

## Mayil Singram Krishnam

Clinical Professor, Radiology

### CLINICAL OFFICE (PRIMARY)

- **Department of Radiology CV Imaging Division**

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### Bio

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#### CLINICAL FOCUS

- Diagnostic Radiology

#### ACADEMIC APPOINTMENTS

- Clinical Professor, Radiology

#### PROFESSIONAL EDUCATION

- Board Certification: Diagnostic Radiology, American Board of Radiology (2009)
- Fellowship: UCLA Radiology Fellowships (2006) CA
- Residency: Royal Liverpool Hospital (2005) United Kingdom
- Residency: Princess Royal Hospital Medicine Residency (1999) United Kingdom
- Internship: Stanley Medical College (1995) India
- Medical Education: Stanley Medical College (1994) India

### Publications

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#### PUBLICATIONS

- **Complex Percutaneous Intervention and Intravascular Lithotripsy for Critical Cabrol Anastomotic Stenosis Jeopardizing Global Coronary Circulation.** *JACC. Case reports*  
Meredith, T., Krishnam, M., Woo, J. P., Fearon, W. F., Hiesinger, W., Yeung, A.  
2026: 107768
- **Health Status Outcomes With Percutaneous Coronary Intervention and Coronary Artery Bypass Grafting in ISCHEMIA.** *Circulation*  
Huded, C. P., Spertus, J. A., Jones, P. G., O'Brien, S. M., Mark, D. B., Bangalore, S., Stone, G. W., Williams, D. O., White, H. D., Boden, W. E., Reynolds, H. R., Hochman, J. S., Maron, et al  
2025
- **Evaluating the Appropriate Use Criteria for Coronary Revascularization in Stable Ischemic Heart Disease Using Randomized Data From the ISCHEMIA Trial.** *Circulation. Cardiovascular quality and outcomes*  
Slater, J., Maron, D. J., Jones, P. G., Bangalore, S., Reynolds, H. R., Fu, Z., Stone, G. W., Kirby, R., Hochman, J. S., Spertus, J. A.  
2025: e010849
- **Transcatheter Aortic Valve Replacement in Patients With Interventricular Membranous Septal Aneurysms.** *JACC. Case reports*

Theriault-Lauzier, P., Dawson, L. P., Wong, C. C., Sharma, R. P., Fearon, W. F., Kang, G., MacArthur, J. W., Pogatchnik, B. P., Krishnam, M. S., Yeung, A. C.  
2025; 30 (1): 102715

- **Relationship Between Severity of Ischemia and Coronary Artery Disease for Different Stress Test Modalities in the ISCHEMIA Trial.** *Circulation. Cardiovascular interventions*  
Reynolds, H. R., Page, C. B., Shaw, L. J., Berman, D. S., Chaitman, B. R., Picard, M. H., Kwong, R. Y., Min, J. K., Leipsic, J., Mancini, G. B., Budoff, M. J., Hague, C. J., Senior, et al  
2024; 17 (12): e013743
- **Transcatheter Valve Replacement in Severe Tricuspid Regurgitation.** *The New England journal of medicine*  
Hahn, R. T., Makkar, R., Thourani, V. H., Makar, M., Sharma, R. P., Haeffele, C., Davidson, C. J., Narang, A., O'Neill, B., Lee, J., Yadav, P., Zahr, F., Chadderdon, et al  
2024
- **Myocardial Blood Flow Quantification Using Stress Cardiac Magnetic Resonance Improves Detection of Coronary Artery Disease.** *JACC. Cardiovascular imaging*  
Wang, S., Kim, P., Wang, H., Ng, M. Y., Arai, A. E., Singh, A., Mushtaq, S., Sin, T. H., Tada, Y., Hillier, E., Jin, R., Mariager, C. Ø., Salerno, et al  
2024
- **Wideband radiofrequency pulse sequence for evaluation of myocardial scar in patients with cardiac implantable devices** *FRONTIERS IN RADIOLOGY*  
Shah, N. D., Krishnam, M., Venkatesh, B., Khan, F., Smith, M., Jones, D. R., Koon, P., Mao, X., Janich, M. A., Brau, A. C. S., Salerno, M., Dash, R., Chan, et al  
2024; 4: 1327406
- **Factors Associated With Coronary Angiography Performed Within 6 Months of Randomization to the Conservative Strategy in the ISCHEMIA Trial.** *Circulation. Cardiovascular interventions*  
Pracori, R., Spertus, J. A., Broderick, S., Bangalore, S., Rockhold, F. W., Ruzyllo, W., Demchenko, E., Nageh, T., Grossman, G. B., Mavromatis, K., Manjunath, C. N., Smanio, P. E., Stone, et al  
2024: e013435
- **Microvascular Obstruction and Intramyocardial Hemorrhage in Reperfused Myocardial Infarctions: Pathophysiology and Clinical Insights From Imaging.** *JACC. Cardiovascular imaging*  
Vora, K. P., Kumar, A., Krishnam, M. S., Prato, F. S., Raman, S. V., Dharmakumar, R.  
2024
- **Sex Differences in Revascularization, Treatment Goals, and Outcomes of Patients With Chronic Coronary Disease: Insights From the ISCHEMIA Trial.** *Journal of the American Heart Association*  
Reynolds, H. R., Cyr, D. D., Merz, C. N., Shaw, L. J., Chaitman, B. R., Boden, W. E., Alexander, K. P., Rosenberg, Y. D., Bangalore, S., Stone, G. W., Held, C., Spertus, J., Goetschalckx, et al  
2024: e029850
- **Non-electrocardiogram-gated, free-breathing, off-resonance reduced, high-resolution, whole-heart myocardial T2 \* mapping at 3 T within 5 min.** *Magnetic resonance in medicine*  
Guan, X., Yang, H. J., Zhang, X., Wang, N., Han, H., Tang, R., Hu, Z., Youssef, K., Vora, K., Krishnam, M. S., Christodoulou, A. G., Li, D., Sharif, et al  
2024
- **Transfemoral tricuspid valve replacement and one-year outcomes: the TRISCEND study.** *European heart journal*  
Kodali, S., Hahn, R. T., Makkar, R., Makar, M., Davidson, C. J., Puthumana, J. J., Zahr, F., Chadderdon, S., Fam, N., Ong, G., Yadav, P., Thourani, V., Vannan, et al  
2023
- **The 2022 FASEB Virtual Catalyst Conference on the Cardiac Interatrial Septum and Stroke Risk, December 7, 2022.** *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*  
Schilling, J., Lin, J. P., Mankad, S. V., Krishnam, M. S., Ning, M., Patel, P. M., Kim, C. K., Kapoor, R., Di Tullio, M. R., Jung, J., Kim, J. K., Fisher, M. J.  
2023; 37 (9): e23122
- **The utility of time resolved magnetic resonance angiography in differentiating vascular malformations.** *Clinical imaging*  
Bista, B., Yousra, A., Bosemani, T., Gedeon, D., Bista, A., Shrestha, S., Krishnam, M.  
2023; 101: 150-155

- **Intramyocardial hemorrhage drives fatty degeneration of infarcted myocardium.** *Nature communications*  
Cokic, I., Chan, S. F., Guan, X., Nair, A. R., Yang, H., Liu, T., Chen, Y., Hernando, D., Sykes, J., Tang, R., Butler, J., Dohnalkova, A., Kovarik, et al  
2022; 13 (1): 6394
- **Heart transplantation with concomitant reoperative total aortic arch replacement in a patient with end-stage heart failure and chronic aortic arch dissection.** *JTCVS techniques*  
Kasinpila, P., Krishnam, M., Woo, Y. J.  
2022; 15: 144-146
- **Constrictive Pericarditis Revealing Rare Case of ALH Amyloidosis With Underlying Lymphoplasmacytic Lymphoma (Waldenstrom Macroglobulinemia).** *JACC. Case reports*  
Ho, V. V., O'Sullivan, J. W., Collins, W. J., Ozdalga, E., Bell, C. F., Shah, N. D., Krishnam, M. S., Ozawa, M. G., Witteles, R. M.  
2022; 4 (5): 271-275
- **Initial Invasive or Conservative Strategy for Stable Coronary Disease.** *The New England journal of medicine*  
Maron, D. J., Hochman, J. S., Reynolds, H. R., Bangalore, S. n., O'Brien, S. M., Boden, W. E., Chaitman, B. R., Senior, R. n., López-Sendón, J. n., Alexander, K. P., Lopes, R. D., Shaw, L. J., Berger, et al  
2020
- **Health Status after Invasive or Conservative Care in Coronary and Advanced Kidney Disease.** *The New England journal of medicine*  
Spertus, J. A., Jones, P. G., Maron, D. J., Mark, D. B., O'Brien, S. M., Fleg, J. L., Reynolds, H. R., Stone, G. W., Sidhu, M. S., Chaitman, B. R., Chertow, G. M., Hochman, J. S., Bangalore, et al  
2020
- **Management of Coronary Disease in Patients with Advanced Kidney Disease.** *The New England journal of medicine*  
Bangalore, S. n., Maron, D. J., O'Brien, S. M., Fleg, J. L., Kretov, E. I., Briguori, C. n., Kaul, U. n., Reynolds, H. R., Mazurek, T. n., Sidhu, M. S., Berger, J. S., Mathew, R. O., Bockeria, et al  
2020
- **Health-Status Outcomes with Invasive or Conservative Care in Coronary Disease.** *The New England journal of medicine*  
Spertus, J. A., Jones, P. G., Maron, D. J., O'Brien, S. M., Reynolds, H. R., Rosenberg, Y. n., Stone, G. W., Harrell, F. E., Boden, W. E., Weintraub, W. S., Baloch, K. n., Mavromatis, K. n., Diaz, et al  
2020
- **Baseline Characteristics and Risk Profiles of Participants in the ISCHEMIA Randomized Clinical Trial** *JAMA CARDIOLOGY*  
Hochman, J. S., Reynolds, H. R., Bangalore, S., O'Brien, S. M., Alexander, K. P., Senior, R., Boden, W. E., Stone, G. W., Goodman, S. G., Lopes, R. D., Lopez-Sendon, J., White, H. D., Maggioni, et al  
2019; 4 (3): 273–86