Additional file 1 – Details of the search strategies used in the review

- Section 1 provides details of the main bibliographic database searches
- Section 2 lists the additional online resources searched.

1. Bibliographic database searches

Medline, Embase, PsycINFO and HMIC were searched using the Ovid SP interface; Cinahl, was searched using the EBSCO interface; Central and DARE were searched via the Cochrane Library; MIDIRS was searched by the MIDIRS librarian using a keyword search adapted from the MEDLINE search strategy. All searches were run in mid-August 2008

We applied limits and filters to restrict the searches to articles:

- Published from 1990 onwards
- Relating to human subjects
- In English (with or without an abstract) or non-English with an English language abstract

Medline search strategy

**Outcome terms**

1. exp Infant Mortality/
2. exp Perinatal Mortality/
3. ((infant$ or perinat$ or neonat$ or postneonat$) adj2 (death$ or mortalt$ or surviv$)).ti,ab.
4. ((newborn$ or infant$ or perinat$ or neonat$ or postneonat$) adj2 (death$ or dead or died or mortalit$ or surviv$)).ti,ab.
5. or/1-4
6. exp Infant, Premature/
7. exp obstetric labor, premature/ or exp premature birth/
8. ((preterm or prematur$) adj2 (labour$ or labor$ or birth$ or deliver$ or infant$)).ti,ab.
9. (prematurity or preterm).ti,ab.
10. or/6-9
11. exp Sudden Infant Death/
14. cot death$.ti,ab.
15. crib death$.ti,ab.
16. (SIDS or SUDI).ti,ab.
17. "sudden infant death syndrome".ti,ab.
18. or/11-17
exp Congenital Abnormalities/
((birth or congenital) adj2 (defect$ or deform$ or abnorm$ or anomal$ or malform$)).ti,ab.
or/19-20
5 or 10 or 18 or 21

Intervention terms
exp Prenatal Care/ or maternal health services/
exp Midwifery/
((antenatal or prenatal) adj2 (care or clinic or program* or service*)).ti,ab.
or/23-25

Disadvantaged and vulnerable group terms
exp Socioeconomic Factors/ or exp Social Class/
(equity or inequalit$ or equalit$ or unequal$ or inequit$ or disparit$ or gap or gaps or gradient$ or
disadvantag$ or socioeconomic$).ti,ab.
health inequalit$ .mp. or Health Status Indicators/ or *Health Status Disparities/ or *Healthcare
Disparities/
exp Poverty/ or exp Medical Indigency/ or vulnerable populations/
exp Minority Health/ or exp Minority Groups/ or population groups/ or exp ethnic groups/ or health
services, indigenous/
(ethnic or (black adj2 asian)).ti,ab.
(multiethnic$ or multi ethnic$ or multiracial$ or multi racial$).ti,ab.
exp Prisoners/ or prison*.ti,ab.
ex refugees/ or "Emigrants and Immigrants"/ or "Transients and Migrants"
(immigrant* or refugee* or migrant* or asylum seeker*).ti,ab.
ex gypsies/ or travel?er*.ti,ab.
ex Homeless Youth/ or exp Homeless Persons/ or homeless$.ti,ab.
ex Spouse Abuse/ or Domestic Violence/ or exp battered women/
((abuse$ or violen$) adj4 (partner$ or wife or wives or spouse$ or domestic)).ti,ab.
((neighborhood or economic or rural or urban) adj2 (depriv$ or poverty)).ti,ab.
(disadvantag* or deprived area* or innercit* or inner cit*).ti,ab.
Mental Disorders/ or exp eating disorders/ or exp mood disorders/ or exp "schizophrenia and
disorders with psychotic features"/
((mental$ or psych$) adj2 (ill$ or disorder$ or impair$ or disturb$ or disabil$)).ti,ab.
Learning Disorders/ or Mental Deficiency/
((mental$ or learning or cognitiv$) adj2 (retard$ or handicap$ or disab$ or difficult$ or
impair$)).ti,ab.
ex Prostitution/ or sex worker*.ti,ab.
Adolescent Health Services/ or exp Adolescent/ or exp Pregnancy in Adolescence/
EMBASE search strategy

1 exp Infant Mortality/ or exp Perinatal Mortality/ or exp Newborn Mortality/ or exp Perinatal Death/
2 ((infant$ or perinat$ or neonat$ or postneonat$) adj2 (death$ or mortalit$ or surviv$)).ti,ab.
3 ((newborn$ or infant$ or perinat$ or neonat$ or postneonat$) adj2 (death$ or dead or died or mortalit$ or surviv$)).ti,ab.
4 or/1-3
5 exp "immature and premature labour"/ or exp immaturity/ or exp premature labor/ or exp prematurity/
6 exp obstetric labor, premature/ or exp premature birth/
7 ((preterm or prematur$) adj2 (labour$ or labor$ or birth$ or deliver$ or infant$)).ti,ab.
8 (prematurity or preterm).ti,ab.
9 or/5-8
10 exp Sudden Infant Death Syndrome/
11 "sudden unexpected death in infancy".ti,ab.
12 "sudden unexplained death in infancy".ti,ab.
13 cot death$.ti,ab.
14 crib death$.ti,ab.
15 exp alcohol-related disorders/ or exp alcoholism/ or exp alcohol-induced disorders/
16 or/27-57
17 22 and 26 and 58

Limits
60 limit 59 to (humans and yr="1990 - 2008")
61 limit 60 to abstracts
62 limit 60 to english language
63 61 or 62
64 Case Reports/
65 63 not 64
2. Other databases and online resources

The following specialist databases and online resources were searched to identify potentially eligible primary reports and/or guidelines, reviews and reports which might contain relevant citations:

- Cochrane Database of Systematic Reviews
- Health Technology Assessment Database
- NHS Economic Evaluations Database
- System for information on Grey Literature in Europe (OpenSigle)
- National Guideline Clearing House
- National Institute for Health and Clinical Excellence (NICE)
- National Library for Health
- Health Development Agency National Institute for Health Research Service Delivery and Organisation Programme (SDO)
- Social Care Online
- Research Register for Social Care

The Cochrane Database of Systematic Reviews, the Health Technology Assessment Database and the NHS Economic Evaluations Database were all searched via the Cochrane Library advanced search facility using the Medline search strategy; all other online databases were searched using relevant keywords such as: antenatal care, prenatal care, maternity care, pregnancy, socioeconomic, vulnerable, socially disadvantaged, ethnicity, teenagers, adolescents.