Effectiveness searches

Bibliographic databases searched for the guideline:

- Cochrane Database of Systematic Reviews – CDSR (Wiley)
- Cochrane Central Register of Controlled Trials – CENTRAL (Wiley)
- Database of Abstracts of Reviews of Effects – DARE (CDSR)
- PsycINFO (Ovid)
- EMBASE (Ovid)
- MEDLINE (Ovid)
- MEDLINE Epub Ahead of Print (Ovid)
- MEDLINE In-Process (Ovid)
- Social policy and practice (Ovid)
- ERIC (ProQuest)

A NICE information specialist conducted the literature searches for the evidence review. The searches were originally run in June 2019 with an additional search of the ERIC database in October 2019.

Searches were run on population only and the results were sifted for each review question (RQ). The searches were rerun on all databases reported above in July 2020 and again in October 2020.

The principal search strategy was developed in MEDLINE (Ovid interface) and adapted, as appropriate, for use in the other sources listed in the protocol, taking into account their size, search functionality and subject coverage.

The MEDLINE strategy below was quality assured (QA) by trained NICE information specialist. All translated search strategies were peer reviewed to ensure their accuracy. Both procedures were adapted from the 2016 PRESS Checklist. The translated search strategies are available in the evidence reviews for the guideline.

The search results were managed in EPPI-Reviewer v5. Duplicates were removed in EPPI-R5 using a two-step process. First, automated deduplication is performed using a high-value algorithm. Second, manual deduplication is used to assess 'low-probability' matches. All decisions made for the review can be accessed via the deduplication history.

English language limits were applied in adherence to standard NICE practice and the review protocol.

A date limit of 1990 was applied to align with the approximate advent of the Children Act 1989.

The limit to remove animal studies in the searches was the standard NICE practice, which has been adapted from: Dickersin, K., Scherer, R., & Lefebvre, C. (1994). Systematic Reviews: Identifying relevant studies for systematic reviews. *BMJ*, 309(6964), 1286.

No study design filters were applied, in adherence to the review protocol.

Table 1: search strategy

Medline Strategy, searched 10th June 2019 Database: Ovid MEDLINE(R) 1946 to June 10, 2019 Search Strategy:
1   child, orphaned/ (659)
2   child, foster/ (71)
3   child, adopted/ (46)
4   adolescent, institutionalized/ (126)

Medline Strategy, searched 10th June 2019
Database: Ovid MEDLINE(R) 1946 to June 10, 2019
Search Strategy:

5   ("looked after" adj2 (juvenile* or child* or adolescen* or toddler* or infant* or infancy* or teen* or tween* or young* or baby* or babies* or twin* or sibling* or youth*)).tw. (123)

6   ("care leaver*" or "leaving care").tw. (31)

7   (("in care" or "care experience*") adj1 (juvenile* or child* or adolescen* or toddler* or infant* or infancy* or teen* or tween* or young* or baby* or babies* or twin* or sibling* or youth*)).tw. (236)

8   ((nonparent* or non-parent* or parentless* or parent-less) adj3 (juvenile* or child* or adolescen* or toddler* or infant* or infancy* or teen* or tween* or young* or baby* or babies* or twin* or sibling* or youth*)).tw. (111)

9   ((relinquish* or estrange*) adj2 (juvenile* or child* or adolescen* or toddler* or infant* or infancy* or teen* or tween* or young* or baby* or babies* or twin* or sibling* or youth*)).tw. (74)

10   ((child* or infancy or adolescen* or juvenile* or toddler* or infant* or teen* or tween* or young* or baby or babies or twin* or sibling* or youth*) adj2 (orphan* or foster* or adopt* or abandon* or unwanted or unaccompanied or homeless or asylum* or refugee*)).ti. (2973)

11   "ward of court*".tw. (12)

12   or/1-11 (4225)

13   residential facilities/ (5286)

Medline Strategy, searched 10th June 2019
Database: Ovid MEDLINE(R) 1946 to June 10, 2019
Search Strategy:

14   group homes/ (948)

15   halfway houses/ (1051)

16   (("out of home" or " out-of-home" or placement* or "semi independent" or "semi-independent") adj2 care*).tw. (1131)

17   ((residential or supported or remand* or secure or correctional) adj1 (accommodation* or institut* or care or lodging or home* or centre* or center* or facilit*)).tw. (6595)

18   or/13-17 (13612)

19   orphanages/ (435)

20   adoption/ (4727)

21   foster home care/ (3503)

22   (special adj1 guardian*).tw. (7)

23   ((placement* or foster*) adj2 (care* or family or families)).tw. (3144)

24   ((kinship or nonkinship or non kinship or connected or substitute*) adj1 care*).tw. (279)

25   or/19-24 (9589)

Medline Strategy, searched 10th June 2019 Database: Ovid MEDLINE(R) 1946 to June 10, 2019 Search Strategy:
26   exp Infant/ or Infant Health/ or Infant Welfare/ (1098738)
27   (prematur* or pre-matur* or preterm* or pre-term* or infan* or newborn* or new-born* or perinat* or peri-nat* or neonat* or neo-nat* or baby* or babies or toddler*).ti,ab,in,jn. (811620)
28   exp Child/ or exp Child Behavior/ or Child Health/ or Child Welfare/ (1838706)
29   Minors/ (2505)
30   (child* or minor or minors or boy* or girl* or kid or kids or young*).ti,ab,in,jn. (2212038)
31   exp pediatrics/ (55350)
32   (pediatric* or paediatric* or peadiatric*).ti,ab,in,jn. (768069)
33   Adolescent/ or Adolescent Behavior/ or Adolescent Health/ (1937435)
34   Puberty/ (12990)
35   (adolescen* or pubescen* or prepubescen* or pre-pubescen* or pubert* or prepubert* or pre-pubert* or teen* or preteen* or pre-teen* or juvenil* or youth* or under*age*).ti,ab,in,jn. (393509)
36   Schools/ (35128)

Medline Strategy, searched 10th June 2019 Database: Ovid MEDLINE(R) 1946 to June 10, 2019 Search Strategy:
37   Child Day Care Centers/ or exp Nurseries/ or Schools, Nursery/ (8591)
38   (pre-school* or preschool* or kindergar* or daycare or day-care or nurser* or school* or pupil* or student*).ti,ab,jn. (440583)
39   ("under 18*" or "under eighteen*" or "under 25*" or "under twenty five*").ti,ab. (3651)
40   or/26-39 (4935665)
41   18 and 40 (4519)
42   12 or 25 or 41 (15912)
43   animals/ not humans/ (4554892)
44   42 not 43 (15801)
45   limit 44 to english language (14199)
46   limit 45 to ed=19900101-20190606 (11059)
No study design filters were used for the search strategy