**Supplementary Table 2**: Excluded studies and reason for exclusion

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| --- | --- | --- |
| **Author** | **Year** | **Reason for exclusion** |
| Ghali1 | 2014 | No data on the outcomes explored in this systematic review |
| Tonni2 | 2014 | No data on the outcomes explored in this systematic review |
| Leibovitz3 | 2014 | No data on the outcomes analysed in this review |
| Leibovitz4 | 2014 | No data on the outcomes analysed in this review |
| Boddaert5 | 2013 | It was no possible to extract the data for the cases diagnosed prenatally, authors contacted, no reply |
| Brusius6 | 2013 | Only symptomatic patients referred to surgery included in this series |
| Garcia-Posada7 | 2013 | No data on the rate of chromosomal abnormalities in fetuses with isolated malformations. Therefore we could not assess the other outcomes explored in the current systematic review |
| Hamisa8 | 2013 | No data on the outcomes analysed in this review |
| Garcia-Flores9 | 2013 | No data on isolated posterior fossa anomalies provided (the included fetuses did not have karyotype analysis) and no data on the other outcomes explored in this systematic review were reported |
| Massoud10 | 2013 | No data on the posterior fossa anomalies explored in the current systematic review |
| Quarello11 | 2012 | No data on the posterior fossa anomalies explored in the current systematic review |
| Yinon12 | 2013 | No differentiation between isolated and not isolated cases, nor among the various posterior fossa anomalies |
| Ghi13 | 2012 | No data on the outcomes explored in this systematic review reported |
| Griffiths14 | 2012 | No data on the outcomes observed in this review reported; no differentiation between isolated and not isolated cases, not among the various posterior fossa anomalies |
| Kul15 | 2012 | No data on the outcomes observed in this review reported |
| Rizzo16 | 2012 | Only data on normal fetuses reported |
| Volpe17 | 2012 | No data on the outcomes explored in this systematic review reported |
| Wellesley18 | 2012 | No data on the various posterior fossa anomalies provided |
| Lachmann19 | 2012 | No information about the presence of associated structural anomalies were reported so it was not possible to state whether the 4 cases included in this series were isolated or not. Additionally, there were no data on the outcomes reported in the current review |
| Gonzales20 | 2012 | Article not in English language |
| Liao21 | 2012 | Only cases with additional structural anomalies reported in this series |
| Dhouib22 | 2011 | No data on isolated posterior fossa anomalies could be extracted |
| Egle23 | 2011 | Posterior fossa abnormalities not clearly defined |
| Rizzo24 | 2011 | No data on the outcomes explored in this systematic review |
| Papastefanou25 | 2011 | No data on the outcomes reported in this review |
| Ghavami26 | 2011 | No data on the outcomes explored in this review |
| Ozkan27 | 2011 | No information on the 5 cases of DWM included in this series could be extracted. Authors contacted, no reply |
| Cornips28 | 2010 | No data on prenatal diagnosis reported |
| Peruzzi29 | 2010 | No cases of posterior fossa included; nor data on the outcomes explored in this review reported |
| Wong30 | 2010 | No data on the outcomes explored in this systematic review |
| Brennan31 | 2010 | Review on post-natal diagnosis of posterior fossa abnormalities |
| Rouleau32 | 2010 | Only cases undergoing pregnancy termination were included in this series |
| Hosny33 | 2010 | No data on the outcomes analysed in this systematic review |
| Bolduc34 | 2009 | Systematic review, no original data reported |
| Kapur35 | 2009 | Posterior fossa anomalies not clearly defined; autopsy based study |
| Tepper36 | 2009 | No data on the outcomes analysed in this systematic  review |
| Zalel37 | 2009 | Only normal fetuses included, no data on the outcomes explored in this systematic review |
| Tang38 | 2009 | No information on the presence of extra cranial anomalies or abnormal karyotype |
| Alkan39 | 2009 | No data on the outcomes explored in this systematic review |
| Goetzinger40 | 2008 | No data on the outcomes explored in this systematic review, Dandy Walker malformation not clearly defined. |
| Salihu41 | 2008 | No differentiation between pre and postnatal diagnosis reported. It was not possible to extract data from cases diagnosed pre-natally |
| Limperopulous42 | 2008 | No data for the outcomes explored in this systematic review could be extrapolated from this series |
| Hadzagic-Catibusic43 | 2008 | Only cases admitted to the hospital reported in this series |
| Akgun44 | 2007 | Autopsy-based study; no data on the outcomes observed in this review |
| Harper45 | 2007 | No data for isolated cases of Dandy Walker malformation could be extracted from this series |
| Oh46 | 2007 | Teaching review, no data on the outcomes explored in this systematic review could be extracted |
| Robinson47 | 2007 | Review, no original data provided |
| Russo48 | 2007 | Autopsy-based study |
| Koktener49 | 2007 | Only normal fetuses included in this study |
| Sohn50 | 2007 | No data reported on the outcomes observed in this review |
| Tilea51 | 2007 | Autopsy-based study |
| Zimmer52 | 2007 | No data on prenatal diagnosis reported. |
| Tilea53 | 2006 | No data on the outcomes analysed in this review |
| Paladini54 | 2006 | No data on the outcomes analysed in this systematic review |
| Phillips55 | 2006 | Autopsy-based study |
| Pilu56 | 2006 | Cases included in the papers by Gandolfi-Colleoni et al |
| Limperopulous57 | 2006 | All the cases (except 2) were included in a more recent series (Tarui et al) |
| Vinals58 | 2005 | Only normal fetuses included, no data on the outcomes explored in this systematic review |
| Nizard59 | 2005 | No cases of isolated posterior fossa anomalies included in this series (1 case of isolated Dandy Walker variant excluded) |
| D’Addario60 | 2005 | No data on the outcomes observed in this systematic review reported |
| Blaicher61 | 2005 | Less than 3 cases of posterior fossa anomalies included; no data reported on the outcomes explored in the current systematic review |
| Frates62 | 2004 | No data reported on the outcomes observed in this systematic review; no differentiation between isolated and not isolated cases |
| Whitby63 | 2004 | No data reported on the outcomes observed in this systematic review |
| Claude64 | 2004 | No data reported on the outcomes observed in this systematic review |
| Klein65 | 2003 | No possible to extract the data from cases diagnosed pre-natally; authors contacted, no reply |
| Pierre-Kahn66 | 2003 | Review, no original data provided |
| Raybaud67 | 2003 | No data reported on the outcomes observed in this systematic review; no differentiation between isolated and not isolated case |
| Twickler68 | 2003 | No data reported on the outcomes observed in this systematic review; no differentiation between isolated and not isolated cases, nor on the various posterior fossa anomalies |
| Levine69 | 2003 | No data reported on the outcomes observed in this systematic review; no differentiation between isolated and not isolated cases, nor on the various posterior fossa anomalies |
| Ben-Ami70 | 2002 | Only data on normal fetuses reported |
| Zalel71 | 2002 | No data reported on the outcomes analysed in this systematic review |
| Malinger72 | 2001 | Only data on normal fetuses reported |
| Whitby73 | 2001 | No data reported on the outcomes observed in this systematic review |
| Carrol74 | 2000 | Autopsy-based study. |
| Hata75 | 2000 | No data reported on the outcomes observed in this systematic review; no differentiation between isolated and not isolated cases, nor on the various posterior fossa anomaliesLess than 3 cases of posterior fossa abnormalities |
| Simon76 | 2000 | No data reported on the outcomes observed in this systematic review; no differentiation between isolated and not isolated cases, nor on the various posterior fossa anomalies |
| Stazzone77 | 2000 | Only data on normal fetuses reported, no data on the outcomes analysed in this review |
| Calabrò78 | 2000 | Only two cases of postnatal diagnosis of Blake’s Pouch cyst reported |
| Kolbe79 | 2000 | No data on the outcomes explored in this systematic review |

**REFERENCES:**

1. Ghali R, Reidy K, Fink AM, Palma-Dias R. Perinatal and short-term neonatal outcomes of posterior fossa anomalies. *Fetal Diagn Ther* 2014; **35**: 108-11.
2. Tonni G, Grisolia G, Sepulveda W. Second trimester fetal neurosonography: reconstructing cerebral midline anatomy and anomalies using a novel three-dimensional ultrasound technique. *Prenat Diagn* 2014; **34**: 75-83
3. Leibovitz Z, Shkolnik C, Haratz KK, Malinger G, Shapiro I, Lerman-Sagie T. Assessment of fetal midbrain and hindbrain in mid-sagittal cranial plane by three-dimensional multiplanar sonography. Part 2: application of nomograms to fetuses with posterior fossa malformations. *Ultrasound Obstet Gynecol* 2014; **44**: 581-587
4. Leibovitz Z, Haratz KK, Malinger G, Shapiro I, Pressman C. Fetal posterior fossa dimensions: normal and anomalous development assessed in mid-sagittal cranial plane by three-dimensional multiplanar sonography. *Ultrasound Obstet Gynecol* 2014; **43**: 147-153.
5. Boddaert N. Desguerre I. Bahi-Buisson N. Romano S. Valayannopoulos V. Saillour Y. Seidenwurm D. Grevent D. Berteloot L. Lebre AS. Zilbovicius M. Puget S. Salomon R. Attie-Bitach T. Munnich A. Brunelle F. de Lonlay P. *Journal of Neuroradiology. Journal de* Neuroradiologie 2010; **37**: 220-230.
6. Brusius CV, Cavalheiro S. Endoscopic third ventriculostomy is a safe and effective procedure for the treatment of Blake's pouch cyst. *Arq Neuropsiquiatr* 2013; **71**: 545-548.
7. Garcia-Posada R, Eixarch E, Sanz M, Puerto B, Figueras F, Borrell A. Cisterna magna width at 11-13 weeks in the detection of posterior fossa anomalies. *Ultrasound Obstet Gynecol* 2013; **41**: 515-520.
8. Hamisa M., Dabees N., Ataalla W.M., Ziada D.H. Magnetic resonance imaging versus Ultrasound examination in detection of prenatal fetal brain anomalies. *Egyptian Journal of Radiology and Nuclear Medicine* 2013; **44**: 665-672.
9. Garcia-Flores J, Recio M, Uriel M, Cañamares M, Cruceyra M, Tamarit I, Carrascoso J, Espada M, Sáinz de la Cuesta R. Fetal magnetic resonance imaging and neurosonography in congenital neurological anomalies: supplementary diagnostic and postnatal prognostic value. J *Matern Fetal Neonatal Med* 2013; **26**: 1517-1523.
10. . Massoud M., Clerc J., Cagneux M., Vasiljevic A., Massardier J., Doret M., Gaucherand P., Des Portes V., Guibaud L. Prenatal diagnosis of cerebellar cortical dysplasia associated with abnormalities of foliation. *Ultrasound in obstetrics & Gynecology* 2012; **40**: 243-244.
11. Quarello E, Molho M, Garel C, Couture A, Legac MP, Moutard ML, Bault JP, Fallet-Bianco C, Guibaud L. Prenatal abnormal features of the fourth ventricle in Joubert syndrome and related disorders. *Ultrasound Obstet Gynecol* 2014; **43**: 227-232.
12. Yinon Y, Katorza E, Nassie DI, Ben-Meir E, Gindes L, Hoffmann C, Lipitz S, Achiron R, Weisz B. Late diagnosis of fetal central nervous system anomalies following a normal second trimester anatomy scan. *Prenat Diagn* 2013; **33**: 929-34.
13. Ghi T, Contro E, De Musso F, Farina A, Conturso R, Bonasoni P, Salsi G, Youssef A, Rizzo N, Pilu G. Normal morphometry of fetal posterior fossa at midtrimester: brainstem-tentorium angle and brainstem-vermis angle. *Prenat Diagn* 2012; **32**: 440-443.
14. Griffiths PD, Porteous M, Mason G, Russell S, Morris J, Fanou EM, Reeves MJ. The use of in utero MRI to supplement ultrasound in the foetus at high risk of developmental brain or spine abnormality. *Br J Radiol* 2012; **85**: e1038-1045.
15. Kul S, Korkmaz HA, Cansu A, Dinc H, Ahmetoglu A, Guven S, Imamoglu M. Contribution of MRI to ultrasound in the diagnosis of fetal anomalies. *J Magn Reson Imaging* 2012; **35**: 882-890.
16. Rizzo G, Pietrolucci ME, Mammarella S, Dijmeli E, Bosi C, Arduini D. Assessment of cerebellar vermis biometry at 18-32 weeks of gestation by three-dimensional ultrasound examination. *J Matern Fetal Neonatal Med* 2012; **25**: 519-522.
17. Volpe P, Contro E, De Musso F, Ghi T, Farina A, Tempesta A, Volpe G, Rizzo N, Pilu G. Brainstem-vermis and brainstem-tentorium angles allow accurate categorization of fetal upward rotation of cerebellar vermis. *Ultrasound Obstet Gynecol* 2012; **39**: 632-635.
18. Wellesley D., Dolk H., Boyd P.A., Greenlees R., Haeusler M., Nelen V., Garne E., Khoshnood B., Doray B., Rissmann A., Mullaney C., Calzolari E., Bakker M., Salvador J., Addor M.-C., Draper E., Rankin J., Tucker D. Rare chromosome abnormalities, prevalence and prenatal diagnosis rates from population-based congenital anomaly registers in Europe. *European Journal of Human Genetics* 2012; **20**: 521-526.
19. Lachmann R, Sinkovskaya E, Abuhamad A. Posterior brain in fetuses with Dandy-Walker malformation with complete agenesis of the cerebellar vermis at 11-13 weeks: a pilot study. *Prenat Diagn* 2012; **32**: 765-769.
20. Gonzales PT, Mira MG, Valero De Barnabè J, Zapardiel I. Diagnostico diferencial de las distintas variants del syndrome de Dandy-Walker *Ginecol Obstet Mex* 2012; **80**: 534-539..
21. Liao C. Fu F. Li R. Yang X. Xu Q. Li DZ. Prenatal diagnosis and molecular characterization of a novel locus for Dandy-Walker malformation on chromosome 7p21.3. *European Journal of Medical Genetics* 2012; **55**: 472-475.
22. Dhouib A, Blondiaux E, Moutard ML, Billette de Villemeur T, Chalard F, Jouannic JM, Ducou le Pointe H, Garel C. Correlation between pre- and postnatal cerebral magnetic resonance imaging. *Ultrasound Obstet Gynecol* 2011; **38**: 170-178
23. Egle D, Strobl I, Weiskopf-Schwendinger V, Grubinger E, Kraxner F, Mutz-Dehbalaie IS, Strasak A, Scheier M. Appearance of the fetal posterior fossa at 11 + 3 to 13 + 6 gestational weeks on transabdominal ultrasound examination. *Ultrasound Obstet Gynecol* 2011; **38**: 620-624.
24. Rizzo G, Abuhamad AZ, Benacerraf BR, Chaoui R, Corral E, Addario VD, Espinoza J, Lee W, Mercé Alberto LT, Pooh R, Sepulveda W, Sinkovskaya E, Viñals F, Volpe P, Pietrolucci ME, Arduini D. Collaborative study on 3-dimensional sonography for the prenatal diagnosis of central nervous system defects. *J Ultrasound Med* 2011; **30**: 1003-1038.
25. Papastefanou I, Souka AP, Pilalis A, Panagopoulos P, Kassanos D. Fetal intracranial translucency and cisterna magna at 11 to 14 weeks: reference ranges and correlation with chromosomal abnormalities. *Prenat Diagn* 2011; **31**: 1189-1192.
26. Ghavami M., Abedinzadeh R. Prevalence of Perinatal central nervous system anomalies in east Azarbaijan-Iran. *Iranian Journal of Radiology* 2011**; 8**: 79-81).
27. Ozkan Z.S., Cilgin H., Aygun H.B., Deveci D., Simsek M., Kumru S., Yuce H. Our clinical experience about prenatal diagnosis and neonatal outcomes of fetal central nervous system anomalies. *Journal of Maternal-Fetal and Neonatal Medicine*. 2011; **24**: 502-505.
28. Cornips EM, Overvliet GM, Weber JW, Postma AA, Hoeberigs CM, Baldewijns MM, Vles JS. The clinical spectrum of Blake's pouch cyst: report of six illustrative cases. *Childs Nerv Syst* 2010; **26**: 1057-1064.
29. Peruzzi P, Corbitt RJ, Raffel C. Magnetic resonance imaging *versus ultrasonography for the in utero evaluation of central nervous system anomalies. J Neurosurg Pediatr* 2010; **6**: 340-345.
30. Wong AM, Bilaniuk LT, Zimmerman RA, Liu PL. Prenatal MR imaging of Dandy-Walker complex: midline sagittal area analysis. *Eur J Radiol* 2012; **81**: e26-30.
31. Brennan CM, Taylor GA. Sonographic imaging of the posterior fossa utilizing the foramen magnum. *Pediatr Radiol* 2010; **40**: 1411-1416.
32. Rouleau C, Gasner A, Bigi N, Couture A, Perez MJ, Blanchet P, Faure JM, Rivier F, Boulot P, Laquerrière A, Encha-Razavi F. Prevalence and timing of pregnancy termination for brain malformations. *Arch Dis Child Fetal Neonatal Ed* 2011; **96**: F360-4.
33. Hosny IA, Elghawabi HS. Ultrafast MRI of the fetus: an increasingly important tool in prenatal diagnosis of congenital anomalies. *Magn Reson Imaging* 2010; **28**: 1431-1439.
34. Bolduc ME, Limperopoulos C. Neurodevelopmental outcomes in children with cerebellar malformations: a systematic review. *Dev Med Child Neurol* 2009; **51**: 256-267.
35. Kapur RP, Mahony BS, Finch L, Siebert JR. Normal and abnormal anatomy of the cerebellar vermis in midgestational human fetuses. *Birth Defects Res A Clin Mol Teratol* 2009; **85**: 700-709.
36. Tepper R, Kidron D, Hershkovitz R. Sonographic measurements of the fetal fastigium between 20 and 40 weeks' gestation. *J Ultrasound Med* 2009; **28**: 1657-1661.
37. Zalel Y, Yagel S, Achiron R, Kivilevich Z, Gindes L. Three-dimensional ultrasonography of the fetal vermis at 18 to 26 weeks' gestation: time of appearance of the primary fissure. *J Ultrasound Med* 2009; **28**: 1-8.
38. Tang PH. Ong CL. Stringer D. Tan JV. Yeo GS. Magnetic resonance imaging of the fetal central nervous system in Singapore. *Annals of the Academy of Medicine, Singapore* 2009; **38**: 774-781.
39. Alkan O, Kizilkilic O, Yildirim T. Malformations of the midbrain and hindbrain: a retrospective study and review of the literature. *Cerebellum* 2009; **8**: 355-365.
40. Goetzinger KR, Stamilio DM, Dicke JM, Macones GA, Odibo AO. Evaluating the incidence and likelihood ratios for chromosomal abnormalities in fetuses with common central nervous system malformations. *Am J Obstet Gynecol* 2008; **199**: 285.e1-6.
41. Salihu HM, Kornosky JL, Druschel CM. Dandy-Walker syndrome, associated anomalies and survival through infancy: a population-based study. *Fetal Diagn Ther* 2008; **24**: 155-160.
42. Limperopoulos C, Robertson RL Jr, Khwaja OS, Robson CD, Estroff JA, Barnewolt C, Levine D, Morash D, Nemes L, Zaccagnini L, du Plessis AJ. How accurately does current fetal imaging identify posterior fossa anomalies? *AJR Am J Roentgenol* 2008; **190**: 1637-1643.
43. Hadzagić-Catibusić F, Maksić H, Uzicanin S, Heljić S, Zubcević S, Merhemić Z, Cengić A, Kulenović E. Congenital malformations of the central nervous system: clinical approach. *Bosn J Basic Med Sci* 2008; **8**: 356-360.
44. Akgun H, Basbug M, Ozgun MT, Canoz O, Tokat F, Murat N, Ozturk F. Correlation between prenatal ultrasound and fetal autopsy findings in fetal anomalies terminated in the second trimester. *Prenat Diagn* 2007; **27**: 457-462.
45. Harper T., Fordham L.A., Wolfe H.M. The fetal Dandy Walker complex: Associated anomalies, perinatal outcome and postnatal imaging. *Fetal Diagnosis and Therapy* 2007; **22**: 277-281.
46. Oh KY, Rassner UA, Frias AE Jr, Kennedy AM. The fetal posterior fossa: clinical correlation of findings on prenatal ultrasound and fetal magnetic resonance imaging. *Ultrasound Q* 2007; **23**: 203-210.
47. Robinson AJ, Blaser S, Toi A, Chitayat D, Halliday W, Pantazi S, Gundogan M, Laughlin S, Ryan G. The fetal cerebellar vermis: assessment for abnormal development by ultrasonography and magnetic resonance imaging. *Ultrasound Q* 2007; **23**: 211-223.
48. Russo R., Fallet-Bianco C. Isolated posterior cerebellar vermal defect: A morphological study of midsagittal cerebellar vermis in 4 fetuses - Early stage of dandy-walker continuum or new vermal dysgenesis? *Journal of Child Neurology* 2007; **22**: 492-500.
49. Koktener A. Dilmen G. Kurt A. The cisterna magna size in normal second-trimester fetuses. *Journal of Perinatal Medicine* 2007; **35**: 217-219.
50. Sohn YS, Kim MJ, Kwon JY, Kim YH, Park YW. The usefulness of fetal MRI for prenatal diagnosis. *Yonsei Med J* 2007; **48**: 671-677.
51. Tilea B. Delezoide AL. Khung-Savatovski S. Guimiot F. Vuillard E. Oury JF. Garel C. Comparison between magnetic resonance imaging and fetopathology in the evaluation of fetal posterior fossa non-cystic abnormalities. *Ultrasound in Obstetrics & Gynecology* 2007; **29**: 651-659.
52. Zimmer EZ. Lowenstein L. Bronshtein M. Goldsher D. Aharon-Peretz J. Clinical significance of isolated mega cisterna magna. *Archives of Gynecology & Obstetrics* 2007; 276: 487-490.
53. Tilea B., Garel C., Menez F., Vuillard E., Elmaleh-Berges M., Delezoide A.-L., Sebag G. Contribution of fetal MRI to the diagnosis of inner ear abnormalities: Report of two cases. *Pediatric Radiology* 2006; **36**: 149-154.
54. Paladini D, Volpe P. Posterior fossa and vermian morphometry in the characterization of fetal cerebellar abnormalities: a prospective three-dimensional ultrasound study. *Ultrasound Obstet Gynecol* 2006; **27**: 482-489.
55. Phillips JJ. Mahony BS. Siebert JR. Lalani T. Fligner CL. Kapur RP Dandy-Walker malformation complex: correlation between ultrasonographic diagnosis and postmortem neuropathology. *Obstetrics & Gynecology* 2006; **107**: 685-693.
56. Pilu G, Segata M, Ghi T, Carletti A, Perolo A, Santini D, Bonasoni P, Tani G, Rizzo N. Diagnosis of midline anomalies of the fetal brain with the three-dimensional median view. *Ultrasound Obstet Gynecol* 2006; **27**:522-529.
57. Limperopoulos C, Robertson RL, Estroff JA, Barnewolt C, Levine D, Bassan H, du Plessis AJ. Diagnosis of inferior vermian hypoplasia by fetal magnetic resonance imaging: potential pitfalls and neurodevelopmental outcome. *Am J Obstet Gynecol* 2006; **194**: 1070-1076.
58. Viñals F, Muñoz M, Naveas R, Shalper J, Giuliano A. The fetal cerebellar vermis: anatomy and biometric assessment using volume contrast imaging in the C-plane (VCI-C). *Ultrasound Obstet Gynecol* 2005; **26**: 622-627.
59. Nizard J. Bernard JP. Ville Y. Fetal cystic malformations of the posterior fossa in the first trimester of pregnancy. *Fetal Diagnosis & Therapy* 2005; **20**: 146-151.
60. D'Addario V. Pinto V. Di Cagno L. Pintucci A. The midsagittal view of the fetal brain: a useful landmark in recognizing the cause of fetal cerebral ventriculomegaly. *Journal of Perinatal Medicine* 2005; **33**:423-427,
61. Blaicher W., Bernaschek G., Deutinger J., Messerschmidt A., Schindler E., Prayer D. Fetal and early postnatal magnetic resonance imaging - Is there a difference. *Journal of Perinatal Medicine* 2004; **32**: 53-57.
62. Frates MC, Kumar AJ, Benson CB, Ward VL, Tempany CM. Fetal anomalies: comparison of MR imaging and US for diagnosis. *Radiology* 2004; **232**:3 98-404
63. Whitby EH, Paley MN, Sprigg A, Rutter S, Davies NP, Wilkinson ID, Griffiths PD. Comparison of ultrasound and magnetic resonance imaging in 100 singleton pregnancies with suspected brain abnormalities. *BJOG* 2004; **111**: 784-792.
64. Claude I., Daire J.-L., Sebag G. Fetal Brain MRI: Segmentation and Biometric Analysis of the Posterior Fossa*. IEEE Transactions on Biomedical Engineering* 2004; **51**: 617-626.
65. Klein O, Pierre-Kahn A, Boddaert N, Parisot D, Brunelle F. Dandy-Walker malformation: prenatal diagnosis and prognosis. *Childs Nerv Syst* 2003; **19**: 484-489.
66. Pierre-Kahn A, Sonigo P. Malformative intracranial cysts: diagnosis and outcome. *Childs Nerv Syst* 2003; **19**: 477-483.
67. Raybaud C., Levrier O., Brunel H., Girard N., Farnarier P MR imaging of fetal brain malformations. *Child's Nervous System* 2003; **19**: 455-470.
68. Twickler DM, Magee KP, Caire J, Zaretsky M, Fleckenstein JL, Ramus RM. Second-opinion magnetic resonance imaging for suspected fetal central nervous system abnormalities. *Am J Obstet Gynecol* 2003; **188**: 492-496.
69. Levine D, Barnes PD, Robertson RR, Wong G, Mehta TS. Fast MR imaging of fetal central nervous system abnormalities. *Radiology* 2003; **229**: 51-61.
70. Ben-Ami M., Perlitz Y., Peleg D. Transvaginal sonographic appearance of the cerebellar vermis at 14-16 weeks' gestation. *Ultrasound in Obstetrics and Gynecology* 2002; **19**: 208-209.
71. Zalel Y, Seidman DS, Brand N, Lipitz S, Achiron R. The development of the fetal vermis: an in-utero sonographic evaluation. *Ultrasound Obstet Gynecol* 2002; **19**: 136-139.
72. Malinger G, Ginath S, Lerman-Sagie T, Watemberg N, Lev D, Glezerman M. The fetal cerebellar vermis: normal development as shown by transvaginal ultrasound. *Prenat Diagn* 2001; **21**: 687-692.
73. Whitby E, Paley MN, Davies N, Sprigg A, Griffiths PD. Ultrafast magnetic resonance imaging of central nervous system abnormalities in utero in the second and third trimester of pregnancy: comparison with ultrasound. *BJOG* 2001; **108**: 519-526.
74. Carroll SG. Porter H. Abdel-Fattah S. Kyle PM. Soothill PW. Correlation of prenatal ultrasound diagnosis and pathologic findings in fetal brain abnormalities. *Ultrasound in Obstetrics & Gynecology* 2000: **16**: 149-153.
75. Hata T. Yanagihara T. Matsumoto M. Hanaoka U. Ueta M. Tanaka Y. Kanenishi K. Kuno A. Yamashiro C. Ohnishi Y. Tanaka H. Hayashi K. Three-dimensional sonographic features of fetal central nervous system anomaly. *Acta Obstetricia et Gynecologica Scandinavica* 2000: **79**: 635-639.
76. Simon EM, Goldstein RB, Coakley FV, Filly RA, Broderick KC, Musci TJ, Barkovich AJ. Fast MR imaging of fetal CNS anomalies in utero. *AJNR Am J Neuroradiol* 2000; **21**: 1688-1698.
77. Stazzone M, Hubbard A.M, Bilaniuk T, Harty M.P, Meyer J, Zimmerman R.A, Mahboubi S. *Ultrafast MR Imaging of the Normal Posterior Fossa in Fetuses* *AJR* 2000; **175**: 835–839
78. Calabrò E, Arcuri T, Jinkins J.r. Blake's pouch cyst: an entity within the Dandy-Walker continuum. *Neuroradiology* 2000; **42**: 290-229
79. Kölble N, Wisser J, Kurmanavicius J, Bolthauser E, Stallmach T, Huch A, Huch R. Dandy-walker malformation: prenatal diagnosis and outcome. Prenat Diagn 2000; **20**: 318-327.