



Jennifer Woo, MD

- Clinical Assistant Professor, Medicine - Cardiovascular Medicine
- Clinical Assistant Professor, Pediatrics - Cardiology

CLINICAL OFFICE (PRIMARY)

- **Adult Congenital Heart Program**

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Bio

BIO

Dr. Woo is a board-certified, fellowship-trained cardiologist with the Adult Congenital Heart Program at Stanford Health Care. She is also a clinical assistant professor in the Divisions of Cardiovascular Medicine and Pediatric Cardiology at Stanford University School of Medicine.

She diagnoses and treats a range of cardiovascular diseases, with a focus on adult congenital heart disease. Dr. Woo has Level III training with the National Board of Echocardiography, a certification that recognizes her experience in complex cardiac imaging. She also has specialized expertise in cardiac MRI. Each of her patients receives a personalized, comprehensive care plan delivered with compassion.

Dr. Woo is heavily involved in adult congenital heart disease research. She has a particular interest in imaging and heart failure in adults with congenital heart disease. She has received grant funding for her work, including from the Adult Congenital Heart Association. The National Institutes of Health awarded granted her the Ruth L. Kirschstein National Research Service Award.

She has published research in several peer-reviewed journals, such as the Journal of the American College of Cardiology and Pediatric Cardiology. Dr. Woo has presented her findings at regional and national meetings, including the Adult Congenital Heart Disease Bay Area Conference and the International Symposium on Adult Congenital Heart Disease.

Dr. Woo is a member of the Adult Congenital Heart Association, American College of Cardiology, American Heart Association, and American Society of Echocardiography.

CLINICAL FOCUS

- Adult Congenital Heart Disease
- Echocardiography
- Cardiac MRI

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine - Cardiovascular Medicine
- Clinical Assistant Professor, Pediatrics - Cardiology
- Member (Postdoc), Cardiovascular Institute
- Member, Maternal & Child Health Research Institute (MCHRI)

HONORS AND AWARDS

- Young Investigator Award, International Society of ACHD (2024)
- Advanced Adult Congenital Heart Disease Fellows Grant, Heartfelt Dreams Foundation (2022)
- Conference Research Award, Caring for Adults and Teens with Congenital Heart Disease (CATCH) (2021)
- Innovation Award, University of California, Los Angeles (UCLA) Women's Cardiovascular Center (2017)
- Code for the Mission Challenge Finalist, UCLA (2016)
- Commendation for Excellence in Medical Student Teaching, UCLA (2015)
- Glasgow-Rubin Award for Academic Achievement, American Medical Women's Association (2014)
- Internal Medicine and Pediatrics Chief Resident, UCLA School of Medicine
- Albert Schweitzer Fellowship, UCLA (2011)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Young Hearts and ACHD Committee Member, American Heart Association (2025 - present)
- Member, ASE Writing Committee on ACHD Echocardiography Guidelines (2023 - present)
- Member, American Heart Association (2022 - present)
- Member, Adult Congenital Heart Association (2021 - present)
- Member, American Society of Echocardiography (2020 - present)
- Member, American College of Cardiology (2018 - present)

PROFESSIONAL EDUCATION

- Medical Education: UCLA David Geffen School Of Medicine (2014) CA
- Board Certification: Adult Congenital Heart Disease, American Board of Internal Medicine (2023)
- Board Certification: Adult Echocardiography, National Board of Echocardiography (2020)
- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (2021)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2018)
- Fellowship, Stanford University Adult Congenital Heart Disease Fellowship Program , CA (2023)
- Fellowship: Stanford University Cardiovascular Medicine Fellowship Program (2021) CA
- Residency: UCLA Medical Center Internal Medicine (2018) CA

Research & Scholarship

RESEARCH INTERESTS

- Curriculum and Instruction

PROJECTS

- Infective Endocarditis- ACHD registry study - Stanford

- Phenotyping the Aging Single Ventricle Population

Publications

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
- **One Ventricle, 3000 Proteins: Unraveling the Molecular Landscape of the Fontan Circulation.** *Journal of the American Heart Association*
Woo, J. P., Opotowsky, A. R.
2025: e042351
- **Exaggerated Pressure Recovery during Pregnancy: A Multimodal Approach to Assessment of Prosthetic Aortic Stenosis Severity.** *CASE (Philadelphia, Pa.)*
Connor, B., Takei, M., Woo, J., Conrad, D., Sharma, R., Lui, G.
2024; 8 (11): 491-495
- **Sex, Age, and Patient Experience in Cardiologist Reviews: A Large-Scale Artificial Intelligence-Enabled Analysis.** *JACC. Advances*
Yang, A., Rodriguez, F., Woo, J. P.
2024; 3 (7): 101046
- **Percutaneous Closure of a Ruptured Sinus of Valsalva Aneurysm under Transesophageal Echocardiography Guidance.** *CASE (Philadelphia, Pa.)*
Li, X. E., McElhinney, D. B., Lui, G. K., Clark, D. E., Woo, J. P.
2024; 8 (3Part A): 186-192
- **Multimodality Imaging in Management of Adults with Dextro-Transposition of the Great Arteries Post Arterial Switch Operation.** *CASE (Philadelphia, Pa.)*
Conrad, D. R., Woo, J. P., Lui, G. K., Clark, D. E.
2024; 8 (3Part A): 162-166
- **Response by Loube et al to Letter Regarding Article "Stroke Caused by a Paradoxical Embolus From a Rare Congenital Anomaly in the Adult: Persistent Left Superior Vena Cava Draining Into the Left Upper Pulmonary Vein".** *Circulation. Cardiovascular imaging*
Loube, D. K., Sreekrishnan, A., Woo, J. P., Shen, J., Collins, R. T., Schwartz, N.
2023; 16 (9): e015862
- **Stroke Caused by a Paradoxical Embolus From a Rare Congenital Anomaly in the Adult: Persistent Left Superior Vena Cava Draining into the Left Upper Pulmonary Vein.** *Circulation. Cardiovascular imaging*
Loube, D. K., Sreekrishnan, A., Woo, J. P., Shen, J., Collins, R. T., Schwartz, N.
2023: e014205
- **Improved Right Ventricular Energy Efficiency by 4-Dimensional Flow Magnetic Resonance Imaging After Harmony Valve Implantation.** *JACC. Advances*
Woo, J. P., Dong, M. L., Kong, F., McElhinney, D. B., Schiavone, N., Chan, F., Lui, G. K., Haddad, F., Bernstein, D., Marsden, A.
2023; 2 (3)
- **High Prevalence of Abnormal Hemoglobin A1c in the Adolescent and Young Adult Fontan Population.** *Pediatric cardiology*
Woo, J. P., Romfh, A., Levin, G., Norris, J., Han, J., Grover, M., Chen, S.
2023
- **Improved Right Ventricular Energy Efficiency by 4-Dimensional Flow Magnetic Resonance Imaging After Harmony Valve Implantation** *JACC:Advances*
Woo, J. P., Dong, M. L., Kong, F., McElhinney, D. B., Schiavone, N., Chan, F., Lui, G. K., Haddad, F., Bernstein, D., Marsden, A.
2023; 2 (3)
- **Tetralogy of Fallot and Aortic Dissection: Implications in Management.** *JACC. Case reports*
Vaikunth, S. S., Chan, J. L., Woo, J. P., Bykhovsky, M. R., Lui, G. K., Ma, M., Romfh, A. W., Lamberti, J., Mastrodicasa, D., Fleischmann, D., Fischbein, M. P.

2022; 4 (10): 581-586

- **The challenges of an aging Tetralogy of Fallot population.** *Expert review of cardiovascular therapy*
Woo, J. P., McElhinney, D. B., Lui, G. K.
2021
- **Early Cardiovascular Health Outreach SMS (ECHOS): A Preventive Health Text Messaging Program Pilot Study** *Journal of Healthcare Communications*
Markaroff, K., Woo, J., Uehisa, K., Branche, K., Press, M., Horwich, T., Watson, K.
2021
- **The Rogue P-wave: Atrial Dissociation Following Bicaval Heart Transplantation.** *The Journal of innovations in cardiac rhythm management*
Huang, W. A., Woo, J. P., Boyle, N. G.
2019; 10 (1): 3472-3475
- **Successful Orthotopic Heart Transplantation in a Patient With Chronic Pancreatitis: Selective Medical and Surgical Considerations.** *Pancreas*
Woo, J. P., Reardon, L. C., Cadeiras, M.
2018; 47 (7): e41-e42
- **Clinical phenomapping and outcomes after heart transplantation** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Bakir, M., Jackson, N. J., Han, S. X., Bui, A., Chang, E., Liem, D. A., Ardehali, A., Ardehali, R., Baas, A. S., Press, M., Cruz, D., Deng, M. C., DePasquale, et al
2018; 37 (8): 956–66
- **The Frontier of Transition Medicine: A Unique Inpatient Model for Transitions of Care.** *Journal of hospital medicine*
Lonquich, B., Woo, J. P., Stutz, M., Agnihotri, N., Kuo, A. A.
2018; 13 (1): 69-70
- **Fevers and abnormal blood and cerebrospinal fluid studies after pediatric cerebral hemispherectomy: impact of etiology and age at surgery.** *Journal of neurosurgery. Pediatrics*
Phung, J., Krogstad, P., Mathern, G. W.
2013; 12 (6): 595-603
- **Etiology associated with developing posthemispherectomy hydrocephalus after resection-disconnection procedures.** *Journal of neurosurgery. Pediatrics*
Phung, J., Krogstad, P., Mathern, G. W.
2013; 12 (5): 469-75
- **Timing and Predictors of Fever and Infection After Craniotomy for Epilepsy in Children** *PEDIATRIC INFECTIOUS DISEASE JOURNAL*
Phung, J., Mathern, G. W., Krogstad, P.
2013; 32 (5): 450–59
- **Epitope-based vaccination against pneumonic tularemia** *VACCINE*
Gregory, S. H., Mott, S., Phung, J., Lee, J., Moise, L., McMurry, J. A., Martin, W., De Groot, A. S.
2009; 27 (39): 5299–5306