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1. [Fetal heart examination at the time of 13 weeks scan: a 5 years' prospective study.](https://www.ncbi.nlm.nih.gov/pubmed/31494637)

Ebrashy A, Aboulghar M, Elhodiby M, El-Dessouky SH, Elsirgany S, Gaafar HM, Sheta SS, Kamal R, Negm S, El Sheikhah A, Idris O, Abd-El-Kader M, Ehab M, Momtaz M.

J Perinat Med. 2019 Oct 25;47(8):871-878. doi: 10.1515/jpm-2019-0222.

PMID: 31494637

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31494637)

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2. [Prediction of postnatal clinical course in primary congenital dilated cardiomyopathy.](https://www.ncbi.nlm.nih.gov/pubmed/31654457)

Yamamoto H, Fukasawa Y, Ohashi N, Yokoyama T, Suzuki K, Ota T, Yasuda K, Omoya K, Takahashi Y, Kato T.

Pediatr Int. 2019 Oct 25. doi: 10.1111/ped.14029. [Epub ahead of print]

PMID: 31654457

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31654457)

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3. [Improving fetal congenital heart disease screening using a checklist-based approach.](https://www.ncbi.nlm.nih.gov/pubmed/31652332)

Janicki MB, Fernandez CG, Wakefield D, Shepherd JP, Figueroa R.

Prenat Diagn. 2019 Oct 25. doi: 10.1002/pd.5581. [Epub ahead of print]

PMID: 31652332

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31652332)

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4. [Randomization of Left-right Asymmetry and Congenital Heart Defects: The Role of *DNAH5* in Humans and Mice.](https://www.ncbi.nlm.nih.gov/pubmed/31638833)

Nöthe-Menchen T, Wallmeier J, Pennekamp P, Höben IM, Olbrich H, Loges NT, Raidt J, Dougherty GW, Hjeij R, Dworniczak B, Omran H.

Circ Genom Precis Med. 2019 Oct 22. doi: 10.1161/CIRCGEN.119.002686. [Epub ahead of print]

PMID: 31638833

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31638833)

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5. [The contribution of single-gene defects to congenital cardiac left-sided lesions in the prenatal setting.](https://www.ncbi.nlm.nih.gov/pubmed/31633846)

Sun H, Yi T, Hao X, Yan H, Wang J, Li Q, Gu X, Zhou X, Wang S, Wang X, Wan P, Han L, Chen J, Zhu H, Zhang H, He Y.

Ultrasound Obstet Gynecol. 2019 Oct 21. doi: 10.1002/uog.21883. [Epub ahead of print]

PMID: 31633846

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31633846)

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6. [Model System Identification of Novel Congenital Heart Disease Gene Candidates: focus on RPL13.](https://www.ncbi.nlm.nih.gov/pubmed/31625562)

Schroeder AM, Allahyari M, Vogler G, Missinato MA, Nielsen T, Yu MS, Theis JL, Larsen LA, Goyal P, Rosenfeld J, Nelson TJ, Olson TM, Colas AR, Grossfeld P, Bodmer R.

Hum Mol Genet. 2019 Oct 18. pii: ddz213. doi: 10.1093/hmg/ddz213. [Epub ahead of print]

PMID: 31625562

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31625562)

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7. [Functional characterisation of a novel PBX1 de novo missense variant identified in a patient with syndromic congenital heart disease.](https://www.ncbi.nlm.nih.gov/pubmed/31625560)

Alankarage D, Szot JO, Pachter N, Slavotinek A, Selleri L, Shieh JT, Winlaw D, Giannoulatou E, Chapman G, Dunwoodie SL.

Hum Mol Genet. 2019 Oct 18. pii: ddz231. doi: 10.1093/hmg/ddz231. [Epub ahead of print]

PMID: 31625560

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31625560)

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8. [Wnt Signaling: The double-edged sword diminishing the potential of stem cell therapy in congenital heart disease.](https://www.ncbi.nlm.nih.gov/pubmed/31629761)

Mohamed IA, El-Badri N, Zaher A.

Life Sci. 2019 Oct 17:116937. doi: 10.1016/j.lfs.2019.116937. [Epub ahead of print] Review.

PMID: 31629761

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31629761)

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9. [De novo and recessive forms of congenital heart disease have distinct genetic and phenotypic landscapes.](https://www.ncbi.nlm.nih.gov/pubmed/31624253)

Watkins WS, Hernandez EJ, Wesolowski S, Bisgrove BW, Sunderland RT, Lin E, Lemmon G, Demarest BL, Miller TA, Bernstein D, Brueckner M, Chung WK, Gelb BD, Goldmuntz E, Newburger JW, Seidman CE, Shen Y, Yost HJ, Yandell M, Tristani-Firouzi M.

Nat Commun. 2019 Oct 17;10(1):4722. doi: 10.1038/s41467-019-12582-y.

PMID: 31624253 [Free PMC Article](https://www.ncbi.nlm.nih.gov/pubmed/31624253)

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31624253)

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10. [Prenatal incidence of isolated right aortic arch and double aortic arch.](https://www.ncbi.nlm.nih.gov/pubmed/31578117)

Vigneswaran TV, Jabak S, Syngelaki A, Charakida M, Simpson JM, Nicolaides KH, Zidere V.

J Matern Fetal Neonatal Med. 2019 Oct 16:1-6. doi: 10.1080/14767058.2019.1676413. [Epub ahead of print]

PMID: 31578117

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31578117)

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11. [N-Acetylcysteine prevents the decreases in cardiac collagen I/III ratio and systolic function in neonatal mice with prenatal alcohol exposure.](https://www.ncbi.nlm.nih.gov/pubmed/31425726)

Ninh VK, El Hajj EC, Ronis MJ, Gardner JD.

Toxicol Lett. 2019 Oct 15;315:87-95. doi: 10.1016/j.toxlet.2019.08.010. Epub 2019 Aug 16.

PMID: 31425726

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31425726)

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12. [Impact of maternal obesity on fetal cardiac screening: which follow-up strategy is cost-effective?](https://www.ncbi.nlm.nih.gov/pubmed/31614030)

Bak GS, Shaffer BL, Madriago E, Allen A, Kelly B, Caughey AB, Pereira L.

Ultrasound Obstet Gynecol. 2019 Oct 15. doi: 10.1002/uog.21895. [Epub ahead of print]

PMID: 31614030

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31614030)

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13. [Neonatal and maternal outcomes of pregnancies with a fetal diagnosis of congenital heart disease using a standardized delivery room management protocol.](https://www.ncbi.nlm.nih.gov/pubmed/31611616)

Adams AD, Aggarwal N, Fries MH, Donofrio MT, Iqbal SN.

J Perinatol. 2019 Oct 14. doi: 10.1038/s41372-019-0528-1. [Epub ahead of print]

PMID: 31611616

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31611616)

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14. [Prenatal diagnosis of fetal heterotaxy syndrome by ultrasound: A case report.](https://www.ncbi.nlm.nih.gov/pubmed/31603524)

Wang Y, Zhao X, Ge T.

Int J Gynaecol Obstet. 2019 Oct 11. doi: 10.1002/ijgo.12995. [Epub ahead of print] No abstract available.

PMID: 31603524

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31603524)

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15. [Preliminary results analysis for left ventricular systolic function in normal fetuses by automated cardiac motion quantitation.](https://www.ncbi.nlm.nih.gov/pubmed/31599167)

Sun X, Zhao B, Chen Y, Pan M, Wang B, Peng X.

J Matern Fetal Neonatal Med. 2019 Oct 10:1-9. doi: 10.1080/14767058.2019.1670810. [Epub ahead of print]

PMID: 31599167

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31599167)

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16. [Initial Experience of Superb Microvascular Imaging for Key Cardiac Views in Foetal Assessment before 15 Weeks Gestation.](https://www.ncbi.nlm.nih.gov/pubmed/31597155)

Jabak S, Vigneswaran TV, Charakida M, Kasapoglu T, de Jesus Cruz J, Simpson JM, Zidere V.

Fetal Diagn Ther. 2019 Oct 9:1-9. doi: 10.1159/000502839. [Epub ahead of print]

PMID: 31597155

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31597155)

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17. [Control of cytokinesis by β-adrenergic receptors indicates an approach for regulating cardiomyocyte endowment.](https://www.ncbi.nlm.nih.gov/pubmed/31597755)

Liu H, Zhang CH, Ammanamanchi N, Suresh S, Lewarchik C, Rao K, Uys GM, Han L, Abrial M, Yimlamai D, Ganapathy B, Guillermier C, Chen N, Khaladkar M, Spaethling J, Eberwine JH, Kim J, Walsh S, Choudhury S, Little K, Francis K, Sharma M, Viegas M, Bais A, Kostka D, Ding J, Bar-Joseph Z, Wu Y, Yechoor V, Moulik M, Johnson J, Weinberg J, Reyes-Múgica M, Steinhauser ML, Kühn B.

Sci Transl Med. 2019 Oct 9;11(513). pii: eaaw6419. doi: 10.1126/scitranslmed.aaw6419.

PMID: 31597755

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31597755)

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18. [Cell atlas of the fetal human heart and implications for autoimmune-mediated congenital heart block.](https://www.ncbi.nlm.nih.gov/pubmed/31589297)

Suryawanshi H, Clancy R, Morozov P, Halushka MK, Buyon JP, Tuschl T.

Cardiovasc Res. 2019 Oct 7. pii: cvz257. doi: 10.1093/cvr/cvz257. [Epub ahead of print]

PMID: 31589297

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19. [Fetal congenital heart disease echocardiogram screening based on DGACNN: adversarial oneclass classification combined with video transfer learning.](https://www.ncbi.nlm.nih.gov/pubmed/31603775)

Gong Y, Zhang Y, Zhu H, Lv J, Cheng Q, He HZY, Wang S.

IEEE Trans Med Imaging. 2019 Oct 7. doi: 10.1109/TMI.2019.2946059. [Epub ahead of print]

PMID: 31603775

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20. [Fetal diagnosis of Mowat-Wilson syndrome by whole exome sequencing.](https://www.ncbi.nlm.nih.gov/pubmed/31321886)

Evans CA, Pinner J, Chan CY, Bowyer L, Mowat D, Buckley MF, Roscioli T.

Am J Med Genet A. 2019 Oct;179(10):2152-2157. doi: 10.1002/ajmg.a.61295. Epub 2019 Jul 19.

PMID: 31321886

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31321886)

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21. [The Accuracy and Cost-Effectiveness of Selective Fetal Echocardiography for the Diagnosis of Congenital Heart Disease in Patients with Pregestational Diabetes Stratified by Hemoglobin A1c.](https://www.ncbi.nlm.nih.gov/pubmed/30991442)

Finneran MM, Ware CA, Kiefer MK, Buschur EO, Foy PM, Thung SF, Landon MB, Gabbe SG.

Am J Perinatol. 2019 Oct;36(12):1216-1222. doi: 10.1055/s-0039-1685490. Epub 2019 Apr 16.

PMID: 30991442

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=30991442)

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22. [Effects of hypoxia on cardiomyocyte proliferation and association with stage of development.](https://www.ncbi.nlm.nih.gov/pubmed/31545287)

Sun Y, Jiang C, Hong H, Liu J, Qiu L, Huang Y, Ye L.

Biomed Pharmacother. 2019 Oct;118:109391. doi: 10.1016/j.biopha.2019.109391. Epub 2019 Aug 28.

PMID: 31545287 [Free Article](https://www.ncbi.nlm.nih.gov/pubmed/31545287)

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31545287)

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23. [Integration of Large-Scale Genomic Data Sources With Evolutionary History Reveals Novel Genetic Loci for Congenital Heart Disease.](https://www.ncbi.nlm.nih.gov/pubmed/31613678)

Fotiou E, Williams S, Martin-Geary A, Robertson DL, Tenin G, Hentges KE, Keavney B.

Circ Genom Precis Med. 2019 Oct;12(10):442-451. doi: 10.1161/CIRCGEN.119.002694. Epub 2019 Oct 15.

PMID: 31613678

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31613678)

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24. [Screening performance of congenital heart defects in first trimester using simple cardiac scan, nuchal translucency, abnormal ductus venosus blood flow and tricuspid regurgitation.](https://www.ncbi.nlm.nih.gov/pubmed/31573148)

Karadzov Orlic N, Egic A, Damnjanovic-Pazin B, Lukic R, Joksic I, Mikovic Z.

Congenit Heart Dis. 2019 Oct 1. doi: 10.1111/chd.12852. [Epub ahead of print]

PMID: 31573148

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31573148)

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25. [Does prenatal diagnosis of critical congenital heart diseases influence the prereferral mortality in a center without surgical intervention?](https://www.ncbi.nlm.nih.gov/pubmed/29712484)

Özer Bekmez B, Alyamaç Dizdar E, Okur N, Büyüktiryaki M, Uraş N, Oğuz SS.

J Matern Fetal Neonatal Med. 2019 Oct;32(20):3431-3434. doi: 10.1080/14767058.2018.1465551. Epub 2018 Apr 30.

PMID: 29712484

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=29712484)

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26. [Damaging Variants in Proangiogenic Genes Impair Growth in Fetuses with Cardiac Defects.](https://www.ncbi.nlm.nih.gov/pubmed/31227283)

Russell MW, Moldenhauer JS, Rychik J, Burnham NB, Zullo E, Parry SI, Simmons RA, Elovitz MA, Nicolson SC, Linn RL, Johnson MP, Yu S, Sampson MG, Hakonarson H, Gaynor JW.

J Pediatr. 2019 Oct;213:103-109. doi: 10.1016/j.jpeds.2019.05.013. Epub 2019 Jun 18.

PMID: 31227283

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31227283)

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27. [Prenatal echocardiographic classification and prognostic evaluation strategy in fetal pulmonary atresia with intact ventricular septum.](https://www.ncbi.nlm.nih.gov/pubmed/31626103)

Liu L, Wang H, Cui C, Li Y, Liu Y, Wang Y, Fan T, Peng B.

Medicine (Baltimore). 2019 Oct;98(42):e17492. doi: 10.1097/MD.0000000000017492.

PMID: 31626103 [Free Article](https://www.ncbi.nlm.nih.gov/pubmed/31626103)

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28. [Postnatal Outcome Following Prenatal Diagnosis of Discordant Atrioventricular and Ventriculoarterial Connections.](https://www.ncbi.nlm.nih.gov/pubmed/31342118)

Day TG, Woodgate T, Knee O, Zidere V, Vigneswaran T, Charakida M, Miller O, Sharland G, Simpson J.

Pediatr Cardiol. 2019 Oct;40(7):1509-1515. doi: 10.1007/s00246-019-02176-2. Epub 2019 Jul 25.

PMID: 31342118

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29. [Insights into Arch Vessel Development in the Bovine Aortic Arch.](https://www.ncbi.nlm.nih.gov/pubmed/31332468)

Meyer AM, Turek JW, Froud J, Endelman LA, Cavanaugh NB, Torres JE, Ashwath R.

Pediatr Cardiol. 2019 Oct;40(7):1445-1449. doi: 10.1007/s00246-019-02156-6. Epub 2019 Jul 22.

PMID: 31332468

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30. [Risk of congenital heart diseases associated with NAT2 genetic polymorphisms and maternal polycyclic aromatic hydrocarbons exposure.](https://www.ncbi.nlm.nih.gov/pubmed/31254350)

Tao J, Li N, Liu Z, Qiu J, Deng Y, Li X, Chen M, Yu J, Zhu J, Yu P, Wang Y.

Prenat Diagn. 2019 Oct;39(11):968-975. doi: 10.1002/pd.5516. Epub 2019 Jul 22.

PMID: 31254350

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31. [Electrical stimulation of pediatric cardiac-derived c-kit+ progenitor cells improves retention and cardiac function in right ventricular heart failure.](https://www.ncbi.nlm.nih.gov/pubmed/31574184)

Maxwell JT, Trac D, Shen M, Brown ME, Davis ME, Chao MS, Supapannachart KJ, Zaladonis CA, Baker E, Li ML, Zhao J, Jacobs DI.

Stem Cells. 2019 Oct 1. doi: 10.1002/stem.3088. [Epub ahead of print]

PMID: 31574184

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31574184)

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32. [Evolution of strain and strain rate values throughout gestation in healthy fetuses.](https://www.ncbi.nlm.nih.gov/pubmed/31664680)

Clavero Adell M, Ayerza Casas A, Jiménez Montañés L, Palanca Arias D, López Ramón M, Alcalá Nalvaiz JT, Samper Villagrasa P.

Int J Cardiovasc Imaging. 2019 Oct 29. doi: 10.1007/s10554-019-01695-6. [Epub ahead of print]

PMID: 31664680

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33. [Postnatal Cardiac Development and Regenerative Potential in Large Mammals.](https://www.ncbi.nlm.nih.gov/pubmed/31346664)

Velayutham N, Agnew EJ, Yutzey KE.

Pediatr Cardiol. 2019 Oct;40(7):1345-1358. doi: 10.1007/s00246-019-02163-7. Epub 2019 Jul 25.

PMID: 31346664

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31346664)

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34. [Phases and Mechanisms of Embryonic Cardiomyocyte Proliferation and Ventricular Wall Morphogenesis.](https://www.ncbi.nlm.nih.gov/pubmed/31342113)

Barak Y, Hemberger M, Sucov HM.

Pediatr Cardiol. 2019 Oct;40(7):1359-1366. doi: 10.1007/s00246-019-02164-6. Epub 2019 Jul 24.

PMID: 31342113

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31342113)

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35. [The association between severe fetal congenital heart defects and placental vascular malperfusion lesions.](https://www.ncbi.nlm.nih.gov/pubmed/31254468)

Miremberg H, Gindes L, Schreiber L, Raucher Sternfeld A, Bar J, Kovo M.

Prenat Diagn. 2019 Oct;39(11):962-967. doi: 10.1002/pd.5515. Epub 2019 Jul 17.

PMID: 31254468

[Similar articles](https://www.ncbi.nlm.nih.gov/pubmed?linkname=pubmed_pubmed&from_uid=31254468)

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36. [Fetal Cardiac MRI: A Review of Technical Advancements.](https://www.ncbi.nlm.nih.gov/pubmed/31592990)

Roy CW, van Amerom JFP, Marini D, Seed M, Macgowan CK.

Top Magn Reson Imaging. 2019 Oct;28(5):235-244. doi: 10.1097/RMR.0000000000000218.

PMID: 31592990

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