

FDA Core Lab Publications

[3-Year Outcomes of the Edwards SAPIEN Transcatheter Heart Valve for Conduit Failure in the Pulmonary Position From the COMPASSION Multicenter Clinical Trial.](#)

Kenny D, Rhodes JF, Fleming GA, Kar S, Zahn EM, Vincent J, **Shirali GS**, Gorelick J, Fogel MA, Fahey JT, Kim DW, Babaliaros VC, Armstrong AK, Hijazi ZM. JACC Cardiovasc Interv. 2018 Oct 8;11(19):1920-1929. doi: 10.1016/j.jcin.2018.06.001.

[Congenital Pulmonic Valve Dysfunction Treated With SAPIEN 3 Transcatheter Heart Valve \(from the COMPASSION S3 Trial\).](#)

Lim DS, Kim D, Aboulhosn J, Levi D, Fleming G, Hainstock M, Sommer R, Torres AJ, Zhao Y, **Shirali G**, Babaliaros V. Am J Cardiol. 2023 Mar 1;190:102-109. doi: 10.1016/j.amjcard.2022.12.010. Epub 2023 Jan 4. PMID: 36608435

[Alterra Adaptive Presept and SAPIEN 3 THV for Congenital Pulmonic Valve Dysfunction: An Early Feasibility Study.](#)

Shahanavaz S, Balzer D, Babaliaros V, Kim D, Dimas V, Veeram Reddy SR, Leipsic J, Blanke P, **Shirali G**, Parthiban A, Gorelick J, Zahn EM. JACC Cardiovasc Interv. 2020 Nov 9;13(21):2510-2524. doi: 10.1016/j.jcin.2020.06.039. Epub 2020 Oct 14. PMID: 33069657

[Multicenter Pivotal Study of the Alterra Adaptive Presept for the Treatment of Pulmonary Regurgitation.](#)

Dimas VV, Babaliaros V, Kim D, Lim DS, Morgan G, Jones TK, Armstrong AK, Berman D, Aboulhosn J, Mahadevan VS, Gillespie MJ, Balzer D, Zellers T, Yu X, **Shirali G**, Parthiban A, Leipsic J, Blanke P, Zahn E, Shahanavaz S. JACC Cardiovasc Interv. 2024 Oct 14;17(19):2287-2297. doi: 10.1016/j.jcin.2024.07.036. PMID: 39415386

[Speckle-Tracking Echocardiographic Measures of Right Ventricular Function Correlate With Improvement in Exercise Function After Percutaneous Pulmonary Valve Implantation.](#)

Chowdhury SM, Hijazi ZM, Fahey JT, Rhodes JF, Kar S, Makkar R, Mullen M, Cao QL, **Shirali GS**. J Am Soc Echocardiogr. 2015 Sep;28(9):1036-44. doi: 10.1016/j.echo.2015.05.010. Epub 2015 Jun 24. PMID: 26117295

[Changes in speckle tracking echocardiography measures of ventricular function after percutaneous implantation of the Edwards SAPIEN transcatheter heart valve in the pulmonary position.](#)

Chowdhury SM, Hijazi ZM, Rhodes JF, Kar S, Makkar R, Mullen M, Cao QL, Mandinov L, Buckley J, Pietris NP, **Shirali GS**. Echocardiography. 2015 Mar;32(3):461-9. doi: 10.1111/echo.12700. Epub 2014 Jul 22. PMID: 2504706

[Early echocardiographic changes after percutaneous implantation of the Edwards SAPIEN transcatheter heart valve in the pulmonary position.](#)

Chowdhury SM, Hijazi ZM, Rhodes J, Kar S, Makkar R, Mullen M, Cao QL, King L, Akin J, **Shirali G**. Echocardiography. 2013 Aug;30(7):786-93. doi: 10.1111/echo.12147. Epub 2013 Feb 22. PMID: 23432507

[Multicenter Pivotal Study of the Alterra Adaptive Presept for the Treatment of Pulmonary Regurgitation.](#)

Dimas VV, Babaliaros V, Kim D, Lim DS, Morgan G, Jones TK, Armstrong AK, Berman D, Aboulhosn J, Mahadevan VS, Gillespie MJ, Balzer D, Zellers T, Yu X, **Shirali G**, Parthiban A, Leipsic J, Blanke P, Zahn E, Shahanavaz S. JACC Cardiovasc Interv. 2024 Oct 14;17(19):2287-2297. doi: 10.1016/j.jcin.2024.07.036. PMID: 39415386

[Transcatheter Pulmonary Valve Implantation With the Alterra Adaptive Presept and SAPIEN 3 Transcatheter Heart Valve: 3-Year Pooled Outcomes of the ALTERRA Trials.](#)

Torres AJ, Dimas VV, Shahanavaz S, Balzer D, Morgan G, Lim DS, Armstrong AK, Berman D, Babaliaros V, Kim D, Gillespie MJ, Sommer R, Aboulhosn J, Jones TK, Mahadevan VS, Stapleton G, Ma Y, **Shirali G**, Parthiban A, Blanke P, Leipsic J, Zahn E. Circ Cardiovasc Interv. 2026 Feb 9:e015873. doi: 10.1161/CIRCINTERVENTIONS.125.015873. PMID: 41657206

[Percutaneous implantation of the Edwards SAPIEN transcatheter heart valve for conduit failure in the pulmonary position: early phase 1 results from an international multicenter clinical trial.](#)

Kenny D, Hijazi ZM, Kar S, Rhodes J, Mullen M, Makkar R, **Shirali G**, Fogel M, Fahey J, Heitschmidt MG, Cain C. J Am Coll Cardiol. 2011 Nov 15;58(21):2248-56. doi: 10.1016/j.jacc.2011.07.040. PMID: 22078433

Innovation/Consensus Documents

[Three-dimensional Echocardiography in Congenital Heart Disease: An Expert Consensus Document from the European Association of Cardiovascular Imaging and the ASE.](#)

Simpson J, Lopez L, Acar P, Friedberg MK, Khoo NS, Ko HH, Marek J, Marx G, McGhie JS, Meijboom F, Roberson D, Van den Bosch A, Miller O, **Shirali G**. J Am Soc Echocardiogr. 2017 Jan;30(1):1-27. doi: 10.1016/j.echo.2016.08.022. PMID: 27838227

[American Society of Echocardiography Cardiovascular Technology and Research Summit: a roadmap for 2020.](#)

Pellikka PA, Douglas PS, Miller JG, Abraham TP, Baumann R, Buxton DB, Byrd BF 3rd, Chen P, Cook NL, Gardin JM, Hansen G, Houle HC, Husson S, Kaul S, Klein AL, Lang RM, Leong-Poi H, Lopez H, Mahmoud TM, Maslak S, McCulloch ML, Metz S, Nagueh SF, Pearlman AS, Pibarot P, Picard MH, Porter TR, Prater D, Rodriguez R, Sarano ME, Scherrer-Crosbie M, **Shirali GS**, Sinusas A, Slosky JJ, Sugeng L, Tatpati A, Villanueva FS, von Ramm OT, Weissman NJ, Zamani S. J Am Soc Echocardiogr. 2013 Apr;26(4):325-38. doi: 10.1016/j.echo.2013.02.003. PMID: 23537771

[Three-dimensional echocardiography in congenital heart disease.](#)

Shirali GS. Echocardiography. 2012 Feb;29(2):242-8. doi: 10.1111/j.1540-8175.2011.01612.x. PMID: 22283204

[EAE/ASE recommendations for image acquisition and display using three-dimensional echocardiography.](#)

Lang RM, Badano LP, Tsang W, Adams DH, Agricola E, Buck T, Faletra FF, Franke A, Hung J, de Isla LP, Kamp O, Kasprzak JD, Lancellotti P, Marwick TH, McCulloch ML, Monaghan MJ, Nihoyannopoulos P, Pandian NG, Pellikka PA, Pepi M, Roberson DA, Shernan SK, **Shirali GS**, Sugeng L, Ten Cate FJ, Vannan MA, Zamorano JL, Zoghbi WA; ASE & EAE. J Am Soc Echocardiogr. 2012 Jan;25(1):3-46. doi: 10.1016/j.echo.2011.11.010. PMID: 22183020

[Initial experience with a miniaturized multiplane transesophageal probe in small infants undergoing cardiac operations.](#)

Zyblewski SC, **Shirali GS**, Forbus GA, Hsia TY, Bradley SM, Atz AM, Cohen MS, Graham EM. Ann Thorac Surg. 2010 Jun;89(6):1990-4. doi: 10.1016/j.athoracsur.2010.01.088. PMID: 2049406

[An intensive interactive course for 3D echocardiography: is 'crop till you drop' an effective learning strategy?](#)

Jenkins C, Monaghan M, **Shirali G**, Guraraja R, Marwick TH. Eur J Echocardiogr. 2008 May;9(3):373-80. doi: 10.1016/j.euje.2007.06.011. PMID: 17693137.

[Guidelines and standards for performance of a pediatric echocardiogram: a report from the Task Force of the Pediatric Council of the American Society of Echocardiography.](#)

Lai WW, Geva T, **Shirali GS**, Frommelt PC, Humes RA, Brook MM, Pignatelli RH, Rychik J; Task Force of the Pediatric Council of the American Society of Echocardiography; Pediatric Council of the American Society of Echocardiography. J Am Soc Echocardiogr. 2006 Dec;19(12):1413-30. doi: 10.1016/j.echo.2006.09.001. PMID: 1713802

[Examination protocol for three-dimensional echocardiography.](#)

Nanda NC, Kisslo J, Lang R, Pandian N, Marwick T, **Shirali G**, Kelly G. Echocardiography. 2004 Nov;21(8):763-8. doi: 10.1111/j.0742-2822.2004.218001.x. PMID: 15546381

[Guidelines for Performing a Comprehensive Pediatric Transthoracic Echocardiogram: Recommendations From the American Society of Echocardiography.](#)

Lopez L, Saurers DL, Barker PCA, Cohen MS, Colan SD, Dwyer J, **Forsha D**, Friedberg MK, Lai WW, Printz BF, Sachdeva R, Soni-Patel NR, Truong DT, Young LT, Altman CA. J Am Soc Echocardiogr. 2024 Feb;37(2):119-170. doi: 10.1016/j.echo.2023.11.015. PMID: 38309834

[Guidelines for the Standardization of Adult Echocardiography Reporting: Recommendations From the American Society of Echocardiography.](#)

Taub CC, Stainback RF, Abraham T, **Forsha D**, Garcia-Sayan E, Hill JC, Hung J, Mitchell C, Rigolin VH, Sachdev V, Sengupta PP, Sorrell VL, Strom J. J Am Soc Echocardiogr. 2025 Sep;38(9):735-774. doi: 10.1016/j.echo.2025.06.001. PMID: 40912865

[Intervendor Agreement for Right Ventricular Global Longitudinal Strain in Children.](#)

Aly D, Ramlogan S, **France R**, Schmidt S, Hinzman J, Sherman A, Goudar S, **Forsha D**. J Am Soc Echo. 2021 Jul;34(7):786-793. doi: 10.1016/j.echo.2021.02.002. PMID: 33561494

[Reproducibility and Intervendor Agreement of Left Ventricular Global Systolic Strain in Children Using a Layer-Specific Analysis.](#)

Ramlogan S, Aly D, **France R**, Schmidt S, Hinzman J, Sherman A, Goudar SP, **Forsha D**. J Am Soc Echocardiogr. 2020 Jan;33(1):110-119. doi: 10.1016/j.echo.2019.08.004. Epub 2019 Oct 23. PMID: 31668503

[The influence of angle of insonation and target depth on speckle-tracking strain.](#)

Forsha D, Risum N, Rajagopal S, Dolgner S, Hornik C, Barnhart H, Kisslo J, Barker P. J Am Soc Echo. 2015 May;28(5):580-6. doi: 10.1016/j.echo.2014.12.015. PMID: 25655402

[Single ventricular strain measures correlate with peak oxygen consumption in children and adolescents with Fontan circulation.](#)

Goudar S, **Forsha D**, White DA, Sherman A, **Shirali G**. Cardiol Young. 2023 Jul;33(7):1136-1142. doi: 10.1017/S1047951122002323. Epub 2022 Jul 22. PMID: 35864813

Pediatric Heart Network

[Comparison of echocardiographic measurements to invasive measurements of diastolic function in infants with single ventricle physiology: a report from the Pediatric Heart Network Infant Single Ventricle Trial.](#)

Goudar SP, Zak V, Atz AM, Altmann K, Colan SD, Falkensammer CB, Friedberg MK, Frommelt M, Hill KD, Hsu DT, Levine JC, Margossian R, Mart CR, Sticka J, Shrader P, **Shirali G**; Pediatric Heart Network Investigators. Cardiol Young. 2019 Oct;29(10):1248-1256. doi: 10.1017/S1047951119001859. PMID: 31477187

[Impact of Variability in Echocardiographic Interpretation on Assessment of Adequacy of Repair Following Congenital Heart Surgery: A Pilot Study.](#)

Parthiban A, Levine JC, Nathan M, Marshall JA, **Shirali GS**, Simon SD, Colan SD, Newburger JW, **Raghuveer G**. Pediatr Cardiol. 2016 Jan;37(1):144-50. doi: 10.1007/s00246-015-1256-8. Epub 2015 Sep 10. PMID: 26358473

[The reproducibility and absolute values of echocardiographic measurements of left ventricular size and function in children are algorithm dependent.](#)

Margossian R, Chen S, Sleeper LA, Tani LY, **Shirali G**, Golding F, Selamet Tierney ES, Altmann K, Campbell MJ, Szwast A, Sharkey A, Radojewski E, Colan SD; Pediatric Heart Network Investigators. J Am Soc Echocardiogr. 2015 May;28(5):549-558.e1. doi: 10.1016/j.echo.2015.01.014. Epub 2015 Feb 27. PMID: 25728351

[Variability of M-mode versus two-dimensional echocardiography measurements in children with dilated cardiomyopathy.](#)

Lee CK, Margossian R, Sleeper LA, Canter CE, Chen S, Tani LY, **Shirali G**, Szwast A, Tierney ES, Campbell MJ, Golding F, Wang Y, Altmann K, Colan SD; Pediatric Heart Network Investigators. Pediatr Cardiol. 2014 Apr;35(4):658-67. doi: 10.1007/s00246-013-0835-9. Epub 2013 Nov 22. PMID: 24265000

[The ventricular volume variability study of the Pediatric Heart Network: study design and impact of beat averaging and variable type on the reproducibility of echocardiographic measurements in children with chronic dilated cardiomyopathy.](#)

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[Multicenter study comparing shunt type in the norwood procedure for single-ventricle lesions: three-dimensional echocardiographic analysis.](#)

Marx GR, **Shirali G**, Levine JC, Guey LT, Cnota JF, Baffa JM, Border WL, Colan S, Ensing G, Friedberg MK, Goldberg DJ, Idriss SF, John JB, Lai WW, Lu M, Menon SC, Ohye RG, Saudek D, Wong PC, Pearson GD; Pediatric Heart Network Investigators. *Circ Cardiovasc Imaging*. 2013 Nov;6(6):934-42. doi: 10.1161/CIRCIMAGING.113.000304. Epub 2013 Oct 4. PMID: 24097422

[Does initial shunt type for the Norwood procedure affect echocardiographic measures of cardiac size and function during infancy?: the Single Ventricle Reconstruction trial.](#)

Frommelt PC, Guey LT, Minich LL, Bhat M, Bradley TJ, Colan SD, Ensing G, Gorentz J, Heydarian H, John JB, Lai WW, Levine JC, Mahle WT, Miller SG, Ohye RG, Pearson GD, **Shirali GS**, Wong PC, Cohen MS; Pediatric Heart Network Investigators. *Circulation*. 2012 May 29;125(21):2630-8. doi: 10.1161/CIRCULATIONAHA.111.072694. Epub 2012 Apr 21. PMID: 22523314

[Factors impacting echocardiographic imaging after the Fontan procedure: a report from the pediatric heart network fontan cross-sectional study.](#)

Williams RV, Margossian R, Lu M, Atz AM, Bradley TJ, Jay Campbell M, Colan SD, Gallagher D, Lai WW, Pearson GD, Prakash A, **Shirali G**, Cohen MS; Pediatric Heart Network Investigators. *Echocardiography*. 2013 Oct;30(9):1098-106. doi: 10.1111/echo.12219. Epub 2013 Apr 25. PMID: 23614708

[Assessment of Diastolic Function in Single-Ventricle Patients After the Fontan Procedure.](#)

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[Comparison of echocardiographic and cardiac magnetic resonance imaging measurements of functional single ventricular volumes, mass, and ejection fraction \(from the Pediatric Heart Network Fontan Cross-Sectional Study\).](#)

Margossian R, Schwartz ML, Prakash A, Wruck L, Colan SD, Atz AM, Bradley TJ, Fogel MA, Hurwitz LM, Marcus E, Powell AJ, Printz BF, Puchalski MD, Rychik J, **Shirali G**, Williams R, Yoo SJ, Geva T; Pediatric Heart Network Investigators. *Am J Cardiol*. 2009 Aug 1;104(3):419-28. doi: 10.1016/j.amjcard.2009.03.058. Epub 2009 Jun 6. PMID: 19616678

[Echocardiographic methods, quality review, and measurement accuracy in a randomized multicenter clinical trial of Marfan syndrome.](#)

Selamet Tierney ES, Levine JC, Chen S, Bradley TJ, Pearson GD, Colan SD, Sleeper LA, Campbell MJ, Cohen MS, De Backer J, Guey LT, Heydarian H, Lai WW, Lewin MB, Marcus E, Mart CR, Pignatelli RH, Printz BF, Sharkey AM, **Shirali GS**, Srivastava S, Lacro RV; Pediatric Heart Network Investigators. *J Am Soc Echocardiogr*. 2013 Jun;26(6):657-66. doi: 10.1016/j.echo.2013.02.018. Epub 2013 Apr 10. PMID: 23582510

[2D Speckle Tracking Strain Echocardiography in Multisystem Inflammatory Syndrome in Children: A Multicenter Analysis From the MUSIC Study.](#)

Sperotto F, Kazlova V, Trachtenberg FL, Truong DT, Aggarwal S, Block JR, Bradford TT, Buddhé S, Dionne A, Dragulescu A, Farooqi KM, **Forsha D**, Giglia TM, Golding IF, Hasbani K, Jone PN, Krishnan A, Lang SM, McFarland CA, Mitchell EC, Moussi Saad E, Nowlen TT, Pignatelli RH, Pletzer S, Serrano R, Shakti D, Srivastava S, Thorsson T, Votava-Smith JK, Wilson HC, Newburger JW, Friedman KG; MUSIC Study Investigators. *Circ Cardiovasc Imaging*. 2025 Sep;18(9):e017620. doi: 10.1161/CIRCIMAGING.124.017620. Epub 2025 Sep 3. PMID: 40899279

[Six-Month Outcomes in the Long-Term Outcomes After the Multisystem Inflammatory Syndrome in Children Study.](#)

Truong DT, Trachtenberg FL, Hu C, Pearson GD, Friedman K, Sabati AA, Dionne A, Oster ME, Anderson BR, Block J, Bradford TT, Campbell MJ, D'Addese L, Dummer KB, Elias MD, **Forsha D**, Garuba OD, Hasbani K, Hayes K, Hebson C, Jone PN, Krishnan A, Lang S, McCrindle BW, McHugh KE, Mitchell EC, Morrison T, Muniz JC, Payne RM, Portman MA, Russell MW, Sanil Y, Shakti D, Sharma K, Shea JR, Sykes M, Shekerdeman LS, Szmuszkovicz J, Thacker D, Newburger JW; MUSIC Study Investigators.

JAMA Pediatr. 2025 Mar 1;179(3):293-301. doi: 10.1001/jamapediatrics.2024.5466. PMID: 39804656

Fetal Heart Society:

[Utility of Fetal Echocardiography with Acute Maternal Hyperoxygenation Testing in Assessment of Complex Congenital Heart Defects.](#)

Patel SR, **Madan N**, Jone PN, Donofrio MT. Children (Basel). 2023 Jan 31;10(2):281. doi: 10.3390/children10020281. PMID: 36832410

[Prenatal Predictors for Pulmonary Balloon Valvuloplasty in the Newborn.](#)

Johnson JA, Canavan T, Alsaied T, Howley L, **Hancock HS**, Suthar D, Marcuccio E, Trussell TM, Cuneo B. Pediatr Cardiol. 2024 Apr;45(4):722-728. doi: 10.1007/s00246-024-03430-y. Epub 2024 Feb 27. PMID: 38411710

[Acute maternal hyperoxygenation protocol: consensus opinion from the Fetal Heart Society.](#)

Madan N, Donofrio MT, Szwasz A, Moon-Grady AJ, Patel SR; Fetal Heart Society Collaborators. Ultrasound Obstet Gynecol. 2024 Nov;64(5):567-573. doi: 10.1002/uog.29097. Epub 2024 Aug 29. PMID: 39206532

[The Prenatal Diagnosis and Perinatal Management of Congenital Long QT Syndrome: A Comprehensive Literature Review and Recent Updates.](#)

Samples S, Cherny S, **Madan N**, Hong J, Mansukhani SA, Strasburger JF, Carr MR, Patel SR. J Cardiovasc Dev Dis. 2025 Apr 14;12(4):156. doi: 10.3390/jcdd12040156. PMID: 40278215

Vascular/Carotid Intimal Medial Thickness

["Vascular age" is advanced in children with atherosclerosis-promoting risk factors.](#)

Le J, Zhang D, Menees S, Chen J, **Raghuveer G**. Circ Cardiovasc Imaging. 2010 Jan;3(1):8-14. doi: 10.1161/CIRCIMAGING.109.880070. Epub 2009 Nov 17. PMID: 19920030

[Cardiorespiratory Fitness in Youth: An Important Marker of Health: A Scientific Statement From the American Heart Association.](#)

Raghuveer G, Hartz J, Lubans DR, Takken T, Wiltz JL, Mietus-Snyder M, Perak AM, Baker-Smith C, Pietris N, Edwards NM; American Heart Association Young Hearts Athero, Hypertension and Obesity in the Young Committee of the Council on Lifelong Congenital Heart Disease and Heart Health in the Young. Circulation. 2020 Aug 18;142(7):e101-e118. doi: 10.1161/CIR.0000000000000866. Epub 2020 Jul 20. PMID: 32686505

[Cardiovascular Consequences of Childhood Secondhand Tobacco Smoke Exposure: Prevailing Evidence, Burden, and Racial and Socioeconomic Disparities: A Scientific Statement From the American Heart Association.](#)

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[Major Depressive Disorder and Bipolar Disorder Predispose Youth to Accelerated Atherosclerosis and Early Cardiovascular Disease: A Scientific Statement From the American Heart Association.](#)

Goldstein BI, Carnethon MR, Matthews KA, McIntyre RS, Miller GE, **Raghuveer G**, Stoney CM, Wasiake H, McCrindle BW; American Heart Association Atherosclerosis; Hypertension and Obesity in Youth Committee of the Council on Cardiovascular Disease in the Young. *Circulation*. 2015 Sep 8;132(10):965-86. doi: 10.1161/CIR.0000000000000229. Epub 2015 Aug 10. PMID: 26260736

[Toward a Roadmap for Best Practices in Pediatric Preventive Cardiology: A Science Advisory From the American Heart Association.](#)

Perak AM, Baker-Smith C, Hayman LL, Khoury M, Peterson AL, Ware AL, Zachariah JP, **Raghuveer G**; American Heart Association Council on Hypertension; Council on Cardiovascular and Stroke Nursing; Council on Lifelong Congenital Heart Disease and Heart Health in the Young. *Circ Cardiovasc Qual Outcomes*. 2023 Sep;16(9):e000120. doi: 10.1161/HCQ.0000000000000120. Epub 2023 Aug 7. PMID: 37548024

[Variations in carotid artery intima-media thickness during the cardiac cycle in children.](#)

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[Vitamin D deficiency is associated with atherosclerosis-promoting risk factor clustering but not vascular damage in children.](#)

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[Childhood obesity increases left-ventricular mass irrespective of blood pressure status.](#)

Kharod AM, Ramlogan SR, Kumar S, Raghuveer T, Drake W, Dai H, **Raghuveer G**. *Pediatr Cardiol*. 2014 Feb;35(2):353-60. doi: 10.1007/s00246-013-0782-5. Epub 2013 Aug 30. PMID: 23989657

[Vitamin D, Low-Grade Inflammation and Cardiovascular Risk in Young Children: A Pilot Study.](#)

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[Utility of arterial stiffness assessment in children.](#)

Panchangam C, Merrill ED, **Raghuveer G**. *Cardiol Young*. 2018 Mar;28(3):362-376. doi: 10.1017/S1047951117002402. Epub 2018 Jan 9. PMID: 29310742

[Lipoprotein \(a\): Examination of Cardiovascular Risk in a Pediatric Referral Population.](#)

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[Assessment of biomarkers of inflammation and premature atherosclerosis in adolescents with type-1 diabetes mellitus.](#)

Babar G, Clements M, Dai H, **Raghuveer G**. J Pediatr Endocrinol Metab. 2019 Feb 25;32(2):109-113. doi: 10.1515/jpem-2018-0192. PMID: 30710485

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Talluri R, Sherman AK, **Goth N**, **Simpson K**, **Kuzava L**, **Raghuveer G**, **White DA**. Am J Hum Biol. 2023 Feb;35(2):e23815. doi: 10.1002/ajhb.23815. Epub 2022 Oct 5. PMID: 36196910

[Two-dimensional speckle tracking of the ascending aorta: a novel approach to evaluate arterial stiffness in pediatric patients with repaired conotruncal anomalies using echocardiography.](#)

Goyal A, Parthiban A, **White DA**, **Forsha D**, Aly D. Front Cardiovasc Med. 2025 Mar 20;12:1555568. doi: 10.3389/fcvm.2025.1555568. eCollection 2025. PMID: 40182427