

Stanford



Frank Hanley

Lawrence Crowley, M.D., Endowed Professor in Child Health
Cardiothoracic Surgery

CLINICAL OFFICES

- **Cardiothoracic Surgery**

780 Welch Rd

Falk Bldg CVRC MC 5407

Palo Alto, CA 94304

Tel (650) 724-2925

Fax (650) 725-0707

ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Mary Devega - Administrative Associate

Email mdevega@stanford.edu

Tel (650) 723-0190

Bio

CLINICAL FOCUS

- Cardiac Surgery
- Cardiothoracic Surgery, Pediatric
- Thoracic Surgery

ACADEMIC APPOINTMENTS

- Professor, Cardiothoracic Surgery
- Member, Cardiovascular Institute

HONORS AND AWARDS

- Outstanding Graduating Student in Surgery (Martin J Loeb Award), Tufts Medical School (1978)
- Alpha Omega Alpha medical society, University of California, San Francisco (1986)
- Outstanding Resident Teaching Award, University of California, San Francisco (1986)

3 OF 6

PROFESSIONAL EDUCATION

- Board Certification: Congenital Cardiac Surgery, American Board of Thoracic Surgery (2016)
- Medical Education: Tufts University (1978) MA
- Fellowship: UCSF Medical Center (1988) CA

3 OF 6

LINKS

- Stanford Pediatric Cardiac Services: <http://med.stanford.edu/ctsurgery/clinical-care/pediatric-cardiac-surgery-services.html>
- Make an Appointment: <http://med.stanford.edu/ctsurgery/contact-us.html#division-of-pediatric-cardiac-surgery>
- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Frank L. Hanley, MD, is a professor of cardiothoracic surgery and director of the Children's Heart Center and also directs the pediatric cardiac surgery programs at three satellite surgical sites#Oakland Children's Hospital of Central California in Madera and Sutter Memorial Hospital in Sacramento#making the expertise of Lucile Packard Children's Hospital available to these communities.

His research and clinical work focuses on the development of interventional techniques for fetal and neonatal treatment of congenital heart disease, pulmonary, vascular physiology, and the neurologic impact of open-heart surgery. He developed and pioneered the "unifocalization" procedure, in which a single procedure is used to repair a complex and life-threatening congenital heart defect rather than several staged open-heart surgeries as performed by other surgeons. Currently, Lucile Packard Children's Hospital is a worldwide referral site for patients requiring these procedures.

Hanley earned his BA from Brown University and his MD from Tufts University School of Medicine. He completed a surgical internship at the University of California, San Francisco (UCSF), where he later became chief resident in both general surgery and cardiothoracic surgery and completed a research fellowship at UCSF's Cardiovascular Research Institute. Hanley was a tenured professor and chief of the Division of Cardiothoracic Surgery at UCSF and received the Excellence in Teaching Award in the Department of Surgery in 1994. Prior to joining UCSF, he was on the faculty at Children's Hospital Boston and served as associate professor at Harvard Medical School from 1989 to 1992. He joined the Stanford faculty in 2001 and was appointed the first holder of the Lawrence Crowley, MD, Endowed Professorship in Child Health in December 2004.

Hanley is actively involved in exploring new approaches for the surgical repair of pediatric heart disease and is developing evidence-based guidelines for clinical care. He is a member of many professional societies, including the American Heart Association, the American Association for Thoracic Surgery, the Howard C. Naffziger Surgical Society, and the Society of Thoracic Surgeons. He is a frequently invited guest lecturer, having given more than 75 presentations at regional, national, and international conferences and symposiums, and having published more than 100 peer-reviewed articles and book chapters, and authored or edited three major textbooks.

CLINICAL TRIALS

- Measuring the Amount of Methadone or Morphine in the Blood of Neonates, Infants & Children After Cardiac Surgery., Not Recruiting

Publications

PUBLICATIONS

- **The Role of Microenvironment in Preserving the Potency of Adult Porcine Pulmonary Valve Stem Cells In Vitro** *INTERNATIONAL JOURNAL OF STEM CELLS*
Chalajour, F., Siyahian, A., Hanley, F. L.
2018; 11 (1): 121-+
- **Repair of Ductus or Hemi-Truncus to One Lung and Major Aortopulmonary Collaterals to the Other Lung.** *The Annals of thoracic surgery*
Mainwaring, R. D., Rosenblatt, T. R., Patrick, W. L., Ma, M., Peng, L., Hanley, F. L.
2018
- **Surgical algorithm and results for repair of pulmonary atresia with ventricular septal defect and major aortopulmonary collaterals.** *The Journal of thoracic and cardiovascular surgery*
Mainwaring, R. D., Patrick, W. L., Roth, S. J., Kamra, K., Wise-Faberowski, L., Palmon, M., Hanley, F. L.
2018

3 OF 255