

# Stanford

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## Greg Adamson

Clinical Associate Professor, Pediatrics - Cardiology

### CLINICAL OFFICE (PRIMARY)

- **Pediatric Cardiology**

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### Bio

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#### CLINICAL FOCUS

- Interventional Cardiology
- Lymphatic Disease (Chylothorax, Protein-Losing Enteropathies, Plastic Bronchitis, Chylous Ascites)

#### ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Pediatrics - Cardiology
- Member, Maternal & Child Health Research Institute (MCHRI)

#### PROFESSIONAL EDUCATION

- Board Certification: Pediatrics, American Board of Pediatrics (2017)
- Board Certification: Pediatric Cardiology, American Board of Pediatrics (2024)
- Fellowship: Stanford University Pediatric Cardiology Fellowship (2020) CA
- Residency: UCSF Pediatric Residency (2017) CA
- Medical Education: St Louis University School of Medicine (2014) MO

### Research & Scholarship

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#### CLINICAL TRIALS

- Evaluating Pulse Oximetry Bias in Children With Darker Skin Pigmentation, Recruiting
- The Hemodynamic Effects of Vasopressin in Patients With Fontan Physiology, Not Recruiting

### Publications

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#### PUBLICATIONS

- **Refractory Peripheral Pulmonary Stenosis and Severe Pulmonary Arterial Hypertension Associated With a De Novo Loss-of-Function Variant in FGD5.** *Pulmonary circulation*  
Steffes, L. C., Adamson, G. T., Dunn, K. E., Feinstein, J. A.

2026; 16 (1): e70250

- **Programmatic Approach to Outpatient Cardiac Catheterization in Children With Stable Pulmonary Arterial Hypertension.** *Pulmonary circulation*  
Adamson, G. T., Dasgupta, M. N., Kleiman, Z., Peng, L. F., Ogawa, M., Balasubramanian, V., Ramamoorthy, C., Feinstein, J. A.  
2025; 15 (2): e70105
- **Long-Term Outcomes After Pulmonary Valve Repair for Regurgitation Secondary to Prior Intervention.** *World journal for pediatric & congenital heart surgery*  
Ragheb, D. K., Zhang, Y., Jaggi, A., Maskatia, S. A., Adamson, G. T., Lui, G. K., Martin, E., Ma, M., Hanley, F. L., McElhinney, D. B.  
2025: 21501351241305134
- **Interventional Strategies for Children with Progressive Pulmonary Hypertension Despite Optimal Therapy. An Official American Thoracic Society Clinical Practice Guideline.** *American journal of respiratory and critical care medicine*  
Hayes, D. J., Jennerich, A. L., Coleman, R. D., Abston, E., Adamson, G. T., Berger, J. T., Cohen, S. P., Cooper, D. S., Eghtesady, P., Fynn-Thompson, F., Grady, R. M., Hon, S. M., Hoopes, et al  
2024
- **Younger age at initiation of subcutaneous treprostinil is associated with better response in pediatric Group 1 pulmonary arterial hypertension.** *Pulmonary circulation*  
Kochanski, J. J., Feinstein, J. A., Ogawa, M., Ritter, V., Hopper, R. K., Adamson, G. T.  
2024; 14 (1): e12328
- **Current practices for refractory chylothorax following congenital heart surgery.** *Cardiology in the young*  
Adamson, G. T., Winder, M. M., Catton, K. G., Dewitt, A. G., Kozyak, B. W., Glenn, E. T., Bailly, D. K.  
2023: 1-5
- **Acute Hemodynamics in the Fontan Circulation: Open-Label Study of Vasopressin.** *Pediatric critical care medicine : a journal of the Society of Critical Care Medicine and the World Federation of Pediatric Intensive and Critical Care Societies*  
Adamson, G. T., Yu, J., Ramamoorthy, C., Peng, L. F., Taylor, A., Lennig, M., Schmidt, A. R., Feinstein, J. A., Navaratnam, M.  
2023
- **Prediction Model with External Validation for Early Detection of Postoperative Pediatric Chylothorax.** *Pediatric cardiology*  
Moza, R., Winder, M., Adamson, G. T., Ou, Z., Presson, A. P., Vijayarajah, S., Goldstein, S. A., Bailly, D. K.  
2023
- **Role of left atrial hypertension in pulmonary hypertension associated with bronchopulmonary dysplasia** *Frontiers in Pediatrics*  
Sullivan, R. T., Tandel, M. D., Bhombal, S., Adamson, G. T., Boothroyd, D. B., Tracy, M., Moy, A., Hopper, R. K.  
2022: 1012136
- **Development of consensus recommendations for the management of post-operative chylothorax in paediatric CHD.** *Cardiology in the young*  
Lion, R. P., Winder, M. M., Amimovin, R., Fogg, K., Bertrandt, R., Bhaskar, P., Kasmai, C., Holmes, K. W., Moza, R., Vichayavilas, P., Gordon, E. E., Trauth, A., Horsley, et al  
2022: 1-8
- **Risk Factors and Outcomes of Sudden Cardiac Arrest in Pediatric Heart Transplant Recipients.** *American heart journal*  
Hollander, S. A., Barkoff, L., Giacone, H., Adamson, G. T., Kaufman, B. D., Motonaga, K. S., Dubin, A. M., Chubb, H.  
2022
- **Virtual Transcatheter Interventions for Peripheral Pulmonary Artery Stenosis in Williams and Alagille Syndromes.** *Journal of the American Heart Association*  
Lan, I. S., Yang, W., Feinstein, J. A., Kreutzer, J., Collins, R. T., Ma, M., Adamson, G. T., Marsden, A. L.  
2022: e023532
- **Postoperative Acute Kidney Injury in Williams Syndrome Compared With Matched Controls.** *Pediatric critical care medicine : a journal of the Society of Critical Care Medicine and the World Federation of Pediatric Intensive and Critical Care Societies*  
Yokota, R., Kwiatkowski, D. M., Journel, C., Adamson, G. T., Zucker, E., Suarez, G., Lechich, K. M., Chaudhuri, A., Collins, R. T.  
2022
- **Balloon Angioplasty for Pulmonary Artery Stenosis After Complete Unifocalization and Repair of Tetralogy of Fallot With Major Aortopulmonary Collaterals** *JOURNAL OF INVASIVE CARDIOLOGY*  
Long, Z. B., Adamson, G. T., Peng, L. F., Perry, S. B., Wise-Faberowski, L., Hanley, F. L., McElhinney, D. B.

2021; 33 (5): E378-E386

- **To unifocalize or not to unifocalize?: A comparison of retro-esophageal versus anterior collaterals.** *The Annals of thoracic surgery*  
Mainwaring, R. D., Adamson, G., Hanley, F. L.  
2021
- **Alternative to heart-lung transplantation for end-stage tetralogy of Fallot with major aortopulmonary collaterals: Simultaneous heart transplantation and pulmonary artery reconstruction.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*  
Adamson, G. T., Profita, E. L., Quinonez, Z. A., McElhinney, D. B., Rosenthal, D. N., Ma, M. n.  
2021
- **Comprehensive diagnostic catheterization in children with major aortopulmonary collateral arteries: A review of catheterization technique and anatomic nomenclature.** *Catheterization and cardiovascular interventions : official journal of the Society for Cardiac Angiography & Interventions*  
Adamson, G. T., Peng, L. F., Perry, S. B., Hanley, F. L., McElhinney, D. B.  
2021
- **The COAST Is Not Clear: Late Aneurysms and Fractures.** *Circulation. Cardiovascular interventions*  
Adamson, G. T., Lee, K. J.  
2021: CIRCINTERVENTIONS121010886
- **Unilateral branch pulmonary artery origin from a solitary arterial trunk with major aortopulmonary collaterals to the contralateral lung: anatomic and developmental considerations.** *Seminars in thoracic and cardiovascular surgery*  
Adamson, G. T., Houyel, L. n., McElhinney, D. B., Maskatia, S. A., Ma, M. n., Hanley, F. L., Lopez, L. n.  
2020
- **Angiographic Anatomy of Major Aortopulmonary Collateral Arteries and Association With Early Surgical Outcomes in Tetralogy of Fallot.** *Journal of the American Heart Association*  
Adamson, G. T., McElhinney, D. B., Zhang, Y. n., Feinstein, J. A., Peng, L. F., Ma, M. n., Algaze, C. A., Hanley, F. L., Perry, S. B.  
2020: e017981
- **Postoperative Recovery of Left Ventricular Function following Repair of Large Ventricular Septal Defects in Infants.** *Journal of the American Society of Echocardiography : official publication of the American Society of Echocardiography*  
Adamson, G. T., Arunamata, A., Tacy, T. A., Silverman, N. H., Ma, M., Maskatia, S. A., Punn, R.  
2019
- **Secondary repair of incompetent pulmonary valves after previous surgery or intervention: Patient selection and outcomes.** *The Journal of thoracic and cardiovascular surgery*  
Adamson, G. T., McElhinney, D. B., Lui, G., Meadows, A. K., Rigdon, J., Hanley, F. L., Maskatia, S. A.  
2019
- **Transcatheter redirection of hepatic venous blood to treat unilateral pulmonary arteriovenous malformations in a Fontan circulation by short-term total exclusion of the unaffected lung** *CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS*  
Adamson, G. T., Peng, L. F., Lui, G. K., Perry, S. B.  
2019; 93 (4): 660–63
- **Subcutaneous and Intravenous Treprostinil Pharmacokinetics in Children With Pulmonary Vascular Disease.** *Journal of cardiovascular pharmacology*  
Hall, K. n., Ogawa, M. n., Sakarovitch, C. n., Hopper, R. K., Adamson, G. T., Hanna, B. n., Ivy, D. D., Miller-Reed, K. n., Yung, D. n., McCarthy, E. n., Siehr-Handler, S. L., Feinstein, J. A.  
2019; 73 (6): 383–93
- **Pulmonary hemorrhage in children with Alagille syndrome undergoing cardiac catheterization.** *Catheterization and cardiovascular interventions : official journal of the Society for Cardiac Angiography & Interventions*  
Adamson, G. T., Peng, L. F., Feinstein, J. A., Yarlalagadda, V. V., Lin, A. n., Wise-Faberowski, L. n., McElhinney, D. B.  
2019
- **Texting preferences in a Paediatric residency** *CLINICAL TEACHER*  
Draper, L., Kuklinski, C., Ladley, A., Adamson, G., Broom, M.  
2017; 14 (6): 401–6

- **Coarctation Index Predicts Recurrent Aortic Arch Obstruction Following Surgical Repair of Coarctation of the Aorta in Infants.** *Pediatric cardiology*  
Adamson, G., Karamlou, T., Moore, P., Natal-Hernandez, L., Tabbutt, S., Peyvandi, S.  
2017; 38 (6): 1241-1246
- **Text4Peds: Feasibility of an Educational Text-Messaging Program for Pediatrics Residents.** *Journal of graduate medical education*  
Adamson, G. T., Draper, L. R., Broom, M. A.  
2014; 6 (4): 746-749
- **Text Messaging in Medical Education** *PEDIATRICS*  
Broom, M. A., Adamson, G. T., Draper, L. R.  
2014; 133 (3): E491-E493