**Supplementary Material 1: Search strategy**

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| --- | --- | --- | --- |
| **Set#** | **Searched for** | **Databases** | **Results** |
| S33 | (s1 or s2 or s3 or s4 or s5 or s6 or s7 or s8 or s9 or s10 or s11 or s12 or s13) and (s14 or s15 or s16 or s17 or s18) and (s20 or s21 or s22 or s23 or s24 or s25 or s26 or s27 or s28 or s29 or s30 or s31 or s32) and la(english) and pd(1990-2013) | Embase®, Embase® Alert, MEDLINE® | 671 |
| S32 | ti,ab(prospective[\*2] or retrospective[\*2] or "follow up study" or "follow up studies" or "followup study" or "followup studies" or longitudinal[\*2] or "case control[\*4]" or "cohort study" or "cohort studies" or "cohort analy[\*3]" or "cross sectional[\*2]" or "observation[\*2] study" or "observation[\*2] studies") | Embase®, Embase® Alert, MEDLINE® | 2678906 |
| S31 | EMB.EXACT("evaluation") OR EMB.EXACT("follow up") OR EMB.EXACT("evaluation and follow up") | Embase®, Embase® Alert, MEDLINE® | 961715 |
| S30 | EMB.EXACT("longitudinal study") OR EMB.EXACT.EXPLODE("case control study") OR EMB.EXACT("prospective study") OR EMB.EXACT("major clinical study") OR EMB.EXACT("retrospective study") OR EMB.EXACT("clinical study") OR EMB.EXACT("cross-sectional study") OR EMB.EXACT("cohort analysis") OR EMB.EXACT("observational study") | Embase®, Embase® Alert, MEDLINE® | 2824650 |
| S29 | MESH.EXACT("Evaluation Studies as Topic") or rtype.exact("Evaluation Studies") | Embase®, Embase® Alert, MEDLINE® | 300324 |
| S28 | MESH.EXACT("Cohort Studies") OR MESH.EXACT("Longitudinal Studies") OR MESH.EXACT("Follow-Up Studies") OR MESH.EXACT("Retrospective Studies") OR MESH.EXACT("Case-Control Studies") OR MESH.EXACT("Cross-Sectional Studies") OR MESH.EXACT("Prospective Studies") OR MESH.EXACT("Evaluation Studies") | Embase®, Embase® Alert, MEDLINE® | 1511651 |
| S27 | pub.Exact("The Cochrane library" OR "Cochrane database of systematic reviews (Online)" OR "The Cochrane database of systematic reviews" OR "Cochrane Database of Systematic Reviews" OR "Cochrane Database of Systemic Reviews" OR "Cochrane Library") | Embase®, Embase® Alert, MEDLINE® | 21818 |
| S26 | ti,ab("meta analy[\*3]" or metaanaly[\*3] or "systematic review[\*1]" or trial[\*1] or ((singl[\*4] or doubl[\*4] or trebl[\*4] or tripl[\*4]) near/5 (blind[\*4] or mask[\*4])) or rct[\*1] or randomized or randomised or randomization or randomisation or randomly or crossover or "cross over") | Embase®, Embase® Alert, MEDLINE® | 2311104 |
| S25 | EMB.EXACT.EXPLODE("clinical trial (topic)") OR EMB.EXACT("meta analysis (topic)") OR EMB.EXACT("systematic review (topic)") | Embase®, Embase® Alert, MEDLINE® | 87839 |
| S24 | EMB(ct) | Embase®, Embase® Alert, MEDLINE® | 1055002 |
| S23 | EMB.EXACT("single blind procedure") OR EMB.EXACT("double blind procedure") OR EMB.EXACT("crossover procedure") OR EMB.EXACT("triple blind procedure") OR EMB.EXACT("controlled study") OR EMB.EXACT("comparative study") OR EMB.EXACT("meta analysis") OR EMB.EXACT("systematic review") OR EMB.EXACT("randomization") | Embase®, Embase® Alert, MEDLINE® | 4902073 |
| S22 | EMB.EXACT("randomized controlled trial") OR EMB.EXACT("phase 4 clinical trial") OR EMB.EXACT("controlled clinical trial") OR EMB.EXACT("phase 2 clinical trial") OR EMB.EXACT("phase 3 clinical trial") OR EMB.EXACT("clinical trial") OR EMB.EXACT("multicenter study") OR EMB.EXACT("phase 1 clinical trial") | Embase®, Embase® Alert, MEDLINE® | 1076202 |
| S21 | MESH.EXACT.EXPLODE("Clinical Trials as Topic") OR MESH.EXACT("Meta-Analysis as Topic") OR MESH.EXACT("Random Allocation") OR MESH.EXACT("Single-Blind Method") OR MESH.EXACT("Cross-Over Studies") OR MESH.EXACT("Double-Blind Method") OR MESH.EXACT("Meta-Analysis") | Embase®, Embase® Alert, MEDLINE® | 462331 |
| S20 | rtype.exact("Comparative Study" OR "Clinical Trial, Phase III" OR "Randomized Controlled Trial" OR "Controlled Clinical Trial" OR "Clinical Trial, Phase IV" OR "Clinical Trial, Phase I" OR "Meta-Analysis" OR "Clinical Trial" OR "Clinical Trial, Phase II" OR "Multicenter Study") | Embase®, Embase® Alert, MEDLINE® | 2189137 |
| **S19** | **(s1 or s2 or s3 or s4 or s5 or s6 or s7 or s8 or s9 or s10 or s11 or s12 or s13) and (s14 or s15 or s16 or s17 or s18) and la(english) and pd(1990-2013)** | **Embase®, Embase® Alert, MEDLINE®** | **1894** |
| S18 | ti,ab(fetus[\*2] or foetus[\*2] or fetal[\*2] or foetal[\*2] or prenatal[\*2] or "pre natal[\*2]" or antenatal[\*2] or "ante natal[\*2]" or "in utero" or intrauterine or "intra uterine" or uterine) | Embase®, Embase® Alert, MEDLINE® | 956704 |
| S17 | EMB.EXACT("fetomaternal transfusion") OR EMB.EXACT("intrauterine growth retardation") OR EMB.EXACT.EXPLODE("prenatal diagnosis") OR EMB.EXACT("prenatal development") OR EMB.EXACT("prenatal stress") OR EMB.EXACT("prenatal injury") OR EMB.EXACT("prenatal disorder") OR EMB.EXACT("prenatal period") OR EMB.EXACT("prenatal drug exposure") OR EMB.EXACT("prenatal exposure") OR EMB.EXACT("prenatal growth") OR EMB.EXACT("prenatal mortality") OR EMB.EXACT("prenatal screening") | Embase®, Embase® Alert, MEDLINE® | 204698 |
| S16 | EMB.EXACT("fetus") OR EMB.EXACT("fetus outcome") OR EMB.EXACT.EXPLODE("fetus maturity") OR EMB.EXACT.EXPLODE("fetus development") OR EMB.EXACT("fetus hypoxia") OR EMB.EXACT("fetus distress") OR EMB.EXACT("fetus malformation") OR EMB.EXACT.EXPLODE("fetus disease") OR EMB.EXACT.EXPLODE("fetus function test") OR EMB.EXACT("fetus heart rate") OR EMB.EXACT("fetus monitoring") OR EMB.EXACT.EXPLODE("fetus control") OR EMB.EXACT("fetus blood") OR EMB.EXACT.EXPLODE("fetus (anatomy)") OR EMB.EXACT("fetus echography") OR EMB.EXACT("fetus circulation") OR EMB.EXACT("fetus growth") OR EMB.EXACT("fetus heart") OR EMB.EXACT("fetus mortality") OR EMB.EXACT("fetus movement") OR EMB.EXACT("fetus resorption") OR EMB.EXACT("fetus death") OR EMB.EXACT("fetus wastage") OR EMB.EXACT("fetus risk") OR EMB.EXACT("fetus weight") | Embase®, Embase® Alert, MEDLINE® | 314103 |
| S15 | MESH.EXACT.EXPLODE("Prenatal Diagnosis") OR MESH.EXACT("Ultrasonography, Prenatal") OR MESH.EXACT("Prenatal Injuries") OR MESH.EXACT("Prenatal Exposure Delayed Effects") OR MESH.EXACT("Uterine Monitoring") | Embase®, Embase® Alert, MEDLINE® | 76856 |
| S14 | MESH.EXACT.EXPLODE("Fetal Monitoring") OR MESH.EXACT.EXPLODE("Fetus") OR MESH.EXACT.EXPLODE("Fetal Heart") OR MESH.EXACT.EXPLODE("Fetal Diseases") OR MESH.EXACT("Fetal Viability") OR MESH.EXACT("Fetal Development") OR MESH.EXACT("Fetal Weight") OR MESH.EXACT("Fetal Organ Maturity") OR MESH.EXACT("Fetal Movement") OR MESH.EXACT("Fetal Blood") OR MESH.EXACT("Fetal Death") OR MESH.EXACT("Fetal Resorption") OR MESH.EXACT("Fetal Distress") OR MESH.EXACT("Fetal Growth Retardation") OR MESH.EXACT("Fetal Hypoxia") OR MESH.EXACT("Fetal Mortality") OR MESH.EXACT("Heart Rate, Fetal") OR MESH.EXACT("Maternal-Fetal Exchange") | Embase®, Embase® Alert, MEDLINE® | 221650 |
| S13 | ti,ab((giant or mega or enlarg[\*6] or dilat[\*4]) near/5 ("cisterna magna" or "cysterna magna")) | Embase®, Embase® Alert, MEDLINE® | 204 |
| S12 | ti,ab(((posterior near/3 fossa) near/5 fluid near/5 collection) or ("upward displacement" near/5 vermis) or "dandy walker" or "arnold chiari" or (chiari near/3 malform[\*6]) or (joubert[\*1] near/3 syndrome)) | Embase®, Embase® Alert, MEDLINE® | 9714 |
| S11 | ti,ab((cerebell[\*2] or vermis or vermian or "cisterna magna" or "cysterna magna" or (posterior near/3 fossa) or (blake[\*1] near/3 pouch) or arachnoid[\*2] or "posterior membranous area") near/5 cyst[\*1]) | Embase®, Embase® Alert, MEDLINE® | 7102 |
| S10 | ti,ab((cerebell[\*2] or vermis or vermian) near/5 (abnormal[\*5] or malform[\*6] or anomaly or anomalies or deform[\*5] or defect[\*1] or agenesis or hypogenesis or hypoplas[\*3])) | Embase®, Embase® Alert, MEDLINE® | 9039 |
| S9 | ti,ab((posterior near/3 fossa) near/5 (abnormal[\*5] or malform[\*6] or anomaly or anomalies or deform[\*5] or defect[\*1])) | Embase®, Embase® Alert, MEDLINE® | 1165 |
| S8 | EMB.EXACT("cerebellum hypoplasia") OR EMB.EXACT("cerebellum agenesis") OR EMB.EXACT("arachnoid cyst") OR EMB.EXACT("Dandy Walker syndrome") OR EMB.EXACT("Arnold Chiari malformation") OR EMB.EXACT("Joubert syndrome") | Embase®, Embase® Alert, MEDLINE® | 7917 |
| S7 | (EMB.EXACT("cerebellum vermis") OR EMB.EXACT("cerebellum") OR EMB.EXACT("cerebellum disease")) and (EMB.EXACT("agenesis") OR EMB.EXACT("hypoplasia")) | Embase®, Embase® Alert, MEDLINE® | 466 |
| S6 | (EMB.EXACT("posterior fossa") OR EMB.EXACT("cerebellum vermis") OR EMB.EXACT("cerebellum") OR EMB.EXACT("cerebellum disease") OR EMB.EXACT("cisterna magna")) and (EMB.EXACT("cyst") OR EMB.EXACT("brain cyst")) | Embase®, Embase® Alert, MEDLINE® | 603 |
| S5 | (EMB.EXACT("posterior fossa") OR EMB.EXACT("cerebellum vermis") OR EMB.EXACT("cerebellum") OR EMB.EXACT("cerebellum disease") OR EMB.EXACT("cisterna magna")) and (EMB.EXACT("multiple malformation syndrome") OR EMB.EXACT("congenital malformation") OR EMB.EXACT("brain arteriovenous malformation") OR EMB.EXACT("brain malformation") OR EMB.EXACT("cerebrovascular malformation") OR EMB.EXACT("congenital blood vessel malformation") OR EMB.EXACT("arteriovenous malformation") OR EMB.EXACT("skull malformation")) | Embase®, Embase® Alert, MEDLINE® | 2163 |
| S4 | MESH.EXACT("Arachnoid Cysts") OR MESH.EXACT("Dandy-Walker Syndrome") OR MESH.EXACT("Arnold-Chiari Malformation") | Embase®, Embase® Alert, MEDLINE® | 4900 |
| S3 | (MESH.EXACT("Cranial Fossa, Posterior") OR MESH.EXACT("Cerebellum") OR MESH.EXACT("Cerebellar Diseases") OR MESH.EXACT("Cisterna Magna")) and MESH.EXACT("Cysts") | Embase®, Embase® Alert, MEDLINE® | 288 |
| S2 | (MESH.EXACT("Cranial Fossa, Posterior") OR MESH.EXACT("Cerebellum") OR MESH.EXACT("Cerebellar Diseases") OR MESH.EXACT("Cisterna Magna")) and (MESH.EXACT("Skull -- abnormalities") OR MESH.EXACT("Congenital Abnormalities") OR MESH.EXACT("Intracranial Arteriovenous Malformations") OR MESH.EXACT("Brain -- abnormalities") OR MESH.EXACT("Skull Base -- abnormalities") OR MESH.EXACT("Craniofacial Abnormalities") OR MESH.EXACT("Abnormalities, Multiple") OR MESH.EXACT("Arteriovenous Malformations")) | Embase®, Embase® Alert, MEDLINE® | 1077 |
| S1 | MESH.EXACT("Cranial Fossa, Posterior -- abnormalities") OR MESH.EXACT("Cerebellum -- abnormalities") OR MESH.EXACT("Cisterna Magna -- abnormalities") | Embase®, Embase® Alert, MEDLINE® | 1630 |