Stanford

David Liang, MD, PhD

Professor of Medicine (Cardiovascular) at the Stanford University Medical Center and, by courtesy, of Electrical Engineering

Medicine - Cardiovascular Medicine

CLINICAL OFFICES

- **Cardiovascular Medicine**

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

  Brian Habekoss - Administrative Associate

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Bio

BIO

Stanford researchers are creating a micro-device that physicians could guide through the body to help diagnose and treat clogged arteries and other diseases. Tethered to the outside world by a thin wire, a tiny machine creeps through blood vessels, searching out deadly plaques and obliterating them with a zap of a laser. While a laser will come later, for now David Liang, MD, PhD, is focusing on a tiny eye that could give physicians an unprecedented view into blood vessels.

CLINICAL FOCUS

- Marfan Syndrome and Aortic Disorders
- Cardiac Imaging
- Echocardiography
- Cardiovascular Disease

ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Medicine - Cardiovascular Medicine
- Professor - Med Center Line (By courtesy), Electrical Engineering
- Member, Cardiovascular Institute

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Cardiovascular Medicine Fellowship (1995) CA
- Residency: Stanford University Internal Medicine Residency (1992) CA
- Internship: Stanford University Internal Medicine Residency (1990) CA
- Medical Education: Stanford University School of Medicine Registrar (1989) CA
- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (1995)

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LINKS

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

Publications

PUBLICATIONS

- **Greater asymmetric wall shear stress in Sievers' type 1/LR compared with 0/LAT bicuspid aortic valves after valve-sparing aortic root replacement** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
  Stephens, E. H., Hope, T. A., Kari, F. A., Kvitting, J. E., Liang, D. H., Herfkens, R. J., Miller, D. C.
  2015; 150 (1): 59-68

- **Geometric perturbations in multiheaded papillary tip positions associated with acute ovine ischemic mitral regurgitation** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
  Timek, T. A., Lai, D. T., Bothe, W., Liang, D., Daughters, G. T., Ingels, N. B., Miller, D. C.
  2015; 150 (1): 232-237

- **Defining "Severe" Secondary Mitral Regurgitation Emphasizing an Integrated Approach** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
  Grayburn, P. A., Carabello, B., Hung, J., Gillam, L. D., Liang, D., Mack, M. J., McCarthy, P. M., Miller, D. C., Trento, A., Siegel, R. J.
  2014; 64 (25): 2792-2801

- **Tirone David procedure for bicuspid aortic valve disease: impact of root geometry and valve type on mid-term outcomes†.** *Interactive cardiovascular and thoracic surgery*
  Kari, F. A., Kvitting, J. E., Stephens, E. H., Liang, D. H., Merk, D. R., Fischbein, M. P., Mitchell, R. S., Miller, D. C.
  2014; 19 (3): 375-381

- **Relationship between Echocardiographic and Magnetic Resonance Derived Measures of Right Ventricular Size and Function in Patients with Pulmonary Hypertension.** *Journal of the American Society of Echocardiography*
  Shiran, H., Zamanian, R. T., McConnell, M. V., Liang, D. H., Dash, R., Heidary, S., Sudini, N. L., Wu, J. C., Haddad, F., Yang, P. C.
  2014; 27 (4): 405-412

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