M. Z., Shatla, I., Darden, D., Neely, J., Mir, T., Abideen Asad, Z. U., Agarwal, S., Raina, S., Balla, S., Singh, G. D., Srivatsa, U., Munir, M. B.
2023; 4 (7): 433-439