Stanford

Guson Kang

Clinical Assistant Professor, Medicine - Cardiovascular Medicine

CLINICAL OFFICE (PRIMARY)

- **VA Palo Alto Health Care System**

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Bio

BIO

Dr. Kang is an interventional cardiologist who specializes in the treatment of structural heart disease. He has expertise in complex coronary interventions, transcatheter aortic and mitral valve replacements, transcatheter mitral valve repair, left atrial appendage occlusion, PFO/septal defect closure, alcohol septal ablation, and paravalvular leak closure.

A Bay Area native, he graduated from Stanford University and obtained his medical degree at Yale University. He came back to Stanford to train in internal medicine, cardiology, and interventional cardiology before completing an advanced structural interventions fellowship at Ford Hospital.

CLINICAL FOCUS

- Interventional Cardiology
- Structural Interventions

ACADEMIC APPOINTMENTS

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

PROFESSIONAL EDUCATION

- Board Certification: Adult Echocardiography, National Board of Echocardiography (2018)
- Fellowship, Henry Ford Hospital , Structural Interventions (2020)
- Fellowship, Stanford University , Interventional Cardiology (2019)
- Fellowship, Stanford University , Cardiovascular Medicine (2018)
- Residency, Stanford University , Internal Medicine (2015)
- Internship, Stanford University , Internal Medicine (2013)
- MD, Yale School of Medicine , Medicine (2012)
- BS, Stanford University , Biological Sciences (2006)
- Board Certification: Interventional Cardiology, American Board of Internal Medicine (2019)
- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (2018)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2015)

Publications

PUBLICATIONS

- **A deep learning-based electrocardiogram risk score for long term cardiovascular death and disease.** *NPJ digital medicine*
  Hughes, J. W., Tooley, J., Torres Soto, J., Ostropolets, A., Poterucha, T., Christensen, M. K., Yuan, N., Ehlert, B., Kaur, D., Kang, G., Rogers, A., Narayan, S., Elias, et al
  2023; 6 (1): 169

- **Distance between valvular leaflet and coronary ostium predicting risk of coronary obstruction during TAVR.** *International journal of cardiology. Heart & vasculature*
  Oh, J., Kobayashi, Y., Kang, G., Nishi, T., Willemink, M. J., Fearon, W. F., Fischbein, M., Fleishmann, D., Yeung, A. C., Kim, J. B.
  1800; 37: 100917

- **Choosing Between Transcatheter Aortic Valve Replacement and Surgery in the Low-Risk Transcatheter Aortic Valve Replacement Era.** *Interventional cardiology clinics*
  Kang, G., Yeung, A.
  2021; 10 (4): 413-422

- **Chase the Leak - A Case of Valve-in-Ring with Mitral PVL Closure**
  So, C., Kang, G., Eng, M.
  ELSEVIER SCIENCE INC.2021: S247–S248

- **Deep Neural Network Trained on Surface ECG Improves Diagnostic Accuracy of Prior Myocardial Infarction Over Q Wave Analysis**
  Yildirim, O., Baloglu, U. B., Talo, M., Ganesan, P., Tung, J. S., Kang, G., Tooley, J., Alhusseini, M., Baykaner, T., Wang, P. J., Perez, M., Tereshchenko, L., Narayan, et al
  IEEE.2021

- **Spontaneous Coronary Artery Dissection and ST-Segment Elevation Myocardial Infarction in an Anomalous LAD Artery** *JACC: Case Reports*
  Kang, G., Sarraju, A., Nishi, T., Rogers, I., Tremmel, J., Kim, J.
  2020

- **A novel noninvasive method for remote heart failure monitoring: the EuleriAn video Magnification apPLications In heart Failure studY (AMPLIFY).** *NPJ digital medicine*
  Abnousi, F., Kang, G., Giacomini, J., Yeung, A., Zarafshar, S., Vesom, N., Ashley, E., Harrington, R., Yong, C.
  2019; 2: 80

- **Expanding transcatheter aortic valve replacement into uncharted indications.** *The Korean journal of internal medicine*
  Kang, G., Kim, J. B.
  2018; 33 (3): 474–82

- **Neprilysin Inhibitors in Cardiovascular Disease.** *Current cardiology reports*
  Kang, G., Banerjee, D.
  2017; 19 (2): 16-?

- **Pulmonary artery pulsatility index predicts right ventricular failure after left ventricular assist device implantation.** *journal of heart and lung transplantation*
  Kang, G., Ha, R., Banerjee, D.
  2016; 35 (1): 67-73