



## Seda Tierney

Professor of Pediatrics (Cardiology)

Pediatrics - Cardiology

### CLINICAL OFFICE (PRIMARY)

- **Heart Center**

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### Bio

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#### BIO

I am a pediatric cardiologist specialized 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 focusing on pediatric heart transplant, Fontan, Kawasaki Disease, and Marfan Syndrome patients has been funded by the NIH/NHLBI, American Heart Association, Marfan Foundation, Child Health Research Institute at Stanford, and the Cardiovascular Institute at Stanford. Several of these clinical trials included telehealth interventions, particularly exercise interventions, to understand the impact of exercise on cardiovascular health in children with cardiac conditions. This work has resulted in several national and international research collaborations over the last two decades. Within the Heart Center, I have built several clinical programs and I co-lead our QI efforts in the Echo Laboratory.

#### CLINICAL FOCUS

- Pediatric Cardiology
- Echocardiography
- Marfan Syndrome
- Kawasaki Disease

#### ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Pediatrics - Cardiology
- Member, Cardiovascular Institute
- 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 Cardiology Stanford 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](https://med.stanford.edu/pedcard/patient_care/echo/corelab.html)
- RE-ENERGIZE FONTAN: [https://med.stanford.edu/pediatricvascularlab/fontan\\_study.html](https://med.stanford.edu/pediatricvascularlab/fontan_study.html)

## Research & Scholarship

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### 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

## Teaching

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### STANFORD ADVISEES

#### Med Scholar Project Advisor

Riasoya Jodah, Brandon Wesley

## Publications

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### PUBLICATIONS

- **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 of the Aorta.** *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., Raghuvver, 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., Raghuvver, 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., Pun, 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., Raghuvver, 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., Raghuvver, G., Jain, S., Chouietier, 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., Pun, 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., Raghuvver, 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., Pun, 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., Franssen, 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., Pun, 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  
2020; e016684
- **The benefit of exercise in children with congenital heart disease.** *Current opinion in pediatrics*  
Selamet Tierney, E. S.  
2020
- **Cardiac involvement in classical or hypermobile Ehlers-Danlos syndrome is uncommon.** *Genetics in medicine : official journal of the American College of Medical Genetics*  
Paige, S. L., Lechich, K. M., Tierney, E. S., Collins, R. T.  
2020
- **Telehealth in Pediatric Heart Transplant Patients: Exercise, Nutrition, and Parental Imaging.** *Pediatric clinics of North America*  
Chen, A. C., Selamet Tierney, E. S.  
2020; 67 (4): 635–39
- **Healthy Hearts via Live Video Conferencing: An Exercise and Diet Intervention in Pediatric Heart Transplant Patients** *JAHA*  
Chen, A. C., Ramirez, F., Rosenthal, D. N., Couch, S. C., Berry, S., Stauffer, K. J., Brabender, J., McDonald, N., Lee, D., Barkoff, L., Nourse, S. E., Kazmucha, J., Wang, et al  
2020
- **"Echo pause" for postoperative transthoracic echocardiographic surveillance.** *Echocardiography (Mount Kisco, N.Y.)*  
Cox, K., Arunamata, A., Krawczeski, C. D., Reddy, C., Kipps, A. K., Long, J., Roth, S. J., Axelrod, D. M., Hanley, F., Shin, A., Selamet Tierney, E. S.  
2019
- **A Review of Psychosocial Factors of Marfan Syndrome: Adolescents, Adults, Families, and Providers.** *Journal of pediatric genetics*  
Nielsen, C., Ratiu, I., Esfandiarei, M., Chen, A., Selamet Tierney, E. S.  
2019; 8 (3): 109–22
- **Impact of Treatment Modality on Vascular Function in Coarctation of the Aorta: The LOVE-COARCT Study** *JOURNAL OF THE AMERICAN HEART ASSOCIATION*  
Martins, J. D., Zachariah, J., Tierney, E., Uyen Truong, Morris, S. A., Kutty, S., de Ferranti, S. D., Guarino, M., Thomas, B., Oliveira, D., Marinho, A., Antonio, M., Gauvreau, K., et al  
2019; 8 (7)
- **Parental Acquisition of Echocardiographic Images in Pediatric Heart Transplant Patients Using a Handheld Device: A Pilot Telehealth Study** *JOURNAL OF THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY*  
Dykes, J. C., Kipps, A. K., Chen, A., Nourse, S., Rosenthal, D. N., Tierney, E.  
2019; 32 (3): 404–11
- **Absent or Excessive Corpus Luteum Number Is Associated With Altered Maternal Vascular Health in Early Pregnancy** *HYPERTENSION*  
von Versen-Hoeynck, F., Narasimhan, P., Tierney, E., Martinez, N., Conrad, K. P., Baker, V. L., Winn, V. D.  
2019; 73 (3): 680–90
- **Healthy hearts in pediatric heart transplant patients with an exercise and diet intervention via live video conferencing-Design and rationale** *PEDIATRIC TRANSPLANTATION*  
Chen, A. C., Rosenthal, D. N., Couch, S. C., Berry, S., Stauffer, K. J., Brabender, J., McDonald, N., Lee, D., Barkoff, L., Nourse, S. E., Kazmucha, J., Wang, C., Olson, et al  
2019; 23 (1)
- **Comparison of Initial Pediatric Outpatient Echocardiogram Indications between Community and Academic Practice.** *The Journal of pediatrics*  
Balasubramanian, S., Ramirez, F. D., Bui, Y., Selamet Tierney, E. S., Behera, S. K.  
2019
- **Absent or Excessive Corpus Luteum Number Is Associated With Altered Maternal Vascular Health in Early Pregnancy.** *Hypertension (Dallas, Tex. : 1979)*  
von Versen-Hoeynck, F., Narasimhan, P., Selamet Tierney, E. S., Martinez, N., Conrad, K. P., Baker, V. L., Winn, V. D.  
2019; HYPERTENSIONAHA11812046

- **Challenges With Left Ventricular Functional Parameters: The Pediatric Heart Network Normal Echocardiogram Database.** *Journal of the American Society of Echocardiography : official publication of the American Society of Echocardiography*  
Frommelt, P. C., Minich, L. L., Trachtenberg, F. L., Altmann, K. n., Camarda, J. n., Cohen, M. S., Colan, S. D., Dragulescu, A. n., Frommelt, M. A., Johnson, T. R., Kovalchin, J. P., Lin, L. n., Mahgerefteh, et al  
2019
- **Echocardiographic surveillance in children after tetralogy of Fallot repair: Adherence to guidelines?** *International journal of cardiology*  
Annavaajhala, V. n., Valente, A. M., Lopez, L. n., Sachdeva, R. n., Glickstein, J. S., Natarajan, S. S., Buddhé, S. n., Altmann, K. n., Soriano, B. D., Colquitt, J. L., Altman, C. A., Sasaki, N. n., Sakarovitch, et al  
2019
- **Vascular Health of Children Conceived via In Vitro Fertilization.** *The Journal of pediatrics*  
Zhang, W. Y., Selamet Tierney, E. S., Chen, A. C., Ling, A. Y., Fleischmann, R. R., Baker, V. L.  
2019
- **Maternal Vascular Health in Pregnancy and Postpartum After Assisted Reproduction.** *Hypertension (Dallas, Tex. : 1979)*  
von Versen-Höyneck, F. n., Häckl, S. n., Selamet Tierney, E. S., Conrad, K. P., Baker, V. L., Winn, V. D.  
2019: HYPERTENSIONAHA11913779
- **Parental Acquisition of Echocardiographic Images in Pediatric Heart Transplant Patients Using a Handheld Device: A Pilot Telehealth Study.** *Journal of the American Society of Echocardiography : official publication of the American Society of Echocardiography*  
Dykes, J. C., Kipps, A. K., Chen, A., Nourse, S., Rosenthal, D. N., Selamet Tierney, E. S.  
2018
- **Healthy hearts in pediatric heart transplant patients with an exercise and diet intervention via live video conferencing-Design and rationale.** *Pediatric transplantation*  
Chen, A. C., Rosenthal, D. N., Couch, S. C., Berry, S., Stauffer, K. J., Brabender, J., McDonald, N., Lee, D., Barkoff, L., Nourse, S. E., Kazmucha, J., Wang, C. J., Olson, et al  
2018: e13316
- **Frequency of Ventricular Arrhythmias and Other Rhythm Abnormalities in Children and Young Adults With the Marfan Syndrome** *AMERICAN JOURNAL OF CARDIOLOGY*  
Mah, D. Y., Sleeper, L. A., Crosson, J. E., Czosek, R. J., Love, B. A., McCrindle, B. W., Muino-Mosquera, L., Olson, A. K., Pilcher, T. A., Tierney, E., Shah, M. J., Wechsler, S. B., Young, et al  
2018; 122 (8): 1429-1436
- **Rationale and design of Long-term Outcomes and Vascular Evaluation after Successful Coarctation of the Aorta Treatment study** *ANNALS OF PEDIATRIC CARDIOLOGY*  
Martins, J. D., Zachariah, J., Tierney, E., Truong, U., Morris, S. A., Kutty, S., de Ferranti, S. D., Rhodes, J., Antonio, M., Guarino, M., Thomas, B., Oliveira, D., Gauvreau, et al  
2018; 11 (3): 282-96
- **Utility of serial 12-lead electrocardiograms in children with Marfan syndrome.** *Cardiology in the young*  
Arunamata, A. A., Nguyen, C. T., Ceresnak, S. R., Dubin, A. M., Olson, I. L., Murphy, D. J., Selamet Tierney, E. S.  
2018: 1-5
- **Influence of Aortic Stiffness on Aortic-Root Growth Rate and Outcome in Patients With the Marfan Syndrome.** *The American journal of cardiology*  
Selamet Tierney, E. S., Levine, J. C., Sleeper, L. A., Roman, M. J., Bradley, T. J., Colan, S. D., Chen, S., Campbell, M. J., Cohen, M. S., De Backer, J., Heydarian, H., Hoskoppal, A., Lai, et al  
2018; 121 (9): 1094-1101
- **The 2017 Seventh World Congress of Pediatric Cardiology & Cardiac Surgery: week in review: imaging.** *Cardiology in the young*  
Selamet Tierney, E. S.  
2017; 27 (10): 1991-1996
- **Reproducibility of Left Ventricular Dimension Versus Area Versus Volume Measurements in Pediatric Patients With Dilated Cardiomyopathy** *CIRCULATION-CARDIOVASCULAR IMAGING*  
Tierney, E., Hollenbeck-Pringle, D., Lee, C. K., Altmann, K., Dunbar-Masterson, C., Golding, F., Lu, M., Miller, S. G., Molina, K., Natarajan, S., Taylor, C. L., Trachtenberg, F., Colan, et al  
2017; 10 (11)

- **Non-cardiac targets to treat heart failure in children: Anemia, Exercise, Nutrition, Proceedings from the 4th International Conference on Cardiomyopathy in Children, Bethesda, May 17, 2017** *PROGRESS IN PEDIATRIC CARDIOLOGY*  
Kaufman, B. D., Dennis, K., Tierney, S. E.  
2017; 46: 7–10
- **Peripheral Endothelial Function After Arterial Switch Operation for D-looped Transposition of the Great Arteries.** *Pediatric cardiology*  
Sun, H. Y., Stauffer, K. J., Nourse, S. E., Vu, C., Selamet Tierney, E. S.  
2017; 38 (5): 1010-1015
- **Maternal Arterial Stiffness and Fetal Cardiovascular Physiology in Diabetic Pregnancies.** *Ultrasound in obstetrics & gynecology*  
Moodley, S., Arunamata, A., Stauffer, K. J., Nourse, S. E., Chen, A., Quirin, A., Selamet Tierney, E. S.  
2017
- **Acute Treatment for Kawasaki Disease: Challenges for Current and Future Therapies** *JOURNAL OF PEDIATRICS*  
McCrindle, B. W., Tierney, E.  
2017; 184: 7–10
- **Right-Dominant Unbalanced Atrioventricular Septal Defect: Echocardiography in Surgical Decision Making.** *Journal of the American Society of Echocardiography*  
Arunamata, A., Balasubramanian, S., Mainwaring, R., Maeda, K., Selamet Tierney, E. S.  
2017; 30 (3): 216-226
- **Reproducibility of Left Ventricular Dimension Versus Area Versus Volume Measurements in Pediatric Patients With Dilated Cardiomyopathy.** *Circulation. Cardiovascular imaging*  
Selamet Tierney, E. S., Hollenbeck-Pringle, D. n., Lee, C. K., Altmann, K. n., Dunbar-Masterson, C. n., Golding, F. n., Lu, M. n., Miller, S. G., Molina, K. n., Natarajan, S. n., Taylor, C. L., Trachtenberg, F. n., Colan, et al  
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