**Fetal Cardiology Sept 2019**

1. [Usefulness of Postnatal Echocardiography in Patients with Down Syndrome with Normal Fetal Echocardiograms.](https://www.ncbi.nlm.nih.gov/pubmed/31541264)

Cooper A, Sisco K, Backes CH, Dutro M, Seabrook R, Santoro SL, Cua CL.

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PMID: 31541264

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2. [EX-UTERO EXTRACORPOREAL SUPPORT AS A MODEL FOR FETAL HYPOXIA AND BRAIN DYSMATURITY.](https://www.ncbi.nlm.nih.gov/pubmed/31541634)

McGovern PE, Lawrence K, Baumgarten H, Rossidis A, Mejaddam A, Licht DJ, Grinspan J, Schupper A, Rychik J, Didier RA, Vossough A, Spray TL, Peranteau WH, Davey MG, Flake AW, Gaynor JW.

Ann Thorac Surg. 2019 Sep 18. pii: S0003-4975(19)31405-5. doi: 10.1016/j.athoracsur.2019.08.021. [Epub ahead of print]

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3. [Parental reactions, distress, and sense of coherence after prenatal versus postnatal diagnosis of complex congenital heart disease.](https://www.ncbi.nlm.nih.gov/pubmed/31522698)

Bratt EL, Järvholm S, Ekman-Joelsson BM, Johannsmeyer A, Carlsson SÅ, Mattsson LÅ, Mellander M.

Cardiol Young. 2019 Sep 16:1-7. doi: 10.1017/S1047951119001781. [Epub ahead of print]

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4. [From embryogenesis to adulthood: Critical role for GATA factors in heart development and function.](https://www.ncbi.nlm.nih.gov/pubmed/31520462)

Whitcomb J, Gharibeh L, Nemer M.

IUBMB Life. 2019 Sep 13. doi: 10.1002/iub.2163. [Epub ahead of print] Review.

PMID: 31520462

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5. [miR-486 is modulated by stretch and increases ventricular growth.](https://www.ncbi.nlm.nih.gov/pubmed/31513548)

Lange S, Banerjee I, Carrion K, Serrano R, Habich L, Kameny R, Lengenfelder L, Dalton N, Meili R, Börgeson E, Peterson K, Ricci M, Lincoln J, Ghassemian M, Fineman J, Del Álamo JC, Nigam V.

JCI Insight. 2019 Sep 12;4(19). pii: 125507. doi: 10.1172/jci.insight.125507.

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6. [The added value of screening fetal echocardiography after normal cardiac views on a detailed ultrasound.](https://www.ncbi.nlm.nih.gov/pubmed/31499581)

Cawyer CR, Kuper SG, Ausbeck E, Sinkey RG, Owen J.

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PMID: 31499581

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7. [Absence of the fetal right pulmonary artery complicated with coarctation of the aorta: Prenatal and postnatal diagnosis.](https://www.ncbi.nlm.nih.gov/pubmed/31487058)

Wang Y, Zhang J, Feng W, Wu Y, Yang L, Yin J.

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PMID: 31487058

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8. [Application of the INTERGROWTH-21st chart compared to customized growth charts in fetuses with left heart obstruction: late trimester biometry, cerebroplacental hemodynamics and perinatal outcome.](https://www.ncbi.nlm.nih.gov/pubmed/31139902)

Graupner O, Helfrich F, Ostermayer E, Lobmaier SM, Ortiz JU, Ewert P, Wacker-Gussmann A, Haller B, Axt-Fliedner R, Enzensberger C, Abel K, Karge A, Oberhoffer R, Kuschel B.

Arch Gynecol Obstet. 2019 Sep;300(3):601-613. doi: 10.1007/s00404-019-05198-6. Epub 2019 May 28.

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9. [Epigenetics and Mechanobiology in Heart Development and Congenital Heart Disease.](https://www.ncbi.nlm.nih.gov/pubmed/31480510)

Jarrell DK, Lennon ML, Jacot JG.

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10. [Mortality and morbidity of major congenital heart disease related to general prenatal screening for malformations.](https://www.ncbi.nlm.nih.gov/pubmed/31130278)

Lytzen R, Vejlstrup N, Bjerre J, Petersen OB, Leenskjold S, Dodd JK, Jørgensen FS, Søndergaard L.

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11. [Obstetric and perinatal outcomes in pregnancies with isolated foetal congenital heart abnormalities.](https://www.ncbi.nlm.nih.gov/pubmed/29544375)

Liu C, Lodge J, Flatley C, Gooi A, Ward C, Eagleson K, Kumar S.

J Matern Fetal Neonatal Med. 2019 Sep;32(18):2985-2992. doi: 10.1080/14767058.2018.1453799. Epub 2018 Apr 3.

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12. [Fetal whole-heart 4D imaging using motion-corrected multi-planar real-time MRI.](https://www.ncbi.nlm.nih.gov/pubmed/31081250)

van Amerom JFP, Lloyd DFA, Deprez M, Price AN, Malik SJ, Pushparajah K, van Poppel MPM, Rutherford MA, Razavi R, Hajnal JV.

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13. [Isolated abdominal aortic tortuosity diagnosed by fetal echocardiography.](https://www.ncbi.nlm.nih.gov/pubmed/31494840)

Ishido H, Baba K, Maeda S, Doi H, Iwamoto Y, Senzaki H, Masutani S.

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14. [Atrial and ventricular ejection force of the fetal heart: Which of the four chambers is the dominant?](https://www.ncbi.nlm.nih.gov/pubmed/31516278)

Malakan Rad E, Sheykhian T, Zeinaloo AA.

Ann Pediatr Cardiol. 2019 Sep-Dec;12(3):220-227. doi: 10.4103/apc.APC\_146\_18.

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15. [Application of the INTERGROWTH-21st chart compared to customized growth charts in fetuses with left heart obstruction: late trimester biometry, cerebroplacental hemodynamics and perinatal outcome.](https://www.ncbi.nlm.nih.gov/pubmed/31139902)

Graupner O, Helfrich F, Ostermayer E, Lobmaier SM, Ortiz JU, Ewert P, Wacker-Gussmann A, Haller B, Axt-Fliedner R, Enzensberger C, Abel K, Karge A, Oberhoffer R, Kuschel B.

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16. [Sensitivity, specificity, and accuracy of fetal echocardiography for high-risk pregnancies in a tertiary center in Egypt.](https://www.ncbi.nlm.nih.gov/pubmed/31519455)

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17. [Marked Practice Variation in Antithrombotic Care with the Berlin Heart EXCOR Pediatric Ventricular Assist Device.](https://www.ncbi.nlm.nih.gov/pubmed/30234505)

May LJ, Lorts A, VanderPluym C, Conway J, Massicotte MP, Millar MM, Steiner ME, Rosenthal DN.

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18. [The genetic and clinical outcome of isolated fetal muscular ventricular septal defect (VSD).](https://www.ncbi.nlm.nih.gov/pubmed/29510647)

Svirsky R, Brabbing-Goldstein D, Rozovski U, Kapusta L, Reches A, Yaron Y.

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19. [Modified underlying cardiac disease severity in twin-twin transfusion syndrome.](https://www.ncbi.nlm.nih.gov/pubmed/31516298)

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20. [Functional cardiac measurements performed by two-dimensional Doppler echocardiography in normal fetuses: Determination of Z-scores and future prospects.](https://www.ncbi.nlm.nih.gov/pubmed/31516280)

Rocha LA, Bravo-Valenzuela NJ, Rolo LC, Araujo Júnior E.

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