

**TCH PEDIATRIC CARDIOLOGY FELLOW PUBLICATIONS
(FELLOWSHIP + 2 YEARS POST FELLOWSHIP)
2017-2022**

Adachi I, Spinner JA, Tunuguntla HP, Elias BA, Heinle JS. The miniaturized pediatric continuous-flow device: A successful bridge to heart transplant. *J Heart Lung Transplant.* 2019

Afonso NS, Ninemire MR, Gowda SH, Jump JL, Lantin-Hermoso RL, Johnson KE, Puri K, Hope KD, Kritz E, Achuff BJ, Gurganious L, Bhat PN. Redefining the Relationship: Palliative Care in Critical Perinatal and Neonatal Cardiac Patients. *Children (Basel).* 2021 Jun 25;8(7):548. doi: 10.3390/children8070548. PMID: 34201973; PMCID: PMC8304963.

Aggarwal V, Castellanos D, Becker JA, Edwards LA, Morris SA. Idiopathic congenital right atrial dilation: Fetal presentation. *J Clin Ultrasound.* 2018

Aggarwal V, Dhillon GS, Penny DJ, Gowda ST, Qureshi AM. Drug-Eluting Stents Compared With Bare Metal Stents for Stenting the Ductus Arteriosus in Infants With Ductal-Dependent Pulmonary Blood Flow. *Am J Cardiol.* 2019

Aggarwal V, Imamura M, Acuna C, Cabrera AG. Chromosome 22q11 deletion in a patient with pulmonary atresia, intact ventricular septum, and confluent branch pulmonary arteries. *Cardiol Young.* 2018

Aggarwal V, Mulukutla V, Maskatia S, Justino H, Mullins CE, Qureshi AM. Outcomes after Balloon Pulmonary Valvuloplasty for Critical Pulmonary Stenosis and Incidence of Coronary Artery Fistulas. *Am J Cardiol.* 2018

Aggarwal V, Mulukutla V, Qureshi AM, Justino H. Congenital coronary artery fistula: Presentation in the neonatal period and transcatheter closure. *Congenit Heart Dis.* 2018

Aggarwal V, Petit CJ, Glatz AC, Goldstein BH, Qureshi AM. Stenting of the ductus arteriosus for ductal-dependent pulmonary blood flow-current techniques and procedural considerations. *Congenit Heart Dis.* 2019

Aggarwal V, Sexson-Tejtal K, Lam W, Valdes SO, de la Uz CM, Kim JJ, Miyake CY. The incidence of arrhythmias during exercise stress tests among children with Kawasaki disease: A single-center case series. *Congenit Heart Dis.* 2019

Aggarwal V, Spigel ZA, Hiremath G, Binsalamah Z, Qureshi AM. Current clinical management of dysfunctional bioprosthetic pulmonary valves. *Expert Rev Cardiovasc Ther.* 2020

Aggarwal V, Tume SC, Rodriguez M, Adachi I, Cabrera AG, Tunuguntla H, Qureshi AM. Pulmonary artery pulsatility index predicts prolonged inotrope/pulmonary vasodilator use after implantation of continuous flow left ventricular assist device. *Congenit Heart Dis.* 2019

Agrawal H, Dokania G, Allen HD. Visual Diagnosis: Visual Impairment, Polydactyly, and Obesity: Red Flags in a Child. *Pediatr Rev.* 2018

Agrawal H, Mery CM, Day PE, Sexson Tejtal SK, McKenzie ED, Fraser CD Jr, Qureshi AM, Molossi S. Current practices are variable in the evaluation and management of patients with anomalous aortic origin of a coronary artery: Results of a survey. *Congenit Heart Dis.* 2017

Agrawal H, Mery CM, Krishnamurthy R, Molossi S. Anatomic types of anomalous aortic origin of a coronary artery: A pictorial summary. *Congenit Heart Dis.* 2017

Agrawal H, Mery CM, Sexson Tejtal SK, Fraser CD, McKenzie ED, Qureshi AM, Molossi S. Familial clustering of cardiac conditions in patients with anomalous aortic origin of a coronary artery and myocardial bridges. *Cardiol Young.* 2018

Agrawal H, Molossi S, Alam M, Sexson-Tejtal SK, Mery CM, McKenzie ED, Fraser CD Jr, Qureshi AM. Anomalous Coronary Arteries and Myocardial Bridges: Risk Stratification in Children Using Novel Cardiac Catheterization Techniques. *Pediatr Cardiol.* 2017

Agrawal H, Moodie D, Qureshi AM, Acosta AA, Hernandez JA, Braun MC, Justino H. Interventions in children with renovascular hypertension: A 27-year retrospective single-center experience. <i>Congenit Heart Dis.</i> 2018
Agrawal H, Petit CJ, Miro J, Miranda CD, Kenny D, Justino H. Contralateral Pulmonary Hypertension Following Resuscitation of Unilateral Ductal Origin of a Pulmonary Artery: A Multi-institutional Review. <i>Pediatr Cardiol.</i> 2018
Agrawal H, Qureshi AM, Alam M, Mery CM, Molossi S. Anomalous aortic origin of a coronary artery with an intraseptal course: novel techniques in haemodynamic assessment. <i>BMJ Case Rep.</i> 2018
Agrawal H, Qureshi AM, Justino H. Intentional longitudinal and side-cell stent fractures: Intermediate term follow up. <i>Catheter Cardiovasc Interv.</i> 2018
Agrawal H, Qureshi AM. Cardiac Catheterization in Assessment and Treatment of Kawasaki Disease in Children and Adolescents. <i>Children (Basel).</i> 2019
Agrawal H, Sexson-Tejtel SK, Qureshi AM, Alam M, Masand P, Fraser CD Jr, Molossi S, Mery CM. Aborted Sudden Cardiac Death After Unroofing of Anomalous Left Coronary Artery. <i>Ann Thorac Surg.</i> 2017
Agrawal H, Wright OK, Carberry KE, Sexson Tejtel SK, Mery CM, Molossi S. Family perception of unmet support needs following a diagnosis of congenital coronary anomaly in children: Results of a survey. <i>Congenit Heart Dis.</i> 2017
Alali A, O'Neil E, Anders M, Abella J, Shekerdemian LS, Vogel TP, Sexson Tejtel K, Tume SC. Vasoplegic Shock Represents a Dominant Hemodynamic Profile of Multisystem Inflammatory Syndrome Following COVID-19 in Children and Adolescents. <i>Pediatr Crit Care Med.</i> 2022 Jun 1;23(6):e295-e299. doi: 10.1097/PCC.0000000000002954. Epub 2022 Mar 31. PMID: 35357347; PMCID: PMC9150787.
Alali A, Acosta S, Ahmed M, Spinner J, Akcan-Arikan A, Morris SA, Jain PN. Postoperative physiological parameters associated with severe acute kidney injury after pediatric heart transplant. <i>Pediatr Transplant.</i> 2022 Aug;26(5):e14267. doi: 10.1111/ptr.14267. Epub 2022 Mar 13. PMID: 35279933.
Asaki SY, Orcutt JW, Miyake CY, Justino H, de la Uz CM, Kim JJ, Valdes SO, Qureshi AM. Utility and Safety of Combined Interventional Catheterization and Electrophysiology Procedures in a Children's Hospital. <i>Pacing Clin Electrophysiol.</i> 2017
Awerbach JD, Mallory GB Jr, Kim S, Cabrera AG. Hospital Readmissions in Children with Pulmonary Hypertension: A Multi-Institutional Analysis. <i>J Pediatr.</i> 2018
Backes ER, Afonso NS, Guffey D, Tweddell JS, Tabbutt S, Rudd NA, O'Harrow G, Molossi S, Hoffman GM, Hill G, Heinle JS, Bhat P, Anderson JB, Ghanayem NS. Cumulative comorbid conditions influence mortality risk after staged palliation for hypoplastic left heart syndrome and variants. <i>J Thorac Cardiovasc Surg.</i> 2022 Apr 2:S0022-5223(22)00364-6. doi: 10.1016/j.jtcvs.2022.01.056. Epub ahead of print. PMID: 35599210.
Bauser-Heaton H, Qureshi AM, Goldstein BH, Glatz AC, Nicholson GT, Meadows JJ, Depaolo JS, Aggarwal V, McCracken CE, Mossad EB, Wilson EC, Petit CJ. Use of carotid and axillary artery approach for stenting the patent ductus arteriosus in infants with ductal-dependent pulmonary blood flow: A multicenter study from the congenital catheterization research collaborative. <i>Catheter Cardiovasc Interv.</i> 2020
Beckerman Z, Tunuguntla H, Fraser CD, Adachi I. Cannulation strategy for centrifugal-flow ventricular assist device implantation late after arterial switch operation. <i>Interact Cardiovasc Thorac Surg.</i> 2018
Binsalamah ZM, Lara DA, McKenzie ED. Anomalous origin of the left coronary artery from the right pulmonary artery in a univentricular heart. <i>Cardiol Young.</i> 2017
Binsalamah ZM, Marcano J, Zea-Vera R, Tunuguntla H, Kearney DL, Heinle JS, Fraser CD Jr, Mery CM. Acute humoral rejection in an infant without risk factors after heart transplantation. <i>J Card Surg.</i> 2018

Bonilla-Ramirez C, Saliccioli KB, Qureshi AM, Adachi I, Imamura M, Heinle JS, McKenzie ED, Caldarone CA, Allen HD, Binsalamah ZM.Smaller right pulmonary artery is associated with longer survival time without scimitar vein repair.J Card Surg. 2021
Breatnach CR, Aggarwal V, Al-Alawi K, McMahon CJ, Franklin O, Prendiville T, Oslizlok P, Walsh K, Qureshi AM, Kenny D.Percutaneous axillary artery approach for ductal stenting in critical right ventricular outflow tract lesions in the neonatal period.Catheter Cardiovasc Interv. 2019
Broda CR, Adachi I.Commentary: Fontan assist device support: Road map to "stage 4" palliation.J Thorac Cardiovasc Surg. 2019
Broda CR, Adachi I.Commentary: Mechanical support for the subpulmonary circulation of Fontan physiology-A step in the right direction.J Thorac Cardiovasc Surg. 2019
Broda CR, Cabrera AG, Rossano JW, Jefferies JL, Towbin JA, Chin C, Shamszad P.Cardiac transplantation in children with Down syndrome, Turner syndrome, and other chromosomal anomalies: A multi-institutional outcomes analysis.J Heart Lung Transplant. 2018
Broda CR, Castellanos DA, Pham TDN, Dreyer WJ, Opina AD, Ermis PR, Lam WW.Improvement in Protein-Losing Enteropathy in a Patient With Fontan Circulation After Cardiac Rehabilitation and Prescriptive Exercise.World J Pediatr Congenit Heart Surg. 2020
Broda CR, Downing TE, John AS.Diagnosis and management of the adult patient with a failing Fontan circulation.Heart Fail Rev. 2020
Broda CR, Mulukutla V, Bansal M, Penny DJ, Mullins CE, Qureshi AM.Use of Intracardiac Echocardiography in the Evaluation and Management of Iatrogenic Aortopulmonary Communication After Percutaneous Intervention in Postoperative Patients With Congenital Heart Disease.World J Pediatr Congenit Heart Surg. 2020
Broda CR, Saliccioli KB, Lopez KN, Ermis PR, Moodie DS, Dickerson HA.Outcomes in adults with congenital heart disease and heterotaxy syndrome: A single-center experience.Congenit Heart Dis. 2019
Broda CR, Shugh SB, Parikh RB, Wang Y, Schlingmann TR, Noel CV.Post-operative Assessment of the Arterial Switch Operation: A Comparison of Magnetic Resonance Imaging and Echocardiography.Pediatr Cardiol. 2018
Broda CR, Sriraman H, Wadhwa D, Wang Y, Tunuguntla H, Akcan-Arikan A, Ermis PR, Price JF.Renal dysfunction is associated with higher central venous pressures in patients with Fontan circulation.Congenit Heart Dis. 2018
Broda CR, Taylor DA, Adachi I.Progress in experimental and clinical subpulmonary assistance for Fontan circulation.J Thorac Cardiovasc Surg. 2018
Broda CR.Opportunities for training to advance the care for adults with congenital heart disease with advanced circulatory failure.Congenit Heart Dis. 2019
Bruns AS, Lau PE, Dhillon GS, Hagan J, Kailin JA, Mallory GB, Lohmann P, Olutoye OO, Ruano R, Fernandes CJ.Predictive value of oxygenation index for outcomes in left-sided congenital diaphragmatic hernia.J Pediatr Surg. 2018
Byrne RD, Lahiri S, Bansal M, Jacob B, Stapleton G. Endovascular Repair of a Descending Thoracic Aortic Aneurysm in a Pediatric Patient with Tuberous Sclerosis: A Case Report and Review of the Literature. Pediatr Cardiol. 2022 Jan;43(1):238-243. doi: 10.1007/s00246-021-02717-8. Epub 2021 Sep 1. PMID: 34468774.
Castellanos DA, Lopez KN, Salemi JL, Shamshirsaz AA, Wang Y, Morris SA.Trends in Preterm Delivery among Singleton Gestations with Critical Congenital Heart Disease.J Pediatr. 2020
Castellanos DA, McKenzie ED, Morris SA.Fetal and postnatal echocardiographic imaging of transposition of the great arteries with the aortic valve posterior to the pulmonary valve.Echocardiography. 2019

Castellanos DA, Ocampo EC, Gooden A, Wang Y, Qureshi AM, Heinle JS, Mery CM, Hill GD, Ghanayem NS.Outcomes Associated With Unplanned Interstage Cardiac Interventions After Norwood Palliation. <i>Ann Thorac Surg.</i> 2019
Chen PC, Spinner JA, Heinle JS.Large right ventricular sinusoids in an infant with aorta-left ventricular tunnel and proximal right coronary artery atresia. <i>Cardiol Young.</i> 2018
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Chowdhury D, Hope KD, Arthur LC, Weinberger SM, Ronai C, Johnson JN, Snyder CS.Telehealth for Pediatric Cardiology Practitioners in the Time of COVID-19. <i>Pediatr Cardiol.</i> 2020
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Colquitt JL, Loar RW, Morris SA, Feagin DK, Sami S, Pignatelli RH.Serial Strain Analysis Identifies Hypoplastic Left Heart Syndrome Infants at Risk for Cardiac Morbidity and Mortality: A Pilot Study. <i>J Am Soc Echocardiogr.</i> 2019
Colquitt JL, Wilkinson JC, Liu AM, Pignatelli RH, Loar RW. Single systemic right ventricle longitudinal strain: Intravendor reproducibility and intervender agreement in children. <i>Echocardiography.</i> 2021 Mar;38(3):402-409. doi: 10.1111/echo.14985. Epub 2021 Feb 1. PMID: 33523543.
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Dhillon GS, Lasa JJ, Aggarwal V, Checchia PA, Bavare AC.Cardiac Arrest in the Pediatric Cardiac ICU: Is Medical Congenital Heart Disease a Predictor of Survival? <i>Pediatr Crit Care Med.</i> 2019
Dhillon GS, Maskatia SA, Loar RW, Colquitt JL, Mehollin-Ray AR, Ruano R, Belfort MA, Olutoye OO, Kailin JA.The impact of fetal endoscopic tracheal occlusion in isolated left-sided congenital diaphragmatic hernia on left-sided cardiac dimensions. <i>Prenat Diagn.</i> 2018
Dhillon GS, Qureshi AM.Heart in a Heart. <i>JACC Cardiovasc Interv.</i> 2017
Doan TT, Molossi S, Qureshi AM, McKenzie ED.Intraseptal Anomalous Coronary Artery With Myocardial Infarction: Novel Surgical Approach. <i>Ann Thorac Surg.</i> 2020
Doan TT, Molossi S, Sachdeva S, Wilkinson JC, Loar RW, Weigand JD, Schlingmann TR, Reaves-O'Neal DL, Pednekar AS, Masand P, Noel CV.Dobutamine stress cardiac MRI is safe and feasible in pediatric patients with anomalous aortic origin of a coronary artery (AAOCA). <i>Int J Cardiol.</i> 2021
Doan TT, Qasim A, Kearney D, Imamura M, Kyle W.Congenital Aortic Insufficiency From an Abnormal Left Aortic Cusp Results in Acute Coronary Syndrome. <i>World J Pediatr Congenit Heart Surg.</i> 2020

Doan TT, Qureshi AM, Sachdeva S, Noel CV, Reaves-O'Neal D, Molossi S. Beta-Blockade in Intraseptal Anomalous Coronary Artery With Reversible Myocardial Ischemia. <i>World J Pediatr Congenit Heart Surg.</i> 2021
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Doan TT, Wilkinson JC, Agrawal H, Molossi S, Alam M, Mery CM, Qureshi AM. Instantaneous Wave-Free Ratio (iFR) Correlates With Fractional Flow Reserve (FFR) Assessment of Coronary Artery Stenoses and Myocardial Bridges in Children. <i>J Invasive Cardiol.</i> 2020
Doan TT, Wilkinson JC, Loar RW, Pednekar AS, Masand PM, Noel CV. Regadenoson Stress Perfusion Cardiac Magnetic Resonance Imaging in Children With Kawasaki Disease and Coronary Artery Disease. <i>Am J Cardiol.</i> 2019
Doan TT, Zea-Vera R, Agrawal H, Mery CM, Masand P, Reaves-O'Neal DL, Noel CV, Qureshi AM, Sexson-Tejtel SK, Fraser CD Jr, Molossi S. Myocardial Ischemia in Children With Anomalous Aortic Origin of a Coronary Artery With Intraseptal Course. <i>Circ Cardiovasc Interv.</i> 2020
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Fick TA, Morris SA, Tume SC, Stafford TD, Aagaard K, Schady D, Molossi S. Fulminant Enteroviral Myocarditis in a Newborn Accompanying Maternal SARS-CoV-2 Infection. <i>World J Pediatr Congenit Heart Surg.</i> 2021
Fick TA, Scott DA, Lupo PJ, Weigand J, Morris SA. The frequency and efficacy of genetic testing in individuals with scimitar syndrome. <i>Cardiol Young.</i> 2022 Apr;32(4):550-557. doi: 10.1017/S1047951121002535. Epub 2021 Jul 2. PMID: 34210367; PMCID: PMC8988429.
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Transplant Populations: Supporting Patients, Families and Their Clinical Teams. <i>Children (Basel)</i> . 2021 Jun 2;8(6):468. doi: 10.3390/children8060468. PMID: 34199474; PMCID: PMC8228348.
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