

Search strategies for
‘Protocol for a systematic review with meta-analysis and trial sequential analysis of preventive interventions versus
any control intervention for parents with mental disorders and their offspring’
(E Hestbaek and S Juul)
Preliminary search strategies prepared 19 June 2023

Cochrane Central Register of Controlled Trials (CENTRAL) in the Cochrane Library (Latest issue)

- #1 MeSH descriptor: [Mental Disorders] explode all trees
- #2 (((psychiatric or psychotic or mood or bipolar or trauma or personality or attention deficit or developmental or mental or affective) and (disorder* or illness*)) or ((substance or drug) and (use* or abuse)) or anxiety or depressive or depression or depressed)
- #3 #1 or #2
- #4 MeSH descriptor: [Child Behavior] explode all trees
- #5 MeSH descriptor: [Child Behavior Disorders] explode all trees
- #6 MeSH descriptor: [Child of Impaired Parents] explode all trees
- #7 MeSH descriptor: [Child Development] explode all trees
- #8 ((Child* or offspring*) and (emotion* or behavior* or development* or outcome* or attachment or relation*))
- #9 #4 or #5 or #6 or #7 or #8
- #10 MeSH descriptor: [Psychosocial Intervention] explode all trees
- #11 MeSH descriptor: [Maternal Behavior] explode all trees
- #12 MeSH descriptor: [Mother-Child Relations] explode all trees
- #13 MeSH descriptor: [Parent-Child Relations] explode all trees
- #14 MeSH descriptor: [Object Attachment] explode all trees
- #15 MeSH descriptor: [Parenting] explode all trees
- #16 MeSH descriptor: [Paternal Behavior] explode all trees
- #17 MeSH descriptor: [Psychotherapy] explode all trees
- #18 MeSH descriptor: [Cognitive Behavioral Therapy] explode all trees
- #19 (Psychosocial Intervention or Psychotherapy or Cognitive Behavioral Therapy)
- #20 (((maternal or paternal) and behavior) or ((mother or father or parent) and child and relation*) or object attachment or parenting or parent training or family function*)
- #21 #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20
- #22 #3 and #9 and #21

MEDLINE Ovid (1946 to present)

- 1. Mental Disorders/
- 2. (((psychiatric or psychotic or mood or bipolar or trauma or personality or attention deficit or developmental or mental or affective) and (disorder* or illness*)) or ((substance or drug) and (use* or abuse)) or anxiety or depressive or depression or depressed).mp. [mp=title, book title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms, population supplementary concept word, anatomy supplementary concept word]
- 3. 1 or 2
- 4. exp Child Behavior/
- 5. exp Child Behavior Disorders/
- 6. exp "Child of Impaired Parents"/
- 7. exp Child Development/
- 8. ((Child* or offspring*) and (emotion* or behavior* or development* or outcome* or attachment or relation*)).mp. [mp=title, book title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms, population supplementary concept word, anatomy supplementary concept word]
- 9. 4 or 5 or 6 or 7 or 8
- 10. exp Psychosocial Intervention/
- 11. exp Maternal Behavior/

12. exp Mother-Child Relations/
13. exp Parent-Child Relations/
14. exp Object Attachment/
15. exp Parenting/
16. exp Paternal Behavior/
17. exp Psychotherapy/
18. exp Cognitive Behavioral Therapy/
19. (Psychosocial Intervention or Psychotherapy or Cognitive Behavioral Therapy).mp. [mp=title, book title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms, population supplementary concept word, anatomy supplementary concept word]
20. (((maternal or paternal) and behavior) or ((mother or father or parent) and child and relation*) or object attachment or parenting or parent training or family function*).mp. [mp=title, book title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms, population supplementary concept word, anatomy supplementary concept word]
21. 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20
22. 3 and 9 and 21
23. (randomized controlled trial or controlled clinical trial or retracted publication or retraction of publication).pt.
24. clinical trials as topic.sh.
25. (random* or placebo*).ab. or trial.ti.
26. 23 or 24 or 25
27. exp animals/ not humans.sh.
28. 26 not 27
29. 22 and 28

Embase Ovid (1974 to present)

1. exp mental disease/
2. (((psychiatric or psychotic or mood or bipolar or trauma or personality or attention deficit or developmental or mental or affective) and (disorder* or illness*)) or ((substance or drug) and (use* or abuse)) or anxiety or depressive or depression or depressed).ti,ab.
3. 1 or 2
4. exp child behavior/
5. exp behavior disorder/
6. exp "child of impaired parents"/
7. exp child development/
8. ((Child* or offspring*) and (emotion* or behavior* or development* or outcome* or attachment or relation*)).ti,ab.
9. 4 or 5 or 6 or 7 or 8
10. exp psychosocial intervention/
11. exp parental behavior/
12. exp child parent relation/
13. exp object relation/
14. exp psychotherapy/
15. exp behavior therapy/
16. (Psychosocial Intervention or Psychotherapy or Cognitive Behavioral Therapy).ti,ab.
17. (((maternal or paternal) and behavior) or ((mother or father or parent) and child and relation*) or object attachment or parenting or parent training or family function*).ti,ab.
18. 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17
19. 3 and 9 and 18
20. Randomized controlled trial/ or Controlled clinical study/ or randomization/ or intermethod comparison/ or double blind procedure/ or human experiment/ or retracted article/
21. (random\$ or placebo or parallel group\$1 or crossover or cross over or assigned or allocated or volunteer or volunteers).ti,ab.

22. (compare or compared or comparison or trial).ti.
23. ((evaluated or evaluate or evaluating or assessed or assess) and (compare or compared or comparing or comparison)).ab.
24. (open adj label).ti,ab.
25. ((double or single or doubly or singly) adj (blind or blinded or blindly)).ti,ab.
26. ((assign\$ or match or matched or allocation) adj5 (alternate or group\$1 or intervention\$1 or patient\$1 or subject\$1 or participant\$1)).ti,ab.
27. (controlled adj7 (study or design or trial)).ti,ab.
28. (erratum or tombstone).pt. or yes.ne.
29. or/20-28
30. (random\$ adj sampl\$ adj7 ('cross section\$' or questionnaire\$ or survey\$ or database\$1)).ti,ab. not (comparative study/ or controlled study/ or randomi?ed controlled.ti,ab. or randomly assigned.ti,ab.)
31. Cross-sectional study/ not (randomized controlled trial/ or controlled clinical study/ or controlled study/ or randomi?ed controlled.ti,ab. or control group\$1.ti,ab.)
32. (((case adj control\$) and random\$) not randomi?ed controlled).ti,ab.
33. (Systematic review not (trial or study)).ti.
34. (nonrandom\$ not random\$).ti,ab.
35. 'Random field\$'.ti,ab.
36. (random cluster adj3 sampl\$).ti,ab.
37. (review.ab. and review.pt.) not trial.ti.
38. 'we searched'.ab. and (review.ti. or review.pt.)
39. 'update review'.ab.
40. (databases adj4 searched).ab.
41. (rat or rats or mouse or mice or swine or porcine or murine or sheep or lambs or pigs or piglets or rabbit or rabbits or cat or cats or dog or dogs or cattle or bovine or monkey or monkeys or trout or marmoset\$1).ti. and animal experiment/
42. Animal experiment/ not (human experiment/ or human/)
43. or/30-42
44. 29 not 43
45. 19 and 44

LILACS (Bireme; 1982 to present)

((mh:(mental disorders OR f03)) OR (((psychiatric OR psychotic OR mood OR bipolar OR trauma OR personality OR attention deficit OR developmental OR mental OR affective) AND (disorder* OR illness*)) OR ((substance OR drug) AND (use* OR abuse)) OR anxiety OR depressive OR depression OR depressed))) AND ((mh:(child behavior OR f01.145.179 OR child behavior disorders OR f03.625.141 OR child of impaired parents OR m01.106 OR child development OR f01.525.200 OR g07.345.374.750)) OR (((child* OR offspring*) AND (emotion* OR behavior* OR development* OR outcome* OR attachment OR relation*)))) AND ((mh:(psychosocial intervention OR f04.754.715 OR maternal behavior OR f01.829.263.370.215 OR mother-child relations OR f01.829.263.370.290.170 OR parent-child relations OR f01.829.263.370.290 OR object attachment OR f02.739.794.624 OR parenting OR f01.829.263.370.310 OR sp9.242.569.597.563 OR paternal behavior OR f01.829.263.370.330 OR psychotherapy OR f04.754 OR sp2.840.259.327 OR cognitive behavioral therapy OR f04.754.137.350 OR sp2.840.259.327.855)) OR ((psychosocial intervention OR psychotherapy OR cognitive behavioral therapy)) OR (((maternal OR paternal) AND behavior) OR ((mother OR father OR parent) AND child AND relation*)) OR object attachment OR parenting OR parent training OR family function*)) AND (db:("LILACS"))

PsycINFO (EBSCO host; 1806 to present)

S24 S22 AND S23
 S23 TX random* or blind* or placebo* or meta-analys* or trial*
 S22 S3 AND S9 AND S21
 S21 S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20
 S20 TX (((maternal or paternal) and behavior) or ((mother or father or parent) and child and relation*) or object attachment or parenting or parent training or family function*)
 S19 TX (Psychosocial Intervention or Psychotherapy or Cognitive Behavioral Therapy)
 S18 MA Cognitive Behavioral Therapy

S17 MA Psychotherapy
 S16 MA Paternal Behavior
 S15 MA Parenting
 S14 MA Object Attachment
 S13 MA Parent-Child Relations
 S12 MA Mother-Child Relations
 S11 MA Maternal Behavior
 S10 MA Psychosocial Intervention
 S9 S4 OR S5 OR S6 OR S7 OR S8
 S8 TX ((Child* or offspring*) and (emotion* or behavior* or development* or outcome* or attachment or relation*))
 S7 MA Child Development
 S6 MA Child of Impaired Parents
 S5 MA Child Behavior Disorders
 S4 MA Child Behavior
 S3 S1 OR S2
 S2 TX (((psychiatric or psychotic or mood or bipolar or trauma or personality or attention deficit or developmental or mental or affective) and (disorder* or illness*)) or ((substance or drug) and (use* or abuse)) or anxiety or depressive or depression or depressed)
 S1 MA Mental Disorders

Science Citation Index Expanded (Web of Science; 1900 to present); Conference Proceedings Citation Index – Science (Web of Science; 1990 to present); Social Sciences Citation Index (Web of Science; 1956 to present), and Conference Proceedings Citation Index- Social Science & Humanities (Web of Science; 1990 to present)

#8 #6 AND #7

#7 TI=(random* or blind* or placebo* or meta-analys* or trial*) OR TS=(random* or blind* or placebo* or meta-analys*)

#6 #1 AND #2 AND #5

#5 #3 OR #4

#4 TS=(((maternal or paternal) and behavior) or ((mother or father or parent) and child and relation*) or object attachment or parenting or parent training or family function*)

#3 TS=(Psychosocial Intervention or Psychotherapy or Cognitive Behavioral Therapy)

#2 TS=((Child* or offspring*) and (emotion* or behavior* or development* or outcome* or attachment or relation*))

#1 TS=(((psychiatric or psychotic or mood or bipolar or trauma or personality or attention deficit or developmental or mental or affective) and (disorder* or illness*)) or ((substance or drug) and (use* or abuse)) or anxiety or depressive or depression or depressed)