

# Prenatal exome sequencing analysis in fetal structural anomalies and normal ultrasonography (PAGE): a cohort study

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Ultrasound examination: The key to maximising the benefits of advances in molecular diagnostic technologies. Prenatal Diagnosis, 2019, 39, 663-665.	2.3	2
2	Prenatal chromosomal microarray testing of fetuses with ultrasound structural anomalies: A prospective cohort study of over 1000 consecutive cases. Prenatal Diagnosis, 2019, 39, 1064-1069.	2.3	16
4	Fetal arthrogryposis: Challenges and perspectives for prenatal detection and management. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2019, 181, 327-336.	1.6	29
5	Evaluation of Diagnostic Yield in Fetal Whole-Exome Sequencing: A Report on 45 Consecutive Families. Frontiers in Genetics, 2019, 10, 425.	2.3	33
6	Prenatally diagnosed developmental abnormalities of the central nervous system and genetic syndromes: A practical review. Prenatal Diagnosis, 2019, 39, 666-678.	2.3	27
7	Fetal phenotypes emerge as genetic technologies become robust. Prenatal Diagnosis, 2019, 39, 811-817.	2.3	37
8	Prenatal genetic considerations of congenital anomalies of the kidney and urinary tract (CAKUT). Prenatal Diagnosis, 2019, 39, 679-692.	2.3	39
9	Looking Back at Fetal Medicine in India in 2018, and Looking Forward to 2019. Journal of Fetal Medicine, 2019, 06, 47-50.	0.1	2
10	Is it feasible to select fetuses for prenatal WES based on the prenatal phenotype?. Prenatal Diagnosis, 2019, 39, 1039-1040.	2.3	14
11	Human Genetics and Fetal Disease: Assessment of the Fetal Genome. , 2019, , 36-47.		0
12	A comprehensive biomedical variant catalogue based on whole genome sequences of 582 dogs and eight wolves. Animal Genetics, 2019, 50, 695-704.	1.7	138
13	Prenatal Diagnosis of Fetuses With Increased Nuchal Translucency by Genome Sequencing Analysis. Frontiers in Genetics, 2019, 10, 761.	2.3	52
14	Introduction of genomics into prenatal diagnostics. Lancet, The, 2019, 393, 719-721.	13.7	13
15	Exome sequencing in the assessment of congenital malformations in the fetus and neonate. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2019, 104, fetalneonatal-2018-316352.	2.8	11
16	A systematic-based approach to the genetic etiologies of non-immune hydrops fetalis. Prenatal Diagnosis, 2019, 39, 732-750.	2.3	34
17	From diagnostic yield to clinical impact: a pilot study on the implementation of prenatal exome sequencing in routine care. Genetics in Medicine, 2019, 21, 2303-2310.	2.4	41
18	Antenatal Fetal Assessment: 75 Years Later (1945-2019). Journal of Obstetrics and Gynaecology Canada, 2019, 41, S276-S280.	0.7	0
19	Relationships between the clinical phenotypes and genetic variants associated with the immunological mechanism in childhood idiopathic nephrotic syndrome: protocol for a prospective observational single-centre cohort study. BMJ Open, 2019, 9, e028717.	1.9	0

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20	Å%valuation fÅ“tale prÅ©nataleÅ: 75Åans plus tard (1945-2019). Journal of Obstetrics and Gynaecology Canada, 2019, 41, S281-S286.	0.7	0
21	Chromosomal copy number variations in products of conception from spontaneous abortion by next-generation sequencing technology. Medicine (United States), 2019, 98, e18041.	1.0	17
22	From sub-microscopic variants to the resolution of a single base pair: Exome sequencing in prenatal diagnosis. European Journal of Medical Genetics, 2020, 63, 103779.	1.3	0
23	Perspectives of US private payers on insurance coverage for pediatric and prenatal exome sequencing: Results of a study from the Program in Prenatal and Pediatric Genomic Sequencing (P3EGS). Genetics in Medicine, 2020, 22, 283-291.	2.4	41
24	Contribution of single-€gene defects to congenital cardiac left-€sided lesions in the prenatal setting. Ultrasound in Obstetrics and Gynecology, 2020, 56, 225-232.	1.7	32
25	Two novel mutations of <i>COL1A1</i> in fetal genetic skeletal dysplasia of Chinese. Molecular Genetics & Genomic Medicine, 2020, 8, e1105.	1.2	8
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28	Diagnosis of fetal abnormalities using exome sequencing: translating research into practice. Ultrasound in Obstetrics and Gynecology, 2020, 56, 779-779.	1.7	2
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33	A prenatally diagnosed case of Donnai-€Barrow syndrome: Highlighting the importance of whole exome sequencing in cases of consanguinity. American Journal of Medical Genetics, Part A, 2020, 182, 289-292.	1.2	9
34	The current and future impact of genome-wide sequencing on fetal precision medicine. Human Genetics, 2020, 139, 1121-1130.	3.8	20
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36	Positive Rate of Noninvasive Prenatal Screening for Pregnancies with Fetal Congenital Heart Disease and Its Impact on Pregnancy Outcome. Maternal-Fetal Medicine, 2020, 2, 84-88.	0.8	0
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39	Genome-wide noninvasive prenatal diagnosis of monogenic disorders: Current and future trends. Computational and Structural Biotechnology Journal, 2020, 18, 2463-2470.	4.1	22
40	Single nucleotide polymorphism array analysis of 102 patients with developmental delay and/or intellectual disability from Fujian, China. Clinica Chimica Acta, 2020, 510, 638-643.	1.1	2
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42	Noninvasive prenatal sequencing for multiple Mendelian monogenic disorders among fetuses with skeletal dysplasia or increased nuchal translucency. Prenatal Diagnosis, 2020, 40, 1459-1465.	2.3	11
43	Exome sequencing improves genetic diagnosis of fetal increased nuchal translucency. Prenatal Diagnosis, 2020, 40, 1426-1431.	2.3	22
44	Rapid prenatal diagnosis of skeletal dysplasia using medical trio exome sequencing: Benefit for prenatal counseling and pregnancy management. Prenatal Diagnosis, 2020, 40, 577-584.	2.3	42
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56	Whole-exome sequencing in the evaluation of fetal congenital anomalies of the kidney and urinary tract detected by ultrasonography. <i>Prenatal Diagnosis</i> , 2020, 40, 1290-1299.	2.3	24
57	Benefits and limitations of noninvasive prenatal aneuploidy screening. <i>JAAPA: Official Journal of the American Academy of Physician Assistants</i> , 2020, 33, 49-53.	0.3	4
58	Prenatal exome sequencing in fetuses with congenital heart defects. <i>Clinical Genetics</i> , 2020, 98, 215-230.	2.0	23
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67	A prospective study on rapid exome sequencing as a diagnostic test for multiple congenital anomalies on fetal ultrasound. <i>Prenatal Diagnosis</i> , 2020, 40, 1300-1309.	2.3	36
68	Comprehensive clinically oriented workflow for nucleotide level resolution and interpretation in prenatal diagnosis of de novo apparently balanced chromosomal translocations in their genomic landscape. <i>Human Genetics</i> , 2020, 139, 531-543.	3.8	9
69	Genetic Examination for Fetuses with Increased Fetal Nuchal Translucency by Genomic Technology. <i>Cytogenetic and Genome Research</i> , 2020, 160, 57-62.	1.1	22
70	Genetic diagnosis in the fetus. <i>Journal of Perinatology</i> , 2020, 40, 997-1006.	2.0	10
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72	Dietary modification, penetrance, and the origins of congenital malformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5097-5099.	7.1	1
73	Increased nuchal translucency: diagnostic value of RASopathy disorder testing. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 55, 423-424.	1.7	1
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76	Next-generation sequencing in prenatal setting: Some examples of unexpected variant association. <i>European Journal of Medical Genetics</i> , 2020, 63, 103875.	1.3	10
77	An approach to integrating exome sequencing for fetal structural anomalies into clinical practice. <i>Genetics in Medicine</i> , 2020, 22, 954-961.	2.4	49
78	The prevalence of genetic diagnoses in fetuses with severe congenital heart defects. <i>Genetics in Medicine</i> , 2020, 22, 1206-1214.	2.4	48
79	De novo damaging variants associated with congenital heart diseases contribute to the connectome. <i>Scientific Reports</i> , 2020, 10, 7046.	3.3	34
80	Nonimmune hydrops fetalis: Genetic analysis and clinical outcome. <i>Prenatal Diagnosis</i> , 2020, 40, 803-812.	2.3	17
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88	Whole exome sequencing of fetal structural anomalies detected by ultrasonography. <i>Journal of Human Genetics</i> , 2021, 66, 499-507.	2.3	18
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90	Genotype-first in a cohort of 95 fetuses with multiple congenital abnormalities: when exome sequencing reveals unexpected fetal phenotype-genotype correlations. <i>Journal of Medical Genetics</i> , 2021, 58, 400-413.	3.2	18
91	The role of nextâ€”generation sequencing in the investigation of ultrasoundâ€”identified fetal structural anomalies. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021, 128, 420-429.	2.3	23
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120	Dealing with uncertain results from chromosomal microarray and exome sequencing in the prenatal setting: An international cross-sectional study with healthcare professionals. <i>Prenatal Diagnosis</i> , 2021, 41, 720-732.	2.3	13
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123	Prenatal evaluation of fetuses with structural anomalies- is it time to shift from microarray to genome sequencing?. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2021, 60, 389.	1.3	0
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133	Beyond Baby Siblingsâ€”Expanding the Definition of â€œHigh-Risk Infantsâ€”in Autism Research. <i>Current Psychiatry Reports</i> , 2021, 23, 34.	4.5	8
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138	Fetal hydrops and the Incremental yield of Nextâ€”generation sequencing over standard prenatal Diagnostic testing (<scp>FIND</scp>) study: prospective cohort study and metaâ€”analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 509-518.	1.7	27
139	The prenatal exome â€”a door to prenatal diagnostics?. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 465-474.	3.1	7
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157	Diagnostic yield of next-generation sequencing in fetuses with isolated increased nuchal translucency: systematic review and meta-analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2022, 59, 26-32.	1.7	14
158	The fetus in the age of the genome. <i>Human Genetics</i> , 2022, 141, 1017-1026.	3.8	3
159	Comprehensive non-invasive prenatal screening for pregnancies with elevated risks of genetic disorders: protocol for a prospective, multicentre study. <i>BMJ Open</i> , 2021, 11, e053617.	1.9	3
160	Utility of fetal whole exome sequencing in the etiological evaluation and outcome of nonimmune hydrops fetalis. <i>Prenatal Diagnosis</i> , 2021, 41, 1414-1424.	2.3	7
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