Stanford



Randall Vagelos, MD

Professor of Medicine (Cardiovascular)

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CLINICAL OFFICE (PRIMARY)

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

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Bio

BIO

Board certified in Internal Medicine, General Cardiology, Interventional Cardiology, and Heart Failure and Transplantation. Medical Director of Stanford Cardiac Care Unit since 1991. Clinical interests: CHF, advanced structural heart disease (heart muscle, coronary artery, valve, and pericardial), as well as post radiation and chemotherapy induced heart damage.

CLINICAL FOCUS

- Cardiology (Heart)
- Heart Lung Transplantation
- valvular heart disease
- Heart Failure
- Radiation/Chemotherapy induced cardiac disease
- Pericardial disease
- Advanced Heart Failure and Transplant Cardiology

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Medicine - Cardiovascular Medicine
- Member, Cardiovascular Institute

PROFESSIONAL EDUCATION

- Residency: Columbia Presbyterian Medical Center (1986) NY
- Fellowship: Stanford University Cardiovascular Medicine Fellowship (1991) CA
- Cardiology Fellowship, Stanford University School of Medicine , Cardiology Fellowship (1989)
- Board Certification, American Board of Internal Medicine , Interventional Cardiology (2002)
- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (1989)

- Medical Education: Columbia University College of Physicians and Surgeons (1983) NY
- Board Certification: Internal Medicine, American Board of Internal Medicine (1986)

LINKS

- Get a Second Opinion: https://stanfordhealthcare.org/second-opinion/overview.html

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

I. Congestive Heart Failure

New Medical Therapies

Prognostic Evaluation

Selection for Cardiac Transplantation

II. Screening for Myocardial Necrosis

New ECG Monitoring Devices

New Serum Markers

III. Screening for CAD

Patients Who Have Received Radiation Rx

Diabetics Being Considered for Renal Transplantation.

Publications

PUBLICATIONS

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- **Generation of three iPSC lines from dilated cardiomyopathy patients carrying a pathogenic LMNA variant.** *Stem cell research*
  Lee, C., Cho, S., Lai, C., Shenoy, S., Vagelos, R., Wu, J. C.
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- **Quantitative Comparison of Microcirculatory Dysfunction in Patients With Stress Cardiomyopathy and ST-Segment Elevation Myocardial Infarction** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
  Kim, H., Tremmel, J. A., Nam, C., Zhou, J., Haddad, F., Vagelos, R. H., Lee, D. P., Yeung, A. C., Fearon, W. F.
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- **Characteristics and Outcome After Hospitalization for Acute Right Heart Failure in Patients With Pulmonary Arterial Hypertension** *CIRCULATION-HEART FAILURE*
  Haddad, F., Peterson, T., Fuh, E., Kudelko, K. T., Perez, V. D., Skhiri, M., Vagelos, R., Schnittger, I., Denault, A. Y., Rosenthal, D. N., Doyle, R. L., Zamanian, R. T.
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- **Measurement Precision in the Optimization of Cardiac Resynchronization Therapy** *CIRCULATION-HEART FAILURE*
  Turcott, R. G., Witteles, R. M., Wang, P. J., Vagelos, R. H., Fowler, M. B., Ashley, E. A.
  2010; 3 (3): 395-404
- **Dyssynchrony Assessment with Tissue Doppler Imaging and Regional Volumetric Analysis by 3D Echocardiography Do Not Predict Long-Term Response to Cardiac Resynchronization Therapy.** *Cardiology research and practice*
  Kuppahally, S. S., Fowler, M. B., Vagelos, R., Wang, P., Al-Ahmad, A., Hsia, H., Liang, D.

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- **Worsening of Left Ventricular End-Systolic Volume and Mitral Regurgitation without Increase in Left Ventricular Dyssynchrony on Acute Interruption of Cardiac Resynchronization Therapy** *ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES*
  Kuppahally, S. S., Fowler, M. B., Vagelos, R., Wang, P., Al-Ahmad, A., Paloma, A., Liang, D.
  2009; 26 (7): 759-765

- **Angina Associated With Left Main Coronary Artery Compression in Pulmonary Hypertension** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
  Perez, V. A., Haddad, F., Vagelos, R. H., Fearon, W., Feinstein, J., Zamanian, R. T.
  2009; 28 (5): 527-530

- **Effect of rapamycin therapy on coronary artery physiology early after cardiac transplantation** *AMERICAN HEART JOURNAL*
  Sinha, S. S., Pham, M. X., Vagelos, R. H., Perlroth, M. G., Hunt, S. A., Lee, D. P., Valantine, H. A., Yeung, A. C., Fearon, W. F.
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- **Predictive value of the index of microcirculatory resistance in patients with ST-segment elevation myocardial infarction** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
  Fearon, W. F., Shah, M., Ng, M., Brinton, T., Wilson, A., Trernmel, J. A., Schnittger, I., Lee, D. P., Vagelos, R. H., Fitzgerald, P. J., Yock, P. G., Yeung, A. C.
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- **Impact of nesiritide on renal function in patients with acute decompensated failure an pre-existing renal dysfunction - A randomized, double-blind, placebo-controlled clinical trial** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
  Witteles, R. M., Kao, D., Christopherson, D., Matsuda, K., Vagelos, R. H., Schreiber, D., Fowler, M. B.
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- **Outcome in cardiac recipients of donor hearts with increased left ventricular wall thickness** *AMERICAN JOURNAL OF TRANSPLANTATION*
  Kuppahally, S. S., Valantine, H. A., Weisshaar, D., Parekh, H., Hung, Y. Y., Haddad, F., Fowler, M., Vagelos, R., Perlroth, M. G., Robbins, R. C., Hunt, S. A.
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- **Changes in coronary anatomy and physiology after heart transplantation** *AMERICAN JOURNAL OF CARDIOLOGY*
  Hirohata, A., Nakamura, M., Waseda, K., Honda, Y., Lee, D. P., Vagelos, R. H., Hunt, S. A., Valantine, H. A., Yock, P. G., Fitzgerald, P. J., Yeung, A. C., Fearon, W. F.
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- **Recurrent spontaneous coronary artery dissection with transient left ventricular systolic dysfunction.** *International journal of cardiology*
  Ardehali, R., Brinton, T. J., Wilson, A. M., Gradman, M., Vagelos, R. H., Lee, D. P.
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- **The effect of gender on mortality or appropriate shock in patients with nonischemic cardiomyopathy who have implantable cardioverter-defibrillators** *PACE-PACING AND CLINICAL ELECTROPHYSIOLOGY*
  Chen, H. A., Hsia, H. H., Vagelos, R., Fowler, M., Wang, P., Al-Ahmad, A.
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- **Screening for coronary artery disease after mediastinal irradiation for Hodgkin's disease** *JOURNAL OF CLINICAL ONCOLOGY*
  Heidenreich, P. A., Schnittger, I., Strauss, H. W., Vagelos, R. H., Lee, B. K., Mariscal, C. S., Tate, D. J., Horning, S. J., Hoppe, R. T., Hancock, S. L.
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- **Emerging therapies for the management of decompensated heart failure - From bench to bedside** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
  DeGoma, E. M., Vagelos, R. H., Fowler, M. B., Ashley, E. A.
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- **Successful removal of a paradoxical coronary embolus using an aspiration catheter** *NATURE CLINICAL PRACTICE CARDIOVASCULAR MEDICINE*
  Wilson, A. M., Ardehali, R., Brinton, T. J., Yeung, A. C., Vagelos, R.
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- **Left ventricular dyssynchrony does not deteriorate acutely on cessation of cardiac resynchronization therapy in long term responders** *10th Annual Scientific Meeting of the Heart-Failure-Society-of-America*
  Kuppahally, S., Fowler, M., Wang, P., Vagelos, R., Al-Ahmad, A., Paloma, A., Liang, D.
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- **Physiologic interrogation of transplant arterioparthy: Final results** *52nd Annual Scientific Session of the American-College-of-Cardiology*
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- **Physical activity patterns and exercise performance in cardiac transplant recipients.** *Journal of cardiopulmonary rehabilitation*
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- **Physiologic interrogation of transplant arteriopathy** *American-Heart-Association Abstracts From Scientific Sessions*
  Fearon, W. F., Nakamura, M., Lee, D. P., Rezaee, M., Vagelos, R. H., Hunt, S. A., Yock, P. G., Yeung, A. C.
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- **Early use of statins in acute coronary syndromes.** *Current cardiology reports*
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  Lee, B. K., Heidenreich, P. A., Chun, S. H., Vagelos, R. H., Green, M., Sussman, H., Schreiber, D. H.
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- **Constrictive pericarditis due to coccidiomycosis** *ANNALS OF THORACIC SURGERY*
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- **Ventricular arrhythmia and dilated cardiomyopathy is linked to chromosome 2.**
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- **Assessment of left ventricular wall motion abnormalities with the use of color kinesis: A valuable visual and training aid** *JOURNAL OF THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY*
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- **MAGNETIC-RESONANCE IMAGING-DERIVED PARAMETER OF PORTAL FLOW PREDICTS VOLUME-MEDIATED PULMONARY-HYPERTENSION IN LIVER-TRANSPLANTATION CANDIDATES** *52nd Annual Meeting of the Central-Surgical-Association*
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