Stanford



Seda Tierney

Professor of Pediatrics (Cardiology)

Pediatrics - Cardiology

CLINICAL OFFICE (PRIMARY)

- **Heart Center**

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  Palo Alto, CA 94304

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Bio

BIO

I am a pediatric cardiologist specializing in echocardiography and a clinician-scientist with expertise in echocardiographic predictors of outcomes in pediatric cardiology, quality improvement, non-invasive vascular testing, and tele-lifestyle interventions in children. My research in pediatric heart transplant, Fontan, Kawasaki disease, and Marfan syndrome has been funded by the NIH/NHLBI, the American Heart Association, the Marfan Foundation, the Child Health Research Institute at Stanford, and the Cardiovascular Institute at Stanford. Several of these clinical trials have incorporated telehealth approaches, particularly supervised exercise, to understand the impact of exercise on cardiovascular health in children with cardiac conditions. This work has led to national and international research collaborations over the last two decades. Within the Heart Center, I have built several clinical programs and currently lead the Echocardiography Laboratory and Pediatric Vascular Research Laboratory and co-lead the Stanford Pediatric Echo Core Imaging and Translational Research Laboratory (SPECTR).

CLINICAL FOCUS

- Pediatric Cardiology
- Echocardiography
- Marfan Syndrome
- Kawasaki Disease

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Pediatrics - Cardiology
- Member, Cardiovascular Institute
- Member, Wu Tsai Human Performance Alliance
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Medical Director, Echo Laboratory, Lucile Packard Children’s Hospital, Stanford University, (2023- present)
- Professor of Pediatrics, Stanford University, (2022- present)

- Academic Affairs Lead, Pediatric Cardiology, Stanford University, (2021- present)
- Director of Kawasaki Disease Outpatient Program, Heart Center, Lucile Packard Children's Hospital, Stanford University, (2021- present)
- Co-Director of Quality Improvement, Echo Laboratory, Lucile Packard Children's Hospital, Stanford University, (2021-2023)
- Co-Director, Stanford Pediatric Core Imaging and Translational Research (SPECTR) Laboratory, Stanford Children's Health, (2020- present)
- Associate Professor of Pediatrics, Stanford University, (2017-2022)
- Director of Research in the Non-Invasive Imaging Laboratory, Lucile Packard Children's Hospital, Stanford University, (2016-2023)
- Director of Pediatric Vascular Research Laboratory, Lucile Packard Children's Hospital, Stanford University, (2011- present)
- Assistant Professor of Pediatrics (Cardiology), Stanford School of Medicine, (2011-2017)
- Assistant Professor, Harvard School of Medicine, (2009-2011)
- Instructor in Pediatrics, Harvard School of Medicine, (2004-2009)

HONORS AND AWARDS

- Faculty Scholar Award, CHRI Stanford, Stanford University (2017)
- The Marian and Jack Euphrat Distinguished Packard Fellow, For Academic Excellence in the Medical Subspecialty Field of CardiologyStanford University (2021-2024)
- Clinical Science Research Award- Mid Career, Department of Pediatrics, Stanford University, Stanford University (2022)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member at Large, Pediatric Council, American Society of Echocardiography (2021 - 2023)
- Secretary, Board, Society of Pediatric Echocardiography (2022 - present)
- Member at Large, Board of Directors, American Society of Echocardiography (2023 - present)

PROFESSIONAL EDUCATION

- Fellowship: Columbia University (2004) NY
- Medical Education: Istanbul University CMF Medicine (1996) Turkey
- Residency: SUNY - Stony Brook (2000) NY
- Internship: SUNY - Stony Brook (1998) NY
- Board Certification: Pediatric Cardiology, American Board of Pediatrics (2004)

LINKS

- Dr. Tierney's Vascular Research Laboratory: http://med.stanford.edu/pediatricvascularlab.html
- Stanford Pediatric Echo Core Imaging and Translational Research (SPECTR): https://med.stanford.edu/pedcard/patient_care/echo/corelab.html
- RE-ENERGIZE FONTAN: https://med.stanford.edu/pediatricvascularlab/fontan_study.html

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Assessment of vascular health in children by non-invasive modalities

Exercise interventions in children with congenital and acquired heart disease

Use of telehealth to deliver interventions to children with congenital and acquired heart disease

Parentally-acquired echocardiograms

Quality Improvement in Pediatric Echocardiography

Echocardiography and outcomes in congenital heart disease

CLINICAL TRIALS

- Re-Energize Fontan, Recruiting
- Children and Adolescents With Marfan Syndrome: 10,000 Healthy Steps and Beyond, Not Recruiting
- On-Line Intervention to Lower Cardiovascular Risk in Pediatric Heart Transplant Patients, Not Recruiting
- Tele-Clinic Visits in Pediatric Marfan Patients Using Parental Echo: The Future?, Not Recruiting
- Vascular Health and Exercise Performance of Overweight Children, Not Recruiting

Publications

PUBLICATIONS

- **Correction: Incomplete Kawasaki Disease Versus Non-severe Multisystem Inflammatory Syndrome in Children: Distinguishing Features from Contemporaneous Patients.** *Pediatric cardiology*
  Harahsheh, A. S., Farid, P., Gunsaulus, M., Tierney, S., Nowlen, T. T., Pagano, J. J., Dallaire, F., Lee, S., Norozi, K., Orr, W. B., Dionne, A., Elias, M. D., Hicar, et al
  2026

- **Sleep-Disordered Breathing in Pediatric Patients with Congenital Heart Disease**
  Wesley, B., Tierney, S., Kushida, C., Ma, M.
  LIPPINCOTT WILLIAMS & WILKINS.2026: A16195

- **Bicuspid Aortic Valve in Loeys-Dietz Syndrome: Insights from the CLARITY Registry**
  Magnan, R., Prakash, S. K., Yetman, A., Tierney, S., Iannucci, G., Sallee, D., Nees, S., Jones, E. G., Camarda, J., Holmes, K. W., Drant, S., Tunks, R., McBride, et al
  LIPPINCOTT WILLIAMS & WILKINS.2026: A15816

- **Characteristics and Outcomes of Hospitalization for Recurrence of Kawasaki Disease**
  Laird-Gion, J., Manlhiot, C., Mauriello, D., Yamazaki-Nakashimada, M., Jain, S. S., Misra, N., Alsalehi, M., Harahsheh, A. S., Tierney, S.
  LIPPINCOTT WILLIAMS & WILKINS.2026: A8554

- **Exercise Capacity, Muscle Mass, and Quality of Life in Pediatric Patients with Fontan Circulation.** *The Journal of pediatrics*
  Jose, J. T., Bernstein, D., Palaniappan, L., Leonard, M. B., Long, J., Lui, M., Dehoney, J., Olson, I., Myers, J., Schnieder, L., Tierney, S.
  2026: 115379

- **Long noncoding RNA associations with an IFI27-MCEMP1 transcript pattern in Kawasaki disease.** *Frontiers in immunology*
  Liu, F., Xue, X., Han, Z., Jin, B., Li, W., Ozawa, N., Ichikawa, T., Ling, E., Zhao, X., Chubb, H., Ceresnak, S. R., Darmstadt, G. L., McElhinney, et al
  2026; 17: 1882860

- **Incomplete Kawasaki Disease Versus Non-severe Multisystem Inflammatory Syndrome in Children: Distinguishing Features from Contemporaneous Patients.** *Pediatric cardiology*
  Harahsheh, A. S., Gunsaulus, M., Tierney, S., Nowlen, T. T., Pagano, J. J., Dallaire, F., Lee, S., Norozi, K., Orr, W. B., Dionne, A., Elias, M. D., Hicar, M. D., Fabi, et al
  2026

- **Exercise Intolerance After Fontan: Converging Vascular, Muscle Mass, and Metabolic Pathways.** *CJC pediatric and congenital heart disease*
  Lui, M. C., Tierney, S.
  2026; 5 (4): 257

- **Exercise Capacity, Endothelial Function, Muscle Mass, and Strength in Pediatric Patients With Fontan Circulation.** *CJC pediatric and congenital heart disease*

Lui, M. C., Palaniappan, L., Leonard, M. B., Long, J., Dehoney, J., Cooke, J. P., Olson, I., Damase, T. R., Chen, S., Myers, J., Bernstein, D., Tierney, S.
2026; 5 (3): 119-128

- **Long Noncoding RNA Associations Define an Interferon-Myeloid Immune Axis in Kawasaki Disease.** *medRxiv : the preprint server for health sciences*
  Liu, F., Xue, X., Han, Z., Jin, B., Li, W., Ozawa, N., Ichikawa, T., Ling, E., Zhao, X., Chubb, H., Ceresnak, S. R., Darmstadt, G. L., McElhinney, et al
  2026
- **Single Center Retrospective Initiative to Improve Reporting Times of Echocardiograms.** *Pediatric cardiology*
  Ramachandra, R., Thorson, K., Reddy, C. D., Buddhe, S., Tierney, S.
  2026
- **Gender Dysphoria in Adolescents With Heritable Disorders of Connective Tissue: A Case Series.** *Journal of paediatrics and child health*
  Herrmann, J. E., Algaze, C., Wu, M., Tierney, E. S.
  2026
- **Multimodality Approach to Coronary Ischemic Testing in Pediatric Patients: A Scientific Statement From the American Heart Association** *JOURNAL OF THE AMERICAN HEART ASSOCIATION*
  Olivieri, L. J., Lee, S., Chen, M., Dahdah, N., Doan, T. T., Jegatheeswaran, A., Krishnamurthy, R., Selamet Tierney, E., Weber, E. M., Rao, A., Amer Heart Assoc Council Lifelong Congenital Heart Dis & Heart Hlth, Council Cardiovasc & Stroke Nursing
  2026; 15 (8): e047790
- **Understanding the Biopsychosocial Landscape of Adults With Congenital Heart Disease.** *CJC pediatric and congenital heart disease*
  Tierney, S.
  2026; 5 (2): 104-106
- **Diastolic Function Unchanged After Lifestyle Intervention Despite Improved VO2 in Pediatric Heart Transplant Patients.** *Pediatric cardiology*
  Brennan, A., Mardy, C., Punn, R., Tierney, S.
  2026
- **Did the COVID-19 pandemic change the Kawasaki disease phenotype? Observations from the International Kawasaki Disease Registry.** *Pediatric cardiology*
  Raghuveer, G., Coffee, M., Dahdah, N., Harahsheh, A. S., Dionne, A., Portman, M. A., Nowlen, T. T., Pagano, J. J., Gunsaulus, M., Wehrmann, M., Tierney, S., Fabi, M., Lee, et al
  2026
- **Gastrointestinal Symptoms in Kawasaki Disease and Multisystem Inflammatory Syndrome in Children.** *Pediatric cardiology*
  Fabi, M., Harahsheh, A. S., Raghuveer, G., Wehrmann, M., Portman, M. A., Dahdah, N., Sabati, A. A., Misra, N., Yamazaki-Nakashimada, M. A., Khoury, M., Jain, S. S., Sundaram, B., Orr, et al
  2026
- **2026 Heart Disease and Stroke Statistics: A Report of US and Global Data From the American Heart Association.** *Circulation*
  Palaniappan, L. P., Allen, N. B., Almarzooq, Z. I., Anderson, C. A., Arora, P., Avery, C. L., Baker-Smith, C. M., Bansal, N., Currie, M. E., Earlie, R. S., Fan, W., Fetterman, J. L., Barone Gibbs, et al
  2026
- **Transcatheter Closure of a Residual Mid-Leaflet Mitral Valve Cleft With a Siege Vascular Plug.** *Catheterization and cardiovascular interventions : official journal of the Society for Cardiac Angiography & Interventions*
  Hunter-Adamson, L., Tierney, S., Beach, S., McElhinney, D. B.
  2026
- **ACR Appropriateness Criteria® Thoracic Venous Occlusions-Suspected Superior Vena Cava Syndrome.** *Journal of the American College of Radiology : JACR*
  Bhave, A. D., Franssen, N., Khaja, M. S., Kokabi, N., Browne, W. F., Chamarthy, M. R., Contrella, B. N., Kapoor, B. S., Keefe, N. A., Khan Suheb, M. Z., Kim, K. M., Lahiri, J., Obi, et al
  2026; 23 (1): 159-169
- **AI learning for pediatric right ventricular assessment: development and validation across multiple centers.** *NPJ digital medicine*
  Reddy, C., Yan, Y., Qiu, M., Tang, Y., Jin, B., Han, Z., Li, Y., Zhou, S., Tang, Q., Xiao, H., Yang, S., Wen, Q., Wu, et al
  2025; 8 (1): 752

- **Left Atrial Mechanics in Isolated Total Anomalous Pulmonary Venous Connection After Repair.** *Journal of the American Society of Echocardiography : official publication of the American Society of Echocardiography*
  Brennan, A., Tierney, S., Thorson, K., Ma, M., Ho, D. Y., Martin, E., Punn, R.
  2025
- **Systolic Performance of the Single Ventricle, Exercise Capacity, and Endothelial Function in Pediatric Fontan Patients.** *American heart journal*
  Gallegos, F. N., Bernstein, D., Punn, R., Long, J., Stauffer, K. J., Thorson, K., Chen, S., Lui, M. C., Olson, I., Myers, J., Palaniappan, L., Tierney, S.
  2025
- **Systemic Arterial Aneurysms in Kawasaki Disease: An Important Evidence Gap.** *Pediatric cardiology*
  Orr, W. B., Fabi, M., Khoury, M., Dallaire, F., Thacker, D., Elias, M. D., Choueiter, N. F., Lang, S. M., Dahdah, N., Harahsheh, A. S., Nowlen, T. T., Alsalehi, M., Misra, et al
  2025
- **Vascular effects of a hypertensive disorder of pregnancy antepartum and postpartum: The EPOCH study.** *American journal of obstetrics & gynecology MFM*
  Hlatky, M. A., Mayo, J. A., Tierney, S., Miller, H. E., Sedan, O., Stefanick, M. L., Melbye, M., Boyd, H. A., Stevenson, D. K., Shaw, G. M., Winn, V. D.
  2025: 101692
- **Family functioning and health-related quality of life in children and young adults with Marfan syndrome.** *Quality of life research : an international journal of quality of life aspects of treatment, care and rehabilitation*
  Crafts, L. S., Sleeper, L. A., Uzark, K., Atz, A. M., Bradley, T. J., Cappella, E., Fettig, V., Groh, G. K., Hamstra, M. S., Hartje-Dunn, C., Levine, J. C., Lindsay, I., Olson, et al
  2025
- **ICU Admission Prediction for Patients With Kawasaki Disease or MIS-C Using Machine Learning.** *JACC. Advances*
  Woo, J., Mosier, R., Mukherjee, R., Harahsheh, A. S., Jain, S. S., Raghuveer, G., Sundaram, B., Lee, S., Portman, M. A., Dahdah, N., Fabi, M., Nowlen, T. T., Dionne, et al
  2025; 4 (3): 101621
- **Diagnostic Accuracy Prior to CongenitalHeart Defect Surgery: A Multicenter Collaboration.** *JACC. Advances*
  Natarajan, S. S., Chaszczewski, K., Penney, C., Ampah, S., Ryba, D., Kennedy, A. T., Olsen, R., Srivastava, S., Campbell, M. J., Carney, M., Prospero, C., Elliott, L., Brewer, et al
  2025; 4 (2): 101558
- **Factors Associated with Shock at Presentation in Kawasaki Disease Versus Multisystem Inflammatory Syndrome in Children Associated with COVID-19.** *The Canadian journal of cardiology*
  Jain, S. S., Harahsheh, A. S., Lee, S., Raghuveer, G., Dahdah, N., Khoury, M., Portman, M. A., Wehrmann, M., Sabati, A. A., Fabi, M., Thacker, D., Misra, N., Hicar, et al
  2024
- **Variation in the management and treatment of children with giant coronary artery aneurysm following Kawasaki disease.** *Cardiology in the young*
  Chen, M., Dionne, A., Choueiter, N. F., Harahsheh, A. S., Tierney, S., Navarro Castellanos, I., Dahdah, N.
  2024: 1-8
- **Cardiology Consult for the General Pediatrician after Cardiac Manifestations from a SARS-CoV-2 Infection.** *Current pediatric reviews*
  Amdani, S., Altman, C. A., Chowdhury, D., Ronai, C., Soma, D., Archer, J. M., Tierney, S., Renno, M. S., Miller, J., Nguyen, Q., Glickstein, J. S., Orr, W. B.
  2024
- **Addressing Disparities in Pediatric Congenital Heart Disease: A Call for Equitable Health Care.** *Journal of the American Heart Association*
  Chowdhury, D., Elliott, P. A., Asaki, S. Y., Amdani, S., Nguyen, Q. T., Ronai, C., Tierney, S., Levy, V. Y., Puri, K., Altman, C. A., Johnson, J. N., Glickstein, J. S.
  2024: e032415
- **Mental Health Care for Children with Heart Disease and Their Families: Practical Approaches and Considerations for the Pediatric and Pediatric Cardiology Clinician.** *Pediatric cardiology*
  McCormick, A. D., Puri, K., Asaki, S. Y., Amdani, S., Chowdhury, D., Glickstein, J. S., Tierney, S., Ibeziako, P., Cousino, M. K., Ronai, C.
  2024

- **Bilateral Ductus Arteriosus With Anomalous Origin of the Right Pulmonary Artery and Coarctation oftheAorta.** *JACC. Case reports*
  Issapour, A., Gallegos, F. N., Taylor, A. C., Martin, E., Tierney, S.
  2024; 29 (8): 102304
- **Vascular health years after a hypertensive disorder of pregnancy: The EPOCH Study.** *American heart journal*
  Miller, H. E., Tierney, S., Stefanick, M. L., Mayo, J. A., Sedan, O., Rosas, L. G., Melbye, M., Boyd, H. A., Stevenson, D. K., Shaw, G. M., Winn, V. D., Hlatky, M. A.
  2024
- **Echogenomics: Echocardiography in Heritable Aortopathies.** *Current cardiology reports*
  Hunter-Adamson, L., Tierney, S.
  2024
- **Cardiac Biomarkers Aid in Differentiation of Kawasaki Disease from Multisystem Inflammatory Syndrome in Children Associated with COVID-19.** *Pediatric cardiology*
  Walton, M., Raghuveer, G., Harahsheh, A., Portman, M. A., Lee, S., Khoury, M., Dahdah, N., Fabi, M., Dionne, A., Harris, T. H., Choueiter, N., Garrido-Garcia, L. M., Jain, et al
  2023
- **Obesity and Outcomes of Kawasaki Disease and COVID-19-Related Multisystem Inflammatory Syndrome in Children.** *JAMA network open*
  Khoury, M., Harahsheh, A. S., Raghuveer, G., Dahdah, N., Lee, S., Fabi, M., Selamet Tierney, E. S., Portman, M. A., Choueiter, N. F., Elias, M., Thacker, D., Dallaire, F., Orr, et al
  2023; 6 (12): e2346829
- **Maternal Diabetes and Cardiovascular Health in the Offspring.** *Pediatric cardiology*
  Jodah, R., Arunamata, A., Kipps, A. K., Chen, S., Stauffer, K. J., Selamet Tierney, E. S.
  2023
- **Outpatient Pediatric Cardiology Follow-Up of Patients with Multisystem Inflammatory Syndrome in Children (MIS-C): A Single-Institution, Medium-Term Follow-Up Study.** *Pediatric cardiology*
  Jose, J. T., Tierney, E. S.
  2023
- **Kawasaki Disease in the Time of COVID-19 and MIS-C - The International Kawasaki Disease Registry.** *The Canadian journal of cardiology*
  Harahsheh, A. S., Shah, S., Dallaire, F., Manlhiot, C., Khoury, M., Lee, S., Fabi, M., Mauriello, D., Selamet Tierney, E. S., Sabati, A. A., Dionne, A., Dahdah, N., Choueiter, et al
  2023
- **Design and Rationale of RE-ENERGIZE FONTAN: RandomizEd Exercise iNtERvention desiGned to maximIZE fitness in FONTAN patients.** *American heart journal*
  Tierney, E. S., Palaniappan, L., Leonard, M., Long, J., Myers, J., Dávila, T., Lui, M. C., Kogan, F., Olson, I., Punn, R., Desai, M., Schneider, L. M., Wang, et al
  2023
- **COVID-19 Positive Versus Negative Complete Kawasaki Disease: A Study from the International Kawasaki Disease Registry.** *Pediatric cardiology*
  Jose, J., Tierney, E. S., Harahsheh, A. S., Dahdah, N., Raghuveer, G., Friedman, K. G., Khoury, M., Hicar, M. D., Merves, S. A., Dallaire, F., Farid, P., Manlhiot, C., Runeckles, et al
  2023: 1-9
- **Emerging Insights into the Pathophysiology of Multi-system Inflammatory Syndrome in Children Associated with COVID-19.** *The Canadian journal of cardiology*
  Lin, J., Harahsheh, A. S., Raghuveer, G., Jain, S., Chouieter, N. F., Garrido-Garcia, L. M., Dahdah, N., Portman, M. A., Misra, N., Khoury, M., Fabi, M., Elias, M. D., Dionne, et al
  2023
- **Outpatient monitoring of patients with multisystem inflammatory syndrome (MIS-C): A mini review.** *Frontiers in pediatrics*
  Jose, J. T., Selamet Tierney, E. S.
  2022; 10: 1069632
- **Can 10 000 Healthy Steps a Day Slow Aortic Root Dilation in Pediatric Patients With Marfan Syndrome?** *Journal of the American Heart Association*

Selamet Tierney, E. S., Chung, S., Stauffer, K. J., Brabender, J., Collins, R. T., Folk, R., Li, W., Murthy, A. K., Murphy, D. J., Esfandiarei, M.
2022: e027598

- **Quality Improvement in a Pediatric Echocardiography Laboratory: A Collaborative Process.** *Children (Basel, Switzerland)*
  Sganga, D., Behera, S., Beattie, M. J., Stauffer, K. J., Burlinson, A., Lopez, L., Tierney, E. S.
  2022; 9 (12)
- **Paediatrician's guide to post-operative care for biventricular CHD: a review.** *Cardiology in the young*
  Arthur, L., Renno, M. S., Altman, C. A., Batlivala, S. P., Glickstein, J., Johnson, J. N., Miller, J. R., Nguyen, Q., Selamet Tierney, E. S., Ronai, C.
  2022: 1-7
- **Paediatrician's guide to post-operative care for functionally univentricular CHD: a review.** *Cardiology in the young*
  Ronai, C., Batlivala, S. P., Nguyen, Q., Renno, M. S., Arthur, L., Glickstein, J., Johnson, J. N., Miller, J. R., Altman, C. A., Selamet Tierney, E. S.
  2022: 1-7
- **Minute Stroke Distance is a More Reproducible Measurement Than Cardiac Output in the Assessment of Fetal Ventricular Systolic Function.** *Journal of the American Society of Echocardiography : official publication of the American Society of Echocardiography*
  Sun, H. Y., Selamet Tierney, E. S., Tacy, T. A., Punn, R.
  2022
- **Physicians' Self-reported Exercise Testing and Physical Activity Recommendations in Kawasaki Patients.** *Pediatric cardiology*
  Hansen, K., Grady, S., McCrindle, B. W., Harahsheh, A. S., Elias, M. D., Dahdah, N., Selamet Tierney, E. S.
  2022
- **Association of Acute Anti-inflammatory Treatment With Medium-term Outcomes for Coronary Artery Aneurysms in Kawasaki Disease.** *CJC pediatric and congenital heart disease*
  Friedman, K. G., McCrindle, B. W., Runeckles, K., Dahdah, N., Harahsheh, A. S., Khoury, M., Lang, S., Manlhiot, C., Tremoulet, A. H., Raghuveer, G., Selamet Tierney, E. S., Jone, P., Li, et al
  2022; 1 (4): 174-183
- **Pediatric Heart Network Trial of Losartan vs. Atenolol in Children and Young Adults with Marfan Syndrome: Impact on Prescription Practices.** *Pediatric cardiology*
  Robertson, D. M., Truong, D. T., Cox, D. A., Carmichael, H. L., Ou, Z., Minich, L. L., Williams, R. V., Selamet Tierney, E. S.
  2022
- **Intraoperative epicardial echocardiography or transoesophageal echocardiography in CHD: how much does it matter?** *Cardiology in the young*
  Stauffer, K. J., Brabender, J., Reddy, C. D., Selamet Tierney, E. S., Lopez, L., Maeda, K., Navaratnam, M., Punn, R.
  2022: 1-8
- **Aortic root dilation in adult patients with Marfan syndrome: Does aortic root stiffness matter?** *JTCVS open*
  Cox, K., Oquendo, Y. A., Liang, D., Selamet Tierney, E. S.
  2022; 10: 113-120
- **Exercise Capacity and Training Programs in Paediatric Fontan Patients: A Systematic Review.** *CJC pediatric and congenital heart disease*
  Herrmann, J. E., Selamet Tierney, E. S.
  2022; 1 (3): 108-118
- **Molecular characterization and investigation of the role of genetic variation in phenotypic variability and response to treatment in a large pediatric Marfan syndrome cohort.** *Genetics in medicine : official journal of the American College of Medical Genetics*
  Meester, J. A., Peeters, S., Van Den Heuvel, L., Vandeweyer, G., Fransen, E., Cappella, E., Dietz, H. C., Forbus, G., Gelb, B. D., Goldmuntz, E., Hoskoppal, A., Landstrom, A. P., Lee, et al
  1800
- **Every child with congenital heart disease should be exercising.** *Current opinion in cardiology*
  Hansen, K., Tierney, S.
  2021
- **Nomenclature for Pediatric and Congenital Cardiac Care: Unification of Clinical and Administrative Nomenclature - The 2021 International Paediatric and Congenital Cardiac Code (IPCCC) and the Eleventh Revision of the International Classification of Diseases (ICD-11).** *World journal for pediatric & congenital heart surgery*

Jacobs, J. P., Franklin, R. C., Beland, M. J., Spicer, D. E., Colan, S. D., Walters, H. L., Bailliard, F., Houyel, L., St Louis, J. D., Lopez, L., Aiello, V. D., Gaynor, J. W., Krogmann, et al

2021: 21501351211032919

- **Nomenclature for Pediatric and Congenital Cardiac Care: Unification of Clinical and Administrative Nomenclature - The 2021 International Paediatric and Congenital Cardiac Code (IPCCC) and the Eleventh Revision of the International Classification of Diseases (ICD-11).** *Cardiology in the young*

  Jacobs, J. P., Franklin, R. C., Beland, M. J., Spicer, D. E., Colan, S. D., Walters, H. L., Bailliard, F., Houyel, L., St Louis, J. D., Lopez, L., Aiello, V. D., Gaynor, J. W., Krogmann, et al

  2021; 31 (7): 1057-1188

- **The Impact of Maternal Preeclampsia and Hyperglycemia on the Cardiovascular Health of the Offspring: A Systematic Review and Meta-Analysis.** *American journal of perinatology*

  Hoodbhoy, Z., Mohammed, N., Nathani, K. R., Sattar, S., Chowdhury, D., Maskatia, S., Tierney, S., Hasan, B., Das, J. K.

  2021

- **Tele-Clinic Visits in Pediatric Patients with Marfan Syndrome using Parentally-Acquired Echo.** *The Journal of pediatrics*

  Chen, A. n., Punn, R. n., Collins, R. T., Chen, J. H., Stauffer, K. J., Wang, R. n., Alexander, S. n., MacMillen Lechich, K. n., Murphy, D. J., Chung, S. n., Selamet Tierney, E. S.

  2021

- **Variation in Pharmacological Management of Kawasaki Patients with Coronary Artery Aneurysms.** *The Journal of pediatrics*

  Selamet Tierney, E. S., Runeckles, K., Tremoulet, A. H., Dahdah, N., Portman, M. A., Mackie, A. S., Harahsheh, A. S., Lang, S. M., Choueiter, N. F., Li, J. S., Manlhiot, C., Low, T., Mathew, et al

  2021

- **Risk Factors for Mortality and Circulatory Outcome Among Neonates Prenatally Diagnosed With Ebstein Anomaly or Tricuspid Valve Dysplasia: A Multicenter Study.** *Journal of the American Heart Association*

  Freud, L. R., McElhinney, D. B., Kalish, B. T., Escobar-Diaz, M. C., Komarlu, R., Puchalski, M. D., Jaeggi, E. T., Szwast, A. L., Freire, G., Levasseur, S. M., Kavanaugh-McHugh, A., Michelfelder, E. C., Moon-Grady, et al

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