



## Twin Research Publications May 2023

1. Alexander JD, Freis SM, Zellers SM, Corley R, Ledbetter A, Schneider RK, Phelan C, Subramonyam H, Frieser M, Rea-Sandin G, Stocker ME, Vernier H, Jiang M, Luo Y, Zhao Q, Rhea SA, Hewitt J, Luciana M, McGue M, Wilson S, Resnick P, Friedman NP, Vrieze SI. **Evaluating longitudinal relationships between parental monitoring and substance use in a multi-year, intensive longitudinal study of 670 adolescent twins.** Front Psychiatry. 2023 May 12;14:1149079. doi: 10.3389/fpsyt.2023.1149079. eCollection 2023.  
<https://pubmed.ncbi.nlm.nih.gov/37252134/>
2. Aradottir SS, Kristoffersson AC, Jensson BO, Sulem P, Gong H, Palsson R, Karpman D. **Factor B Mutation in Monozygotic Twins Discordant for Atypical Hemolytic Uremic Syndrome.** Kidney Int Rep. 2023 Feb 13;8(5):1097-1101. doi: 10.1016/j.ekir.2023.02.1069. eCollection 2023 May.  
<https://pubmed.ncbi.nlm.nih.gov/37180503/>
3. Asediya V, Anjaria P. **Quantum leap: is the conflux of artificial intelligence, personalized medicine, nutrigenetics and nutrigenomics the path to optimal health?.** Epigenomics. 2023 May 16. doi: 10.2217/epi-2023-0084. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37191059/>
4. Ashari S, Zaragita N, Rahmah AA, Priyambodo A, Nugroho SW. **The role of intraoperative neuromonitoring in pygopagus separation: two-institution experience in Indonesia.** Childs Nerv Syst. 2023 May;39(5):1131-1135. doi: 10.1007/s00381-023-05924-1. Epub 2023 Mar 20.  
<https://pubmed.ncbi.nlm.nih.gov/36939905/>
5. Aslani S, Mirarefin SMJ, Zarredar H, Asadi M, Reza Javan M, Khosrojerdi A, Johnston TP, Sahebkar A. **The Epigenetic Contribution to the Pathogenesis of Psoriasis: Recent Advances.** Curr Med Chem. 2023 May 3. doi: 10.2174/0929867330666230503143824. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37138420/>
6. Bell TR, Beck A, Gillespie NA, Reynolds CA, Elman JA, Williams ME, Gustavson DE, Lyons MJ, Neale MC, Kremen WS, Franz CE. **A Traitlike Dimension of Subjective Memory Concern Over 30 Years Among Adult Male Twins.** JAMA Psychiatry. 2023 May 10:e231004. doi: 10.1001/jamapsychiatry.2023.1004. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37163244/>
7. Binstock A, Bodnar LM, Himes KP. **Severe Maternal Morbidity in Twins.** Am J Perinatol. 2023 May;40(7):704-710. doi: 10.1055/a-1974-4449. Epub 2022 Nov 8.  
<https://pubmed.ncbi.nlm.nih.gov/36347509/>



8. Birlutiu V, Birlutiu RM. **The First Case of Human Hepatic Fasciolosis Presented as Hepatic Pseudotumor Histopathologically Diagnosed in Romania-A Case Report.** Healthcare (Basel). 2023 May 17;11(10):1451. doi: 10.3390/healthcare11101451. <https://pubmed.ncbi.nlm.nih.gov/37239737/>
9. Bone JN, Joseph KS, Magee LA, Wang LQ, Mayer C, Lisonkova S. **Pre-pregnancy body mass index and adverse maternal and perinatal outcomes in twins: A population retrospective cohort study.** Int J Obes (Lond). 2023 May 18. doi: 10.1038/s41366-023-01320-6. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/37202431/>
10. Bouazzi M, Jørgensen DES, Andersen H, Krusenstjerna-Hafstrøm T, Ekelund CK, Jensen AN, Sandager P, Sperling L, Steensberg J, Sundberg K, Vejstrup NG, Petersen OBB, Vedel C. **Prevalence and detection rate of major congenital heart disease in twin pregnancies in Denmark.** Ultrasound Obstet Gynecol. 2023 May 16. doi: 10.1002/uog.26249. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/37191390/>
11. Buskmiller C, Munoz JL, Cortes MS, Donepudi RV, Belfort MA, Nassr AA. **Laser therapy versus expectant management for selective fetal growth restriction in monochorionic twins: A systematic review.** Prenat Diagn. 2023 May;43(5):687-698. doi: 10.1002/pd.6348. Epub 2023 Apr 10. <https://pubmed.ncbi.nlm.nih.gov/36991554/>
12. Chen L, Wu C, Dong Z, Cao S, Ren N, Yan X. **Methylenetetrahydrofolate reductase polymorphisms and elevated plasma homocysteine levels in small vessel disease.** Brain Behav. 2023 May;13(5):e2960. doi: 10.1002/brb3.2960. Epub 2023 Mar 28. <https://pubmed.ncbi.nlm.nih.gov/36978223/>
13. Chilosi AM, Brovedani P, Cipriani P, Casalini C. **Sex differences in early language delay and in developmental language disorder.** J Neurosci Res. 2023 May;101(5):654-667. doi: 10.1002/jnr.24976. Epub 2021 Nov 25. <https://pubmed.ncbi.nlm.nih.gov/34822733/>
14. Cruz JJ, Bernardeco J, Cohen A, Serrano F. **Hepatic arterial buffer response in monochorionic diamniotic pregnancies with twin-to-twin transfusion syndrome.** J Perinat Med. 2022 Oct 24;51(4):517-523. doi: 10.1515/jpm-2022-0322. <https://pubmed.ncbi.nlm.nih.gov/36279268/>
15. da Silva Figueira R, Mustafa Gomes Muniz FW, Costa LC, Silva de Moura M, Moura LFAD, Mello de Oliveira B, Lima CCB, Rösing CK, de Lima MDM. **Association between genetic factors and molar-incisor hypomineralisation or hypomineralised second primary molar: A systematic review.** Arch Oral Biol. 2023 May 7;152:105716. doi: 10.1016/j.archoralbio.2023.105716. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/37210809/>



16. D'Antonio F, Marinceu D, Prasad S, Eltaweel N, Khalil A. **Outcome of twin-twin transfusion syndrome complicated by selective fetal growth restriction: systematic review and meta-analysis.** *Ultrasound Obstet Gynecol.* 2023 May 19. doi: 10.1002/uog.26252. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37204823/>
17. Daronch OT, Rigolon LPJ, Moraes IP, Dos Santos Bredley AI, Fachin CG, da Silva Freitas R. **Onfalopagus parasitic fused twin: A case report.** *Int J Surg Case Rep.* 2023 May;106:108129. doi: 10.1016/j.ijscr.2023.108129. Epub 2023 Apr 24.  
<https://pubmed.ncbi.nlm.nih.gov/37148728/>
18. Dash GF, Karalunas SL, Kenyon EA, Carter EK, Mooney MA, Nigg JT, Feldstein Ewing SW. **Gene-by-Environment Interaction Effects of Social Adversity on Externalizing Behavior in ABCD Youth.** *Behav Genet.* 2023 May;53(3):219-231. doi: 10.1007/s10519-023-10136-z. Epub 2023 Feb 16.  
<https://pubmed.ncbi.nlm.nih.gov/36795263/>
19. Dimitris MC, Hutcheon JA, Platt RW, Abrahamowicz M, Beauchamp ME, Himes KP, Bodnar LM, Kaufman JS. **Investigating the Shape and Strength of the Relationship Between Maternal Weight Gain and Gestational Age at Delivery in Twin and Singleton Pregnancies.** *Am J Epidemiol.* 2023 May 1:kwad105. doi: 10.1093/aje/kwad105. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37127908/>
20. Eskesen TO, Sillesen M, Pedersen JK, Pedersen DA, Christensen K, Rasmussen LS, Steinmetz J. **Association of Trauma With Long-Term Risk of Death and Immune-Mediated or Cancer Disease in Same-Sex Twins.** *JAMA Surg.* 2023 May 17:e231560. doi: 10.1001/jamasurg.2023.1560. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37195677/>
21. Esposito G, Cantarutti A, Mauri PA, Franchi M, Fedele F, Corrao G, Parazzini F, Persico N. **Prevalence and Factors Associated With Intertwin Birth Weight Discordance Among Same-Sex Twins in Lombardy, Northern Italy.** *Twin Res Hum Genet.* 2023 May 16:1-7. doi: 10.1017/thg.2023.17. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37189213/>
22. Funaki S, Ogawa K, Ozawa N, Hosoya S, Okamoto A, Urayama KY, Morisaki N, Sago H. **Association between fetal sex and pregnancy outcomes among women with twin pregnancies: a multicenter cross-sectional study.** *Arch Gynecol Obstet.* 2023 May;307(5):1397-1405. doi: 10.1007/s00404-022-06623-z. Epub 2022 May 27.  
<https://pubmed.ncbi.nlm.nih.gov/35624168/>



23. Gao Z, Sun J, Cai C, Gong X, Ma L. **Pseudohypaldosteronism type 1b in fraternal twins of a Chinese family: report of two cases and literature review.** Arch Endocrinol Metab. 2023 May 12;67(4):e000620. doi: 10.20945/2359-3997000000620.  
<https://pubmed.ncbi.nlm.nih.gov/37252702/>
24. Gawie-Rotman M, Menashe S, Haggiag N, Shrim A, Hallak M, Gabbay-Benziv R. **The Accuracy of Sonographically Estimated Fetal Weight and Prediction of Small for Gestational Age in Twin Pregnancy-Comparison of the First and Second Twins.** J Clin Med. 2023 May 6;12(9):3307. doi: 10.3390/jcm12093307.  
<https://pubmed.ncbi.nlm.nih.gov/37176747/>
25. Gidziela A, Malanchini M, Rimfeld K, McMillan A, Ronald A, Viding E, Pike A, Asbury K, Eley TC, von Stumm S, Plomin R. **Explaining the influence of non-shared environment (NSE) on symptoms of behaviour problems from preschool to adulthood: mind the missing NSE gap.** J Child Psychol Psychiatry. 2023 May;64(5):747-757. doi: 10.1111/jcpp.13729. Epub 2022 Nov 27.  
<https://pubmed.ncbi.nlm.nih.gov/36436837/>
26. Greatholder I, Tomlinson E, Wilkinson J, Higgins LE, Kilby MD, Heazell AEP. **Evaluating antenatal risk in twin pregnancies-A feasibility study to identify modifiable factors associated with adverse pregnancy outcomes.** Acta Obstet Gynecol Scand. 2023 May;102(5):585-596. doi: 10.1111/aogs.14540. Epub 2023 Mar 24.  
<https://pubmed.ncbi.nlm.nih.gov/36961126/>
27. Gupta A, Terrell JA, Mudie LI, Shetlar DJ, Yen MT. **Orbital Dermoid Cysts in Monozygotic Twins.** Ophthalmic Plast Reconstr Surg. 2023 May 2. doi: 10.1097/IOP.0000000000002401. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37133396/>
28. Hagenbeek FA, Hirzinger JS, Breunig S, Bruins S, Kuznetsov DV, Schut K, Odintsova VV, Boomsma DI. **Maximizing the value of twin studies in health and behaviour.** Nat Hum Behav. 2023 May 15. doi: 10.1038/s41562-023-01609-6. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37188734/>
29. Hur YM. **Relationship between cognitive ability and emotional problems in the context of poverty: a Nigerian adolescent twin study.** Eur Child Adolesc Psychiatry. 2023 May 26. doi: 10.1007/s00787-023-02230-8. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37237243/>
30. Hur YM. **Secular Trends of Birth Weight in Twins and Singletons in South Korea from 2000 to 2020.** Twin Res Hum Genet. 2023 May 4:1-6. doi: 10.1017/thg.2023.16. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37139778/>



31. Jamnik MR, DiLalla LF. **The impact of dopamine receptor D4, temperamental negativity, and household chaos on young twins' externalizing behaviors.** Dev Psychobiol. 2023 May;65(4):e22387. doi: 10.1002/dev.22387.  
<https://pubmed.ncbi.nlm.nih.gov/37073589/>
32. Jonsson L, Martin J, Lichtenstein P, Magnusson PKE, Lundström S, Westberg L, Tammimies K. **Examining neurodevelopmental problems in 15q11.2 (BP1-BP2) copy number variation carriers at ages 9/12 and 18 in a Swedish twin sample.** Mol Genet Genomic Med. 2023 May 8:e2191. doi: 10.1002/mgg3.2191. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37156729/>
33. Kendler KS, Aggen SH. **A population-based twin study of the symptomatic diagnostic criteria for major depression that occur within versus outside of major depressive episodes.** Psychol Med. 2023 May 8:1-8. doi: 10.1017/S0033291723001241. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37154209/>
34. Kilicarslan N, Gurbuz H, Tasgoz FN, Karaca U, Karasu D, Gamli M. **Factors influencing neonatal outcomes in twin pregnancies undergoing cesarean section: a cross-sectional study.** Rev Assoc Med Bras (1992). 2023 May 19;69(5):e20221464. doi: 10.1590/1806-9282.20221464. eCollection 2023.  
<https://pubmed.ncbi.nlm.nih.gov/37222324/>
35. Kim JY, Lee HY, Lee SY, Kim SY, Park JL, Lee SD. **DNA methylome profiling of blood to identify individuals in a pair of monozygotic twins.** Genes Genomics. 2023 May 17. doi: 10.1007/s13258-023-01396-4. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37198375/>
36. Kim SH, Jung YM, Park CW, Park JS, Jun JK, Park MH, Hwang HS, Lee SM. **Management of the smaller twin with impending compromise in twin pregnancies complicated by selective fetal growth restriction: a questionnaire-based study of clinical practice patterns.** BMC Pregnancy Childbirth. 2023 May 12;23(1):344. doi: 10.1186/s12884-023-05616-3.  
<https://pubmed.ncbi.nlm.nih.gov/37173629/>
37. Kininmonth AR, Herle M, Haycraft E, Farrow C, Tommerup K, Croker H, Pickard A, Edwards K, Blissett J, Llewellyn C. **Reciprocal associations between parental feeding practices and child eating behaviours from toddlerhood to early childhood: bivariate latent change analysis in the Gemini cohort.** J Child Psychol Psychiatry. 2023 May 15. doi: 10.1111/jcpp.13819. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37183771/>



38. Kristensen SE, Ekelund CK, Sandager P, Jørgensen FS, Hoseth E, Sperling L, Balaganeshan SB, Hjortshøj TD, Gadsbøll K, Wright A, Wright D, McLennan A, Sundberg K, Petersen OB. **Risks and pregnancy outcome after fetal reduction in dichorionic twin pregnancies: a Danish national retrospective cohort study.** Am J Obstet Gynecol. 2023 May;228(5):590.e1-590.e12. doi: 10.1016/j.ajog.2022.10.028. Epub 2022 Oct 29.  
<https://pubmed.ncbi.nlm.nih.gov/36441092/>
39. Kruse M, Hornemann S, Ost AC, Frahnow T, Hoffmann D, Busjahn A, Osterhoff MA, Schuppelius B, Pfeiffer AFH. **An Isocaloric High-Fat Diet Regulates Partially Genetically Determined Fatty Acid and Carbohydrate Uptake and Metabolism in Subcutaneous Adipose Tissue of Lean Adult Twins.** Nutrients. 2023 May 16;15(10):2338. doi: 10.3390/nu15102338.  
<https://pubmed.ncbi.nlm.nih.gov/37242220/>
40. Lamothe PA, Runnstrom M, Smirnova N, Flores FC, Shepherd A, Park J, Lee FE. **Allergic bronchopulmonary aspergillosis in identical twins: Effectiveness of dupilumab.** J Allergy Clin Immunol Pract. 2023 May;11(5):1556-1558.e2. doi: 10.1016/j.jaip.2022.12.049. Epub 2023 Jan 25.  
<https://pubmed.ncbi.nlm.nih.gov/36706986/>
41. Lapa DA, Acácio GL, Trigo L, Goncalves RT, Catissi G, Gato B, Brandt R. **Biocellulose patch repair technique for fetoscopic spina bifida repair in twin pregnancy: moving toward a new recommendation for prenatal treatment.** Ultrasound Obstet Gynecol. 2023 May 1. doi: 10.1002/uog.26236. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37128166/>
42. Lee J, Kim YJ, Heo Y, Lee HJ. **A case report of mucinous cystadenoma with contralateral serous cystadenofibroma in identical twin.** Heliyon. 2023 May 17;9(5):e16345. doi: 10.1016/j.heliyon.2023.e16345. eCollection 2023 May.  
<https://pubmed.ncbi.nlm.nih.gov/37234635/>
43. Lipworth H, Amir K, Arruda I, Fockler M, Jung E, Po L, Barrett J, Melamed N. **A new care pathway to optimize gestational weight gain in twin pregnancies.** Am J Obstet Gynecol MFM. 2023 May 13;5(8):101018. doi: 10.1016/j.ajogmf.2023.101018. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37187262/>
44. Lopriore E. **Long-term outcome in twins: on the importance of follow-up but also of chorionicity.** BJOG. 2023 May 7. doi: 10.1111/1471-0528.17523. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37260301/>



- 
45. Mataix-Cols D, de la Cruz LF, de Schipper E, Kuja-Halkola R, Bulik CM, Crowley JJ, Neufeld J, Rück C, Tammimies K, Lichtenstein P, Bölte S, Beucke JC. **In search of environmental risk factors for obsessive-compulsive disorder: Study protocol for the OCDTWIN project.** Res Sq. 2023 May 11:rs.3.rs-2897566. doi: 10.21203/rs.3.rs-2897566/v1. Preprint.  
<https://pubmed.ncbi.nlm.nih.gov/37215041/>
46. Matsuyama S, Matsumoto F, Matsui F, Yazawa K. **Prenatally diagnosed giant umbilical cord resulted from patent urachus in a monochorionic diamniotic twin with selective intrauterine growth restriction.** Urol Case Rep. 2023 May 20;49:102440. doi: 10.1016/j.eucr.2023.102440. eCollection 2023 Jul.  
<https://pubmed.ncbi.nlm.nih.gov/37250966/>
47. McBride O, van Bezooijen J, Aggen SH, Kendler KS, Fried EI. **Quantifying skip-out information loss when assessing major depression symptoms.** J Psychopathol Clin Sci. 2023 May;132(4):396-408. doi: 10.1037/abn0000805. Epub 2023 Mar 27.  
<https://pubmed.ncbi.nlm.nih.gov/36972115/>
48. Meng D, Zhou P, Li M, Xu J, Lu L, Guo Y, Yu C, Xu Y, Xu X, Fang C, Yan J. **Distinguishing between monozygotic twins' blood samples through immune repertoire sequencing.** Forensic Sci Int Genet. 2023 May;64:102828. doi: 10.1016/j.fsigen.2023.102828. Epub 2023 Jan 8.  
<https://pubmed.ncbi.nlm.nih.gov/36682099/>
49. Mikolicz A, Simon B, Gáspár O, Shahbazi A, Vag J. **Reproducibility of the digital palate in forensic investigations, a two-year retrospective cohort study of twins.** J Dent. 2023 May 23:104562. doi: 10.1016/j.jdent.2023.104562. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37230239/>
50. Miremberg H, Rosen H, Weisz B, Tirosh D, Hershkovitz R, Stern S, Porat S, Beloshevski B, Melcer Y, Goldberg Y, Boms Yonai N, Awawdeh M, Leibovitz Z, Shalev J, Gindes L. **Adverse outcome following selective termination of presenting twin vs non-presenting twin.** Ultrasound Obstet Gynecol. 2023 Jun;61(6):705-709. doi: 10.1002/uog.26170. Epub 2023 May 11.  
<https://pubmed.ncbi.nlm.nih.gov/37167535/>
51. Mohammadnejad A, Soerensen M, Mengel-From J, Nygaard M, Timofeeva M, He L, Clemmensen SB, Halekoh U, Dahlrot RH, Tan Q, Hjelmberg JVB. **Identifying genetic variants regulating MGMT gene expression - A study in monozygotic Danish twins.** Genomics. 2023 May;115(3):110616. doi: 10.1016/j.ygeno.2023.110616. Epub 2023 Mar 21.  
<https://pubmed.ncbi.nlm.nih.gov/36948276/>



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52. Ni W, Deng K, Chen Y, Li L, Liu J, Ju W, Wang L. **Pregnant woman with acute promyelocytic leukemia delivers healthy twins and is cured successfully: A case report.** Exp Ther Med. 2023 Mar 22;25(5):206. doi: 10.3892/etm.2023.11905. eCollection 2023 May.  
<https://pubmed.ncbi.nlm.nih.gov/37090074/>
53. Nisly GRC, Dillon J, Darling A, Myers S, Al Shibli N, Gatta LA, West-Honart A, Wheeler S, Grace M, Dotters-Katz S. **Risk Factors for Adverse Maternal Outcomes Among Patients with Severe Preeclampsia Before 34 Weeks.** Am J Perinatol. 2023 May 24. doi: 10.1055/a-2099-3912. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37225125/>
54. O'Connor C, O'Connor E, Leitao S, Barrett S, O'Donoghue K. **Clinical practice guidelines for the antenatal management of dichorionic diamniotic twin pregnancies: a systematic review.** BMC Pregnancy Childbirth. 2023 May 13;23(1):347. doi: 10.1186/s12884-023-05652-z.  
<https://pubmed.ncbi.nlm.nih.gov/37179347/>
55. Ojalehto E, Finkel D, Russ TC, Karlsson IK, Ericsson M. **Influences of genetically predicted and attained education on geographic mobility and their association with mortality.** Soc Sci Med. 2023 May;324:115882. doi: 10.1016/j.socscimed.2023.115882. Epub 2023 Mar 31.  
<https://pubmed.ncbi.nlm.nih.gov/37030096/>
56. Ontiveros J, Gunnarsdóttir J, Guðnadóttir SA, Aspelund T, Einarsdóttir K. **Twin birth rates and obstetric interventions in Iceland: A nationwide study from 1997 to 2018.** Int J Gynaecol Obstet. 2023 May 2. doi: 10.1002/ijgo.14817. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37128945/>
57. Onu JU, Olatayo TI, Okorie AC, Ohaeri JU. **Family, twin and adoption studies of severe mental disorders in sub-Saharan Africa: a scoping review.** Soc Psychiatry Psychiatr Epidemiol. 2023 May;58(5):685-692. doi: 10.1007/s00127-022-02407-7. Epub 2022 Dec 21.  
<https://pubmed.ncbi.nlm.nih.gov/36542114/>
58. Oostra RJ, Solt I, Boer LL. **Craniorachipagus symmetric conjoined twinning: Identification of a fourth case and delineation of the phenotype.** Birth Defects Res. 2023 May 25. doi: 10.1002/bdr2.2204. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37226853/>
59. Ott KC, Scorletti F, Madsen KM, Alhajjat AM, Pombar XF, Shaaban AF. **Cord occlusion, division and disentanglement in complicated monochorionic monoamniotic twin pregnancy.** Ultrasound Obstet Gynecol. 2023 May;61(5):651-653. doi: 10.1002/uog.26131.  
<https://pubmed.ncbi.nlm.nih.gov/36436196/>





60. Padrela BE, Lorenzini L, Collij LE, García DV, Coomans E, Ingala S, Tomassen J, Deckers Q, Shekari M, Geus EJ, van de Giessen E, Kate MT, Visser PJ, Barkhof F, Petr J, Braber AD, Mutsaerts HJ. **Genetic, vascular, and amyloid components of cerebral blood flow in a preclinical population.** J Cereb Blood Flow Metab. 2023 May 26;271678X231178993. doi: 10.1177/0271678X231178993. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/37231665/>
61. Pauphilet V, Goffinet F, Korb D, Zeitlin J, Torchin H, Schmitz T; Jumeaux Mode d'Accouchement (JUMODA) study group and the Groupe de Recherche en Obstétrique et Gynécologie (GROG). **Mother-child separation after twin birth in a maternity unit with an appropriate level of neonatal care.** Int J Gynaecol Obstet. 2023 May 17. doi: 10.1002/ijgo.14851. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/37194441/>
62. Pettersson E, Larsson H, D'Onofrio BM, Lichtenstein P. **Associations Between General and Specific Psychopathology Factors and 10-Year Clinically Relevant Outcomes in Adult Swedish Twins and Siblings.** JAMA Psychiatry. 2023 May 10:e231162. doi: 10.1001/jamapsychiatry.2023.1162. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/37163290/>
63. Pritts TA. **Long-Term Impact of Trauma in Twins.** JAMA Surg. 2023 May 17. doi: 10.1001/jamasurg.2023.1568. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/37195710/>
64. Priyanka P, Abraham K, Navneetham P, Abraham A, Regi A. **Vaginal birth as compared with cesarean section in preterm twins-Experience from a tertiary center of a middle-income country.** Int J Gynaecol Obstet. 2023 May;161(2):560-567. doi: 10.1002/ijgo.14589. Epub 2022 Dec 9. <https://pubmed.ncbi.nlm.nih.gov/36426856/>
65. Puranik RU, Joshi P, Jahanvi V, Handu AT, Puli KR. **Antenatally detected fetus in fetu case report.** BJR Case Rep. 2023 May 3;9(3):20230001. doi: 10.1259/bjrcr.20230001. <https://pubmed.ncbi.nlm.nih.gov/37265754/>
66. Rissanen AS, Loukovaara M, Gissler M, Nupponen IK, Nuutila ME, Jernman RM. **Mode of delivery of Finnish dichorionic and monochorionic-diamniotic twins: A retrospective observational study including a risk score for intrapartum cesarean birth.** Health Sci Rep. 2023 May 9;6(5):e1236. doi: 10.1002/hsr2.1236. <https://pubmed.ncbi.nlm.nih.gov/37181664/>
67. Schernhammer E, Bogl L, Hublin C, Strohmaier S, Zebrowska M, Erber A, Haghayegh S, Papantoniou K, Ollikainen M, Kaprio J. **The association between night shift work and breast cancer risk in the Finnish twins cohort.** Eur J Epidemiol. 2023 May;38(5):533-543. doi: 10.1007/s10654-023-00983-9. Epub 2023 Mar 25. <https://pubmed.ncbi.nlm.nih.gov/36964875/>



68. Segal NL. **Role of Twins in Waardenburg Syndrome: 1916 - present/Twin Research Reviews: MZ Twins' Different Dermatoglyphics; Twins with Sagittal Suture Cranosynostosis; Blood Pressure in Female Twins; MZ Twins' Education and Political Knowledge/Media Reports: Twins Created by Reciprocal In Vitro Fertilization; Reared-Apart Triplets' Limited TV Series; Abducted Twin Infants; Winkelvoss Twins Charged by the Securities and Exchange Commission; Going From 'Me' to 'We'**. Twin Res Hum Genet. 2023 May 12;1-4. doi: 10.1017/thg.2023.13. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37170787/>
69. Segal Y, Hadar O, Lhotska L. **Using EfficientNet-B7 (CNN), Variational Auto Encoder (VAE) and Siamese Twins' Networks to Evaluate Human Exercises as Super Objects in a TSSCI Images**. J Pers Med. 2023 May 22;13(5):874. doi: 10.3390/jpm13050874.  
<https://pubmed.ncbi.nlm.nih.gov/37241044/>
70. Shinohara S, Horiuchi S, Shinohara R, Otawa S, Kushima M, Miyake K, Yui H, Kojima R, Ooka T, Akiyama Y, Yokomichi H, Yamagata Z; Japan Environment and Children's Study Group. **Multiple pregnancy as a potential risk factor for postpartum depression: The Japan Environment and Children's Study**. J Affect Disord. 2023 May 15;329:218-224. doi: 10.1016/j.jad.2023.02.088. Epub 2023 Feb 25.  
<https://pubmed.ncbi.nlm.nih.gov/36849005/>
71. Sileo FG, Accurti V, Baschat A, Binder J, Carreras E, Chianchiano N, Cruz-Martinez R, D'Antonio F, Gielchinsky Y, Hecher K, Johnson A, Lopriore E, Massoud M, Nørgaard LN, Papaioannou G, Prefumo F, Salsi G, Simões T, Umstad M, Vavilala S, Yinon Y, Khalil A; MCTA Study Group. **Perinatal outcomes of monochorionic triplet pregnancies: multicenter cohort study**. Ultrasound Obstet Gynecol. 2023 May 19. doi: 10.1002/uog.26256. <https://pubmed.ncbi.nlm.nih.gov/37204929/>
72. Simon B, Mangano FG, Pál A, Simon I, Pellei D, Shahbazi A, Vág J. **Palatal asymmetry assessed by intraoral scans: effects of sex, orthodontic treatment, and twinning. A retrospective cohort study**. BMC Oral Health. 2023 May 18;23(1):305. doi: 10.1186/s12903-023-02993-1.  
<https://pubmed.ncbi.nlm.nih.gov/37202781/>
73. Song Z, Gurinovich A, Nygaard M, Mengel-From J, Andersen S, Cosentino S, Schupf N, Lee J, Zmuda J, Ukraintseva S, Arbeevev K, Christensen K, Perls T, Sebastiani P. **Rare genetic variants correlate with better processing speed**. Neurobiol Aging. 2023 May;125:115-122. doi: 10.1016/j.neurobiolaging.2022.11.018. Epub 2023 Jan 29.  
<https://pubmed.ncbi.nlm.nih.gov/36813607/>



- 
74. Sorrenti S, Di Mascio D, Khalil A, Persico N, D'antonio F, Zullo F, D'ambrosio V, Greenberg G, Hasson J, Vena F, Muzii L, Brunelli R, Giancotti A. **Pregnancy and perinatal outcomes of early vs late selective termination in dichorionic twin pregnancy: systematic review and meta-analysis.** Ultrasound Obstet Gynecol. 2023 May;61(5):552-558. doi: 10.1002/uog.26126. Epub 2023 Apr 12.  
<https://pubmed.ncbi.nlm.nih.gov/36412550/>
75. Spekman JA, El Emrani S, Schalij-Delfos NE, Slaghekke F, van Klink JMM, Lopriore E, Groene SG. **Association between fetal growth-restriction and retinopathy of prematurity using a unique identical twin model.** Pediatr Res. 2023 May 31. doi: 10.1038/s41390-023-02670-7. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37258717/>
76. Sun H, Liu Y, Zhang Y, Wang Y, Zhao Y, Liu Y. **Insulin-like growth factor 2 hypermethylation in peripheral blood leukocytes and colorectal cancer risk and prognosis: a propensity score analysis.** Front Oncol. 2023 May 5;13:971435. doi: 10.3389/fonc.2023.971435. eCollection 2023.  
<https://pubmed.ncbi.nlm.nih.gov/37213278/>
77. Tandberg BS, Grundt H, Moen A, Niela-Vilén H, Flacking R. **Prospective longitudinal comparative study showed that breastfeeding outcomes were comparable in preterm twins and singleton infants.** Acta Paediatr. 2023 May 8. doi: 10.1111/apa.16811. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37151109/>
78. Tang L, Pan P, Sun W, Qin J, Qin J, Qin Y, Huang P, Wei H. **[Clinical analysis of monozygotic-diamniotic twins with genetic discordance].** Zhonghua Yi Xue Yi Chuan Xue Za Zhi. 2023 May 10;40(5):538-542. doi: 10.3760/cma.j.cn511374-20221228-00895.  
<https://pubmed.ncbi.nlm.nih.gov/37102285/>
79. Truong QC, Numbers K, Choo CC, Bentvelzen AC, Catts VS, Cervin M, Jorm AF, Kochan NA, Brodaty H, Sachdev PS, Medvedev ON. **Establishing conversion of the 16-item Informant Questionnaire on Cognitive Decline in the Elderly scores into interval-level data across multiple samples using Rasch methodology.** Psychogeriatrics. 2023 May;23(3):411-421. doi: 10.1111/psyg.12946. Epub 2023 Feb 13.  
<https://pubmed.ncbi.nlm.nih.gov/36781176/>
80. van Bergen E, Hart SA, Latvala A, Vuoksimaa E, Tolvanen A, Torppa M. **Literacy skills seem to fuel literacy enjoyment, rather than vice versa.** Dev Sci. 2023 May;26(3):e13325. doi: 10.1111/desc.13325. Epub 2022 Sep 27.  
<https://pubmed.ncbi.nlm.nih.gov/36101942/>



81. van de Sande MJA, Lopriore E, Verweij EJT, de Bruin C, Slaghekke F, Tollenaar LSA.

**Lactate acidosis and hypoglycaemia in twin anaemia polycythemia sequence**

**donors.** Arch Dis Child Fetal Neonatal Ed. 2023 May;108(3):320-321. doi:

10.1136/archdischild-2022-323964. Epub 2022 Jul 4.

<https://pubmed.ncbi.nlm.nih.gov/35788032/>



- 
82. van Eekhout JCA, Bekker MN, Bax CJ, Galjaard RH. **Non-invasive prenatal testing (NIPT) in twin pregnancies affected by early single fetal demise: A systematic review of NIPT and vanishing twins.** Prenat Diagn. 2023 May 24. doi: 10.1002/pd.6388. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37226326/>
83. van Hoek MJC, van Klink JMM, Verweij EJT, Middeldorp JM, Haak MC, Lopriore E, Slaghekke F. **Perinatal outcome after selective fetal reduction in monochorionic twin pregnancies: A comparison of techniques over a 20-year period.** Prenat Diagn. 2023 May 11. doi: 10.1002/pd.6385. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37170409/>
84. Varjonen A, Schwarz C, Vuoksima E. **Co-twin design in brain imaging-review on biomarkers of Alzheimer's disease.** Cereb Cortex. 2023 May 25:bhad181. doi: 10.1093/cercor/bhad181. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37231165/>
85. Wang A, Zhang T, Li J, Wang W, Xu C, Duan H, Tian X, Zhang D. **Genetic and Environmental Correlation Analysis of Serum Creatinine Levels in Chinese Twins.** Twin Res Hum Genet. 2023 May 12:1-4. doi: 10.1017/thg.2023.20. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37170793/>
86. Wang M, Raza A, Narusyte J, Silventoinen K, Böckerman P, Svedberg P, Ropponen A. **Family-related life events as predictors of labour market marginalization trajectories: a cohort study of Swedish twins.** J Occup Environ Med. 2023 May 4. doi: 10.1097/JOM.0000000000002869. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37143233/>
87. Watts R, Rader L, Grant J, Filippi CG. **Genetic and Environmental Contributions to Subcortical Gray Matter Microstructure and Volume in the Developing Brain.** Behav Genet. 2023 May;53(3):208-218. doi: 10.1007/s10519-023-10142-1. Epub 2023 Apr 26.  
<https://pubmed.ncbi.nlm.nih.gov/37129746/>
88. Weitzner O, Barrett J, Murphy KE, Kingdom J, Aviram A, Mei-Dan E, Hirsch L, Ryan G, Mieghem TV, Abbasi N, Fox NS, Rebarber A, Berghella V, Melamed N. **National and International Guidelines on the Management of Twin Pregnancies: A Comparative Review.** Am J Obstet Gynecol. 2023 May 25:S0002-9378(23)00351-4. doi: 10.1016/j.ajog.2023.05.022. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37244456/>
89. Wilkie G, Leung K, Luring J. **Clinical Factors Associated with Intrapartum Presentation Change after Mechanical Cervical Ripening.** Am J Perinatol. 2023 May 19. doi: 10.1055/a-2081-2986. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37100420/>



- 
90. Wu YC, Zou T, Zhang JC, Yang LY, Yao Q. **Is a classical incision the only way to perform a near-term conjoined twins' cesarean section? Thoracopagus conjoined twin delivery by a low-segment transverse incision.** Am J Obstet Gynecol MFM. 2023 May;5(5):100880. doi: 10.1016/j.ajogmf.2023.100880. Epub 2023 Feb 12.  
<https://pubmed.ncbi.nlm.nih.gov/36787838/>
91. Yackobovitch-Gavan M, Atia Shmueli S, Morag I. **Neurodevelopmental Outcomes Among Infants Born Preterm Fed with Mother's Own Milk: Comparison of Singletons and Twins.** J Pediatr. 2023 May 15:113484. doi: 10.1016/j.jpeds.2023.113484. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37196779/>
92. Yazar V, Ruf WP, Knehr A, Günther K, Ammerpohl O, Danzer KM, Ludolph AC. **DNA Methylation Analysis in Monozygotic Twins Discordant for ALS in Blood Cells.** Epigenet Insights. 2023 May 4;16:25168657231172159. doi: 10.1177/25168657231172159. eCollection 2023.  
<https://pubmed.ncbi.nlm.nih.gov/37152709/>
93. Zhang H, Xiang G, Li J, He S, Wang Y, Deng A, Wang Y, Guo C. **Promotion effect of FGF23 on osteopenia in congenital scoliosis through FGFr3/TNAP/OPN pathway.** Chin Med J (Engl). 2023 May 16. doi: 10.1097/CM9.0000000000002690. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37192015/>
94. Zi Y, van Beijsterveldt CEM, Bartels M, de Geus EJC. **Genetic and Environmental Effects on the Early Motor Development as a Function of Parental Educational Attainment.** Med Sci Sports Exerc. 2023 May 12. doi: 10.1249/MSS.0000000000003209. Online ahead of print.  
<https://pubmed.ncbi.nlm.nih.gov/37184488/>