**CHD Interventions April 2020**

1. [Transcatheter biventricular conversion in an adult patient with a 1.5 ventricle Glenn palliation and superior vena cava syndrome.](https://www.ncbi.nlm.nih.gov/pubmed/32343465)

Tannous P, Popescu A, Forbess L, Nugent A.

Catheter Cardiovasc Interv. 2020 Apr 28. doi: 10.1002/ccd.28920. [Epub ahead of print]

PMID: 32343465

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32343465)

Select item 32353822

2. [Incidence and fate of device-related left pulmonary artery stenosis and aortic coarctation in small infants undergoing transcatheter patent ductus arteriosus closure.](https://www.ncbi.nlm.nih.gov/pubmed/32339400)

Tomasulo CE, Gillespie MJ, Munson D, Demkin T, O'Byrne ML, Dori Y, Smith CL, Rome JJ, Glatz AC.

Catheter Cardiovasc Interv. 2020 Apr 27. doi: 10.1002/ccd.28942. [Epub ahead of print]

PMID: 32339400

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32339400)

Select item 32338402

3. [Echocardiography-fluoroscopy fusion imaging: The essential features used in congenital and structural heart disease interventional guidance.](https://www.ncbi.nlm.nih.gov/pubmed/32338402)

Jone PN, Sandoval JP, Haak A, Hammers J, Rodriguez-Zanella H, Quaife RA, Salcedo EE, Carroll JD, Gill E.

Echocardiography. 2020 Apr 27. doi: 10.1111/echo.14670. [Epub ahead of print] Review.

PMID: 32338402

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32338402)

Select item 32341135

4. [A Case Series Describing Percutaneous Management of Aortic Isthmic Atresia.](https://www.ncbi.nlm.nih.gov/pubmed/32338186)

Menon PJ, Walsh K.

Vasc Endovascular Surg. 2020 Apr 26:1538574420921280. doi: 10.1177/1538574420921280. [Epub ahead of print]

PMID: 32338186

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32338186)

Select item 32344201

5. [Malignant right coronary artery origin from the left sinus of Valsalva: Complementary role for transesophageal echocardiography upon the cath-lab diagnosis.](https://www.ncbi.nlm.nih.gov/pubmed/32333791)

de Gregorio C, Ceresa F, Ferrazzo G, Patanè F.

J Clin Ultrasound. 2020 Apr 25. doi: 10.1002/jcu.22845. [Epub ahead of print]

PMID: 32333791

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32333791)

Select item 32339650

6. [Partnership Between Japan and the United States for Early Development of Pediatric Medical Devices　- Harmonization By Doing for Children.](https://www.ncbi.nlm.nih.gov/pubmed/32238666)

Takahashi S, Ibrahim N, Yasukochi S, Ringel R, Ing F, Tomita H, Sugiyama H, Yamagishi M, Forbes TJ, Kim SH, Ho M, Gillette N, Nakamura Y, Mineta K, Fearnot N, Dineen D, Vang E, Haskin R, Becker LAM, Sekiguchi K, Sakamoto K, Ruiz CE; Harmonization by Doing for Children Working Group.

Circ J. 2020 Apr 24;84(5):786-791. doi: 10.1253/circj.CJ-19-1092. Epub 2020 Apr 1.

PMID: 32238666 [Free Article](https://www.ncbi.nlm.nih.gov/pubmed/32238666)

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32238666)

Select item 32336071

7. [Three-Dimensional Rotational Angiography during Catheterization of Congenital Heart Disease - A ten Years' experience at a single center.](https://www.ncbi.nlm.nih.gov/pubmed/32332807)

Söder S, Wällisch W, Dittrich S, Cesnjevar R, Pfammatter JP, Glöckler M.

Sci Rep. 2020 Apr 24;10(1):6973. doi: 10.1038/s41598-020-63903-x.

PMID: 32332807 [Free PMC Article](https://www.ncbi.nlm.nih.gov/pubmed/32332807)

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32332807)

Select item 32370483

8. [Short-term results of interventional therapy for infants (7-36 months old) with patent ductus arteriosus and moderate-to-severe pulmonary hypertension: a retrospective study.](https://www.ncbi.nlm.nih.gov/pubmed/32321548)

Shu Y, Guo Y, Wang X, Zhou D.

J Cardiothorac Surg. 2020 Apr 22;15(1):68. doi: 10.1186/s13019-020-01110-5.

PMID: 32321548 [Free PMC Article](https://www.ncbi.nlm.nih.gov/pubmed/32321548)

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32321548)

Select item 32323405

9. [Feasibility and early outcomes of aortic coarctation treatments with BeGraft Aortic stent.](https://www.ncbi.nlm.nih.gov/pubmed/32299151)

Promphan W, Han Siang K, Prachasilchai P, Jarutach J, Makonkawkeyoon K, Siwaprapakorn W, Chutimapongrat N, Sueachim P, Butchan Y.

Catheter Cardiovasc Interv. 2020 Apr 16. doi: 10.1002/ccd.28892. [Epub ahead of print]

PMID: 32299151

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32299151)

Select item 32297523

10. [Pilot phase experience of the International Quality Improvement Collaborative catheterization registry.](https://www.ncbi.nlm.nih.gov/pubmed/32294315)

Barry OM, Ali F, Ronderos M, Sudhaker A, Kumar RK, Mood MC, Corona-Villalobos C, Nguyen DT, Doherty-Schmeck K, Bergersen L, Gauvreau K, Jenkins KJ, Hasan BS.

Catheter Cardiovasc Interv. 2020 Apr 15. doi: 10.1002/ccd.28908. [Epub ahead of print]

PMID: 32294315

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32294315)

Select item 32294303

11. [Preclinical comparative assessment of a dedicated pediatric poly-L-lactic-acid-based bioresorbable scaffold with a low-profile bare metal stent.](https://www.ncbi.nlm.nih.gov/pubmed/32294303)

Shibbani K, De Lima E Silva Bagno L, Poulin MF, Matella T, Diab K, Kavinsky C, Ramesh N, Bhat V, Hijazi ZM, Kenny D.

Catheter Cardiovasc Interv. 2020 Apr 15. doi: 10.1002/ccd.28893. [Epub ahead of print]

PMID: 32294303

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32294303)

Select item 32057477

12. [Velocity Vector Imaging Assessment of Functional Change in the Right Ventricle during Transcatheter Closure of Atrial Septal Defect by Intracardiac Echocardiography.](https://www.ncbi.nlm.nih.gov/pubmed/32326588)

Jung SY, Shin JI, Choi JY, Park SJ, Kim NK.

J Clin Med. 2020 Apr 15;9(4). pii: E1132. doi: 10.3390/jcm9041132.

PMID: 32326588 [Free Article](https://www.ncbi.nlm.nih.gov/pubmed/32326588)

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32326588)

Select item 30422578

13. [SCAI position statement on adult congenital cardiac interventional training, competencies and organizational recommendations.](https://www.ncbi.nlm.nih.gov/pubmed/32272495)

Aboulhosn JA, Hijazi ZM, Kavinsky CJ, McElhinney DB, Asgar AW, Benson LN, Daniels CJ, Ghobrial J, Horlick E, Ing FF, Inglessis I, Kay J, Levi DS.

Catheter Cardiovasc Interv. 2020 Apr 9. doi: 10.1002/ccd.28885. [Epub ahead of print] No abstract available.

PMID: 32272495

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32272495)

Select item 32271829

14. [Surgically placed radiopaque markers: Proof-of-concept of a novel technique to facilitate percutaneous interventions in neonates and infants.](https://www.ncbi.nlm.nih.gov/pubmed/32267611)

Hummel J, Kubicki R, Pingpoh C, Stiller B, Sigler M, Siepe M, Grohmann J.

Catheter Cardiovasc Interv. 2020 Apr 8. doi: 10.1002/ccd.28891. [Epub ahead of print]

PMID: 32267611

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32267611)

Select item 32269130

15. [Percutaneous coronary intervention following Fontan procedure.](https://www.ncbi.nlm.nih.gov/pubmed/32300638)

Subahi A, Forbes T, Ali OE.

Int J Cardiol Heart Vasc. 2020 Apr 8;28:100511. doi: 10.1016/j.ijcha.2020.100511. eCollection 2020 Jun.

PMID: 32300638 [Free PMC Article](https://www.ncbi.nlm.nih.gov/pubmed/32300638)

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32300638)

Select item 32368696

16. [Coronary artery fistulas detected with coronary CT angiography: a pictorial review of 73 cases.](https://www.ncbi.nlm.nih.gov/pubmed/31638419)

Li N, Zhao P, Wu D, Liang C.

Br J Radiol. 2020 Apr;93(1108):20190523. doi: 10.1259/bjr.20190523. Epub 2019 Oct 31.

PMID: 31638419

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31638419)

Select item 32369291

17. [Hybrid trans-apical atrioventricular valve-in-valve implantation in Fontan circulation.](https://www.ncbi.nlm.nih.gov/pubmed/31912986)

Butera G, Lucchese G, Austin C, Frigiola A.

Catheter Cardiovasc Interv. 2020 Apr 1;95(5):950-953. doi: 10.1002/ccd.28714. Epub 2020 Jan 8.

PMID: 31912986

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31912986)

Select item 31876383

18. [Here today, gone tomorrow: Outcomes of residual leak following secundum atrial septal defect closure with the GORE CARDIOFORM Septal Occluder.](https://www.ncbi.nlm.nih.gov/pubmed/31876383)

Gordon BM, Abudayyeh I, Goble J, Collado NA, Paolillo J.

Catheter Cardiovasc Interv. 2020 Apr 1;95(5):932-936. doi: 10.1002/ccd.28666. Epub 2019 Dec 26.

PMID: 31876383

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31876383)

Select item 31738929

19. [Light anti-thrombotic regimen for prevention of device thrombosis and/or thrombotic complications after interatrial shunts device-based closure.](https://www.ncbi.nlm.nih.gov/pubmed/31902564)

Rigatelli G, Zuin M, Dell'Avvocata F, Roncon L, Vassilev D, Nghia N.

Eur J Intern Med. 2020 Apr;74:42-48. doi: 10.1016/j.ejim.2019.12.010. Epub 2020 Jan 3.

PMID: 31902564

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31902564)

Select item 31981616

20. [Percutaneous Pulmonary Valve Implantation.](https://www.ncbi.nlm.nih.gov/pubmed/32157831)

Giugno L, Faccini A, Carminati M.

Korean Circ J. 2020 Apr;50(4):302-316. doi: 10.4070/kcj.2019.0291. Review.

PMID: 32157831 [Free PMC Article](https://www.ncbi.nlm.nih.gov/pubmed/32157831)

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32157831)

Select item 32197102

21. [Cardiac catheterization procedures in children with congenital heart disease: Increased chromosomal aberrations in peripheral lymphocytes.](https://www.ncbi.nlm.nih.gov/pubmed/32265037)

Gao Y, Wang P, Su Y, Wang Z, Han L, Li J, Fu Y, Zhao F, Sun Q, Lyu Y.

Mutat Res. 2020 Apr;852:503163. doi: 10.1016/j.mrgentox.2020.503163. Epub 2020 Feb 25.

PMID: 32265037

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32265037)

Select item 31959051

22. [Combined hybrid pulmonary valve placement and atrial septal defect closure: case report and literature review.](https://www.ncbi.nlm.nih.gov/pubmed/32336315)

Abu-Anza O, Carr K, Aldoss O.

Cardiol Young. 2020 Apr 27:1-3. doi: 10.1017/S1047951120000724. [Epub ahead of print]

PMID: 32336315

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32336315)

Select item 32339400

23. [Incidence and fate of device-related left pulmonary artery stenosis and aortic coarctation in small infants undergoing transcatheter patent ductus arteriosus closure.](https://www.ncbi.nlm.nih.gov/pubmed/32339400)

Tomasulo CE, Gillespie MJ, Munson D, Demkin T, O'Byrne ML, Dori Y, Smith CL, Rome JJ, Glatz AC.

Catheter Cardiovasc Interv. 2020 Apr 27. doi: 10.1002/ccd.28942. [Epub ahead of print]

PMID: 32339400

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32339400)

Select item 32338402

24. [A low threshold for neonatal intervention yields a high rate of biventricular outcomes in pulmonary atresia with intact ventricular septum.](https://www.ncbi.nlm.nih.gov/pubmed/32321616)

Morgan GJ, Narayan SA, Goreczny S, Chubb H, Krasemann T, Rosenthal E, Qureshi SA.

Cardiol Young. 2020 Apr 23:1-7. doi: 10.1017/S1047951120000700. [Epub ahead of print]

PMID: 32321616

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32321616)

Select item 32323311

25. [Percutaneous closure of a left ventricular pseudoaneurysm after transcatheter ventricular septal defect closure.](https://www.ncbi.nlm.nih.gov/pubmed/32308169)

Gokalp S, Ugan Atik S, Saltik IL.

Cardiol Young. 2020 Apr 20:1-3. doi: 10.1017/S1047951120000815. [Epub ahead of print]

PMID: 32308169

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32308169)

Select item 32325371

26. [Treatment of severe pulmonary insufficiency with bilateral branch pulmonary artery Melody valve implantation.](https://www.ncbi.nlm.nih.gov/pubmed/32301405)

Abu-Anza O, Nakamura Y, Aldoss O.

Cardiol Young. 2020 Apr 17:1-3. doi: 10.1017/S1047951120000827. [Epub ahead of print]

PMID: 32301405

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32301405)

Select item 32202295

27. [3D advanced imaging overlay with rapid registration in CHD to reduce radiation and assist cardiac catheterisation interventions.](https://www.ncbi.nlm.nih.gov/pubmed/32290877)

Arar Y, Reddy SRV, Kim H, Dimas VV, Zellers TM, Abou Zahr R, Vamsee R, Greer JS, Tandon A, Pontiki A, Dillenbeck J, Zabala L, Greil G, Nugent AW, Hussain T.

Cardiol Young. 2020 Apr 15:1-7. doi: 10.1017/S1047951120000712. [Epub ahead of print]

PMID: 32290877

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32290877)

Select item 32294315

28. [Velocity Vector Imaging Assessment of Functional Change in the Right Ventricle during Transcatheter Closure of Atrial Septal Defect by Intracardiac Echocardiography.](https://www.ncbi.nlm.nih.gov/pubmed/32326588)

Jung SY, Shin JI, Choi JY, Park SJ, Kim NK.

J Clin Med. 2020 Apr 15;9(4). pii: E1132. doi: 10.3390/jcm9041132.

PMID: 32326588 [Free Article](https://www.ncbi.nlm.nih.gov/pubmed/32326588)

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32326588)

Select item 32326432

29. [Interventional atrial septal defect closure: histology of long-term performance.](https://www.ncbi.nlm.nih.gov/pubmed/31132082)

Sigler M, Hofbeck M.

Eur Heart J. 2020 Apr 14;41(15):1478. doi: 10.1093/eurheartj/ehz338. No abstract available.

PMID: 31132082

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31132082)

Select item 32291873

30. [Considerations for Triaging Elective Cases in Children with Cardiac Disease in a Time of Crisis.](https://www.ncbi.nlm.nih.gov/pubmed/32282242)

Gal DB, Char DS.

Circulation. 2020 Apr 13. doi: 10.1161/CIRCULATIONAHA.120.047087. [Epub ahead of print] No abstract available.

PMID: 32282242

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32282242)

Select item 32285188

31. [Device Closure of Iatrogenic Left Ventricular Perforation Through the Chest Wall.](https://www.ncbi.nlm.nih.gov/pubmed/31883718)

McGill M, Aggarwal V, Hiremath G.

JACC Cardiovasc Interv. 2020 Apr 13;13(7):897-898. doi: 10.1016/j.jcin.2019.10.011. Epub 2019 Dec 25. No abstract available.

PMID: 31883718

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31883718)

Select item 32282016

32. [Late cardiac erosion after percutaneous ventricular septal defect closure: a complication after ventricular septal defect device implantation.](https://www.ncbi.nlm.nih.gov/pubmed/32259267)

Schmiady M, Kretschmar O, Hübler M, Sigler M.

Eur Heart J. 2020 Apr 7;41(14):1410. doi: 10.1093/eurheartj/ehz617. No abstract available.

PMID: 32259267

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32259267)

Select item 32281525

33. [Interventional cardiac catheterization in neonatal age: results in a multicentre Italian experience.](https://www.ncbi.nlm.nih.gov/pubmed/32303417)

Giordano M, Santoro G, Agnoletti G, Carminati M, Donti A, Guccione P, Marasini M, Milanesi O, Russo MG, Castaldi B, Cheli M, Formigari R, Gaio G, Giugno L, Lunardini A, Pepino C, Spadoni I.

Int J Cardiol. 2020 Apr 5. pii: S0167-5273(20)30384-3. doi: 10.1016/j.ijcard.2020.04.013. [Epub ahead of print]

PMID: 32303417

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32303417)

Select item 32309207

34. [Perforating the GORE® CARDIOFORM septal occluder and atrial septal defect occluder to gain access to the left atrium.](https://www.ncbi.nlm.nih.gov/pubmed/32239801)

Anderson JH, Adamson T, Migliati E, Herlihy J, Danieu P, Daly J, Allen C, Hua K, Inglessis I.

Catheter Cardiovasc Interv. 2020 Apr 2. doi: 10.1002/ccd.28884. [Epub ahead of print]

PMID: 32239801

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32239801)

Select item 32249125

35. [The Natural and Unnatural History of Ventricular Septal Defects Presenting in Infancy: An Echocardiography-Based Review.](https://www.ncbi.nlm.nih.gov/pubmed/32249125)

Cox K, Algaze-Yojay C, Punn R, Silverman N.

J Am Soc Echocardiogr. 2020 Apr 2. pii: S0894-7317(20)30035-3. doi: 10.1016/j.echo.2020.01.013. [Epub ahead of print]

PMID: 32249125 [Free Article](https://www.ncbi.nlm.nih.gov/pubmed/32249125)

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32249125)

Select item 32234207

36. [Short- and intermediate-term results of balloon aortic valvuloplasty and surgical aortic valvotomy in neonates.](https://www.ncbi.nlm.nih.gov/pubmed/32090726)

Zaban NB, Herrmann JL, Hoyer MH, Brown JW, Alexy RD.

Cardiol Young. 2020 Apr;30(4):489-492. doi: 10.1017/S1047951120000372. Epub 2020 Feb 24.

PMID: 32090726

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32090726)

Select item 32063255

37. [Transcatheter mitral valve-in-valve implantation in a pediatric patient.](https://www.ncbi.nlm.nih.gov/pubmed/31293050)

Momenah TS, Alsahari A, Ahmed E, Al Khalaf K.

Catheter Cardiovasc Interv. 2020 Apr 1;95(5):1062-1065. doi: 10.1002/ccd.28390. Epub 2019 Jul 11.

PMID: 31293050

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31293050)

Select item 32202126

38. [Decisions, Decisions, Decisions…: A Novel Approach Helps Evaluate Potential Benefit of Fetal Aortic Valvuloplasty.](https://www.ncbi.nlm.nih.gov/pubmed/32252550)

O'Byrne ML, Peyvandi S.

Circ Cardiovasc Qual Outcomes. 2020 Apr;13(4):e006636. doi: 10.1161/CIRCOUTCOMES.120.006636. Epub 2020 Apr 7. No abstract available.

PMID: 32252550

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32252550)

Select item 32252549

39. [Fetal Aortic Valvuloplasty for Evolving Hypoplastic Left Heart Syndrome: A Decision Analysis.](https://www.ncbi.nlm.nih.gov/pubmed/32252549)

Pickard SS, Wong JB, Bucholz EM, Newburger JW, Tworetzky W, Lafranchi T, Benson CB, Wilkins-Haug LE, Porras D, Callahan R, Friedman KG.

Circ Cardiovasc Qual Outcomes. 2020 Apr;13(4):e006127. doi: 10.1161/CIRCOUTCOMES.119.006127. Epub 2020 Apr 7.

PMID: 32252549

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32252549)

Select item 32167373

40. 33. [Takayasu Arteritis With Coronary Artery Involvement: Differences Between Pediatric and Adult Patients.](https://www.ncbi.nlm.nih.gov/pubmed/31924450)

Lei C, Huang Y, Yuan S, Chen W, Liu H, Yang M, Shen Z, Fang L, Fang Q, Song H, Tian X, Zeng X, Guo X, Zhang S.

Can J Cardiol. 2020 Apr;36(4):535-542. doi: 10.1016/j.cjca.2019.08.039. Epub 2019 Sep 6.

PMID: 31924450

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31924450)

Select item 32256914

41. [Infective endocarditis developing early after percutaneous closure of a patent ductus arteriosus in a child using the Amplatzer Duct Occluder II.](https://www.ncbi.nlm.nih.gov/pubmed/32188522)

Yilmazer MM, Meşe T.

Cardiol Young. 2020 Apr;30(4):591-593. doi: 10.1017/S1047951120000542. Epub 2020 Mar 19.

PMID: 32188522

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=32188522)

Select item 32180543