**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 anomalies  Less 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 |

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