

SEARCH STRATEGIES FOR THE IDENTIFICATION OF CLINICAL STUDIES

Each search was constructed using the groups of terms set out in Text Box 1. The full set of search terms is documented in sections 1 to 3.24. The selection of search terms was kept broad to maximise retrieval of evidence in a wide range of areas of interest to the GDG.

Text Box 1: Summary of systematic search strategies: Search strategy construction

Summary of systematic search strategies for clinical evidence					
Section 1					
Review area/s	Search type	Search construction	Study design searched	Databases searched	Date range searched
Review questions: 4.1,5.1,6.1,7.1, 9.1 (also includes sub questions)	Generic, evidence mapped to all review areas	General medical /topic specific databases – generic search: [(population terms) AND (systematic review/RCT study design filter)] Grey literature databases – generic search: (population search terms only)	Quantitative systematic review, RCT	General medical databases: Embase, Medline, PreMedline, PsycINFO Topic specific databases: AEI*, ASSIA*, BEI*, CDSR*, CENTRAL*, CINAHL*, DARE*, ERIC*, HTA*, IBSS*, Sociological Abstracts, SSA*, SSCI*	SR: 1995 to January 2013 RCT: database inception to January 2013

				Grey literature databases: HMIC*, PsycEXTRA, Social Policy and Practice	
Notes:					
<i>Evidence resulting from generic searches mapped to all review areas</i>					
Section 2					
Review area/s	Search type	Search construction	Study design searched	Databases searched	Date range searched
Experience of care and the organisation and delivery of care, RQ 1.1-1.3,2.1-2.2,3.1-3.4 (also includes sub questions)	Focused search, supplements evidence retrieved from evidence retrieved from searches detailed in	General medical databases: [(population terms) AND (qualitative systematic review terms OR qualitative study terms OR ((service user experience, sensitive terms) AND survey terms) OR service user experience, specific terms)] Topic specific databases: [(population terms) and (qualitative systematic	General medical databases: qualitative systematic reviews, qualitative primary studies, surveys Topic specific	General medical databases: Embase, Medline, PreMedline, PsycINFO Topic specific databases: AEI*, ASSIA*, BEI*, CINAHL, ERIC*, IBSS*, Sociological Abstracts,	1995 to January 2013

	Section 1	review filter]]	databases: qualitative systematic reviews	SSA*, SSCI*	
Notes: Supplements evidence captured by searches set out in Section 1					
* AEI (Australian Education Index), ASSIA (Applied Social Services Index and Abstracts), BEI (British Education Index), CDSR (Cochrane Database of Systematic Reviews), CENTRAL [COCHRANE database of RCTs and other controlled trials), CINAHL, (Cumulative Index to Nursing and Allied Health Literature), DARE (Database of Abstracts of Reviews and Effectiveness), ERIC (Education Resources in Curriculum), HMIC (Health Management Information Consortium), HTA (Health Technology Assessment database), IBSS (International Bibliography of Social Science), SSA (Social Services Abstracts), SSCI (Social Sciencis Citation Index – Web of Science)					

1 Population search terms – all databases

1.1 STEM – General medical databases

Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

- autism/ or asperger syndrome/ or childhood disintegrative disorder/ or "pervasive developmental disorder not otherwise specified"/
- 1 1 use emez
 - 2 1 use emez
 - 3 child development disorders, pervasive/ or asperger syndrome/ or autistic disorder/
 - 4 3 use mesz, prem
 - 5 aspergers syndrome/ or autism/ or autistic thinking/ or pervasive developmental disorders/
 - 6 5 use psych
 - 7 asperger\$.ti,ab.
 - 8 autis\$.ti,ab.
 - 9 childhood schizophrenia.ti,ab.
 - 10 ((communicat\$ or speech) adj3 disorder\$).ti,ab.
 - 11 (heller\$ or (disintegrative adj2 (disorder\$ or psychos\$))).ti,ab.
 - 12 kanner\$.ti,ab.
 - 13 (language adj3 delay\$).ti,ab.
 - 14 (((left or right) adj2 hemispher\$ adj3 (damag\$ or deficit\$ or disabilit\$ or disorder\$ or impair\$ or dysfunction\$)) or hemisphere functioning).ti,ab.
 - 15 (neurodiverse\$ or neurodiversit\$).ti,ab.
 - 16 ((nonverbal or non verbal) adj2 learning adj2 (deficit\$ or disabilit\$ or disorder\$ or impair\$ or dysfunction\$)).ti,ab.
 - 17 pathological demand avoidance.ti,ab.
 - 18 ((pervasive\$ adj2 (development\$ or neurodevelopment\$)) or pdd nos or pddnos).ti,ab.
 - 19 ((pragmatic language or semantic pragmatic) adj3 (deficit\$ or disabilit\$ or disorder\$ or impair\$ or dysfunction\$)).ti,ab.
 - 20 or/2,4,6-19

1.2 STEM - topic specific databases

HTA, CDSR, DARE, CENTRAL – Wiley

id	search
#1	mesh descriptor child development disorders, pervasive explode all trees

- #2 [\(asperger*\):ti or \(asperger*\):ab](#)
- #3 [\(autis*\):ti or \(autis*\):ab](#)
- #4 ["childhood schizophrenia":ti or "childhood schizophrenia":ab](#)
- #5 [\(\(communicat* or speech\) near/3 disorder*\):ti or \(\(communicat* or speech\) near/3 disorder*\):ab](#)
- #6 [\(heller* or \(disintegrative near/2 \(disorder* or psychos*\)\)\) :ti or \(heller* or \(disintegrative near/2 \(disorder* or psychos*\)\)\) :ab](#)
- #7 [\(kanner*\):ti or \(kanner*\):ab](#)
- #8 [\(language near/3 delay*\):ti or \(language near/3 delay*\):ab](#)
- #9 [\(\(left or right\) near/2 hemispher* near/3 \(damag* or deficit* or disabilit* or disorder* or impair* or dysfunction*\)\) or "hemisphere functioning":ti or \(\(left or right\) near/2 hemispher* near/3 \(damag* or deficit* or disabilit* or disorder* or impair* or dysfunction*\)\) or "hemisphere functioning":ab](#)
- #10 [\(neurodiverse* or neurodiversit*\):ti or \(neurodiverse* or neurodiversit*\):ab](#)
- #11 [\(\(nonverbal or non verbal\) near/2 learning near/2 \(deficit* or disabilit* or disorder* or impair* or dysfunction*\)\) :ti or \(\(nonverbal or non verbal\) near/2 learning near/2 \(deficit* or disabilit* or disorder* or impair* or dysfunction*\)\) :ab](#)
- #12 ["pathological demand avoidance":ti or "pathological demand avoidance":ab](#)
- #13 [\(\(pervasive* near/2 \(development* or neurodevelopment*\)\) or "pdd nos" or pddnos\):ti or \(\(pervasive* near/2 \(development* or neurodevelopment*\)\) or "pdd nos" or pddnos\):ab](#)
- #14 [\(\("pragmatic language" or "semantic pragmatic"\) near/3 \(deficit* or disabilit* or disorder* or impair* or dysfunction*\)\) :ti or \(\(\("pragmatic language" or "semantic pragmatic"\) near/3 \(deficit* or disabilit* or disorder* or impair* or dysfunction*\)\) :ab](#)
- #15 [\(#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14\)](#)

1.3 STEM - topic specific databases

Applied Social Sciences Index and Abstracts (ASSIA), Australian Education Index (AEI), British Education Index (BEI), Education Resources in Curriculum (ERIC), Social Services Abstracts (SSA), Sociological Abstracts, Applied Social Sciences Index and Abstracts (ASSIA), International Bibliography of Social Sciences (IBSS) - ProQUEST

s1 all(asperger* or autis* or "childhood schizophrenia" or ((communicat* or speech) near/3 disorder*) or heller* or (disintegrative near/2 (disorder* or psychos*)) or kanner* or (language near/3 delay*) or ((left or right) near/2 hemispher* near/3 (damag* or deficit* or disabilit* or disorder* or impair* or dysfunction*)) or "hemisphere functioning" or

neurodiverse* or neurodiversit* or ((nonverbal or non verbal) and learning and (deficit* or disabilit* or disorder* or impair* or dysfunction*)) or “pathological demand avoidance” or (pervasive* near/2 (development* or neurodevelopment*)) or “pdd nos” or pddnos or ((“pragmatic language” or “semantic pragmatic”) near/3 (deficit* or disabilit* or disorder* or impair* or dysfunction*))

1.4 STEM- topic specific databases

CINAHL – Ebsco

s15	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 or s14
s14	ti ((“pragmatic language” or “semantic pragmatic”) n3 (deficit* or disabilit* or disorder* or impair* or dysfunction*))) or ab ((“pragmatic language” or “semantic pragmatic”) n3 (deficit* or disabilit* or disorder* or impair* or dysfunction*)))
s13	ti (((pervasive* n2 (development* or neurodevelopment*)) or “pdd nos” or pddnos) or ab (((pervasive* n2 (development* or neurodevelopment*)) or “pdd nos” or pddnos)
s12	ti “pathological demand avoidance” or ab “pathological demand avoidance”
s11	ti (((nonverbal or “non verbal”) n2 learning n2 (deficit* or disabilit* or disorder* or impair* or dysfunction*))) or ab (((nonverbal or “non verbal”) n2 learning n2 (deficit* or disabilit* or disorder* or impair* or dysfunction*)))
s10	ti ((neurodiverse* or neurodiversit*)) or ab ((neurodiverse* or neurodiversit*))
s9	ti ((((left or right) n2 hemispher* n3 (damag* or deficit* or disabilit* or disorder* or impair* or dysfunction*)) or “hemisphere functioning”)) or ab ((((left or right) n2 hemispher* n3 (damag* or deficit* or disabilit* or disorder* or impair* or dysfunction*)) or “hemisphere functioning”))
s8	ti (language n3 delay*) or ab (language n3 delay*)
s7	ti kanner* or ab kanner*
s6	ti ((heller* or (disintegrative n2 (disorder* or psychos*)))) or ab ((heller* or (disintegrative n2 (disorder* or psychos*))))
s5	ti (((communicat* or speech) n3 disorder*)) or ab (((communicat* or speech) n3 disorder*))
s4	ti “childhood schizophrenia” or ab “childhood schizophrenia”
s3	ti autis* or ab autis*
s2	ti asperger* or ab asperger*
s1	(mh "child development disorders, pervasive" explode all trees)

1.5 STEM - topic specific databases

Social Sciences Citation Index - WoK

title=(asperger* or autis* or “childhood schizophrenia” or “communicat* disorder*” or
 1 “speech disorder*” or heller* or (disintegrative near (disorder* or psychos*)) or kanner* or
 “language delay*” or ((left or right) near hemispher* near (damag* or deficit* or disabilit* or
 disorder* or impair* or dysfunction*)) or “hemisphere functioning” or neurodiverse* or
 neurodiversit* or ((nonverbal or “non verbal”) near learning near (deficit* or disabilit* or
 disorder* or impair* or dysfunction*)) or “pathological demand avoidance” or (pervasive*
 near (development* or neurodevelopment*)) or “pdd nos” or pddnos or ((“pragmatic
 language” or “semantic pragmatic”) near (deficit* or disabilit* or disorder* or impair* or
 dysfunction*)) or topic=(asperger* or autis* or “childhood schizophrenia” or “communicat*
 disorder*” or “speech disorder*” or heller* or (disintegrative near (disorder* or psychos*)) or
 kanner* or “language delay*” or ((left or right) near hemispher* near (damag* or deficit* or
 disabilit* or disorder* or impair* or dysfunction*)) or “hemisphere functioning” or
 neurodiverse* or neurodiversit* or ((nonverbal or “non verbal”) near learning near (deficit* or
 disabilit* or disorder* or impair* or dysfunction*)) or “pathological demand avoidance” or
 (pervasive* near (development* or neurodevelopment*)) or “pdd nos” or pddnos or
 ((“pragmatic language” or “semantic pragmatic”) near (deficit* or disabilit* or disorder* or
 impair* or dysfunction*))

1.6 STEM – grey literature databases

Social Policy and Practice – OVID SP

1. (autism\$ or autistic\$ or asperger\$ or pervasive developmental disorder\$).de.
2. asperger\$.ti,ab.
3. autis\$.ti,ab.
4. childhood schizophrenia.ti,ab.
5. ((communicat\$ or speech) adj3 disorder\$).ti,ab.
6. (heller\$ or (disintegrative adj2 (disorder\$ or psychos\$))).ti,ab.
7. kanner\$.ti,ab.
8. (language adj3 delay\$).ti,ab.
9. (((left or right) adj2 hemispher\$ adj3 (damag\$ or deficit\$ or disabilit\$ or disorder\$ or
 impair\$ or dysfunction\$)) or hemisphere functioning).ti,ab.
10. (neurodiverse\$ or neurodiversit\$).ti,ab.
11. ((nonverbal or non verbal) adj2 learning adj2 (deficit\$ or disabilit\$ or disorder\$ or
 impair\$ or dysfunction\$)).ti,ab.
12. pathological demand avoidance.ti,ab.
13. ((pervasive\$ adj2 (development\$ or neurodevelopment\$)) or pdd nos or pddnos).ti,ab.
14. ((pragmatic language or semantic pragmatic) adj3 (deficit\$ or disabilit\$ or disorder\$ or
 impair\$ or dysfunction\$)).ti,ab.
15. or/1-14

1.7 STEM - grey literature databases

Health Management Information Consortium (HMIC), PsycEXTRA – OVID SP

(asperger\$ or autis\$ or childhood schizophrenia or ((communicat\$ or speech) adj3 disorder\$) or heller\$ or (disintegrative adj2 (disorder\$ or psychos\$)) or kanner\$ or (language adj3 delay\$) or ((left or right) adj2 hemispher\$ adj3 (damag\$ or deficit\$ or disabilit\$ or disorder\$ or impair\$ or dysfunction\$)) or hemisphere functioning or neurodiverse\$ or neurodiversit\$ or 1 ((nonverbal or non verbal) adj2 learning adj2 (deficit\$ or disabilit\$ or disorder\$ or impair\$ or dysfunction\$)) or pathological demand avoidance or (pervasive\$ adj2 (development\$ or neurodevelopment\$)) or pdd nos or pddnos or ((pragmatic language or semantic pragmatic) adj3 (deficit\$ or disabilit\$ or disorder\$ or impair\$ or dysfunction\$))).ti,ab.

2. Question specific search strategies - all databases

2.1 Experience of care and the organisation and delivery of care

Review questions:

1.1 What services and treatments are effective in providing a positive experience of care for children and young people with autism and their families and carers?

1.2 What are the key problems associated with the experience of care for children and young people with autism and their families and carers?

1.3 For children and young people with autism, and their families and carers, what would help improve the experience of care?

2.1 What information and day-to-day support is effective in supporting children and young people with autism and their families and carers :-

- in the post-diagnosis period (including genetic advice and advice about investigation for possible causes of autism including regression)?
- when treatment and care is provided (including case coordination or case management)?
- at intervention/management plan reviews?
- during periods of crisis?
- at key transitions (for example, school transitions and transition to adult services)?

2.2 What information and day-to-day support do children and young people with autism and their families and carers want:-

- in the post-diagnosis period?
- when treatment and care is provided?
- at intervention/management plan reviews?
- during periods of crisis?
- at key transitions (for example, school transitions and transition to adult services)?

3.1 What are the essential elements that allow integration across services/agencies for the optimal organisation and delivery of care to children and young people with autism and their

families and carers?

3.2 What are the essential elements that assist in the transition into adulthood services for young people with autism?

3.3 What are the effective ways of monitoring progress in children and young people with autism?

3.4 What alterations need to be made to routine and acute healthcare for children and young people with autism to ensure access for those with autism?

2.11 Service user experience, general medical databases

Embase, Medline, PreMedline, PsycINFO – OVID SP

1 cluster analysis/ or constant comparative method/ or content analysis/ or cultural anthropology/ or discourse analysis/ or ethnographic research/ or ethnography/ or ethnology/ or ethnonursing research/ or field study/ or grounded theory/ or information processing/ or nursing methodology research/ or personal experience/ or phenomenology/ or purposive sample/ or qualitative research/ or exp recording/ or semi structured interview/ or storytelling/ or structured interview/ or thematic analysis/ or theoretical sample/

2 1 use emez

3 anthropology, cultural/ or focus groups/ or exp tape recording/ or interview/ or personal narratives/ or exp interviews as topic/ or narration/ or nursing methodology research/ or observation/ or qualitative research/ or sampling studies/ or cluster analysis/ or videodisc recording/

4 3 use mesz, prem

5 "culture (anthropological)"/ or cluster analysis/ or content analysis/ or discourse analysis/ or ethnography/ or "experiences (events)"/ or grounded theory/ or interviews/ or life experiences/ or narratives/ or observation methods/ or phenomenology/ or qualitative research/ or structured clinical interview/ or exp tape recorders/ or storytelling/ or (field study or interview or focus group or qualitative study).md.

6 5 use psych

7 (action research or audiorecord\$ or ((audio or tape or video\$) adj5 record\$) or colaizzi\$ or (constant adj (comparative or comparison)) or content analy\$ or critical social\$ or (data adj1 saturat\$) or discourse analys?s or emic or ethical enquiry or ethno\$ or etic or fieldnote\$ or (field adj (note\$ or record\$ or stud\$ or research)) or (focus adj4 (group\$ or sampl\$)) or ((focus\$ or structured) adj2 interview\$) or giorgi\$ or glaser or (grounded adj (theor\$ or study or studies or research)) or heidegger\$ or hermeneutic\$ or heuristic or human science or husserl\$ or ((life or lived) adj experience\$) or maximum variation or merleau or narrat\$ or ((participant\$ or nonparticipant\$) adj3 observ\$) or ((philosophical or social) adj research\$) or (pilot testing and survey) or purpos\$ sampl\$ or qualitative\$ or ricoeur or semiotics or shadowing or snowball or spiegelberg\$ or stories or story or storytell\$ or strauss or structured categor\$ or tape record\$ or taperecord\$ or testimon\$ or (thematic\$ adj3 analys\$) or Themes or theoretical sampl\$ or unstructured categor\$ or van kaam\$ or van manen or

- videorecord\$ or video record\$ or videotap\$ or video tap\$).ti,ab.
- 8 or/2,4,6-7
- 9 health care survey/ or health survey/
- 10 9 use emez
- 11 health care surveys/ or exp health surveys/
- 12 11 use mesz, prem
- 13 exp surveys/
- 14 13 use psych
- 15 (survey\$ or question\$).ti,ab.
 caregiver/ or consumer attitude/ or attitude/ or family assessment/ or exp child parent
 relation/ or exp family attitude/ or family coping/ or family functioning/ or family health/ or
 16 family interaction/ or exp family life/ or family nursing/ or exp family relation/ or family
 therapy/ or family/ or friend/ or *home care/ or exp nuclear family/ or exp patient
 acceptance of health care/ or exp patient attitude/ or patient education/or patient
 satisfaction/ or patient-centered care/ or stepfamily/
- 17 16 use emez
 attitude/ or exp attitude to health/ or caregivers/ or community networks/ or consumer
 satisfaction/ or exp family characteristics/ or family health/ or family nursing/ or family
 18 relations/ or family therapy/ or family/ or home nursing/ or intergenerational relations/ or
 exp parents/ or exp *parent-child relations/ or exp patient acceptance of health care/ or
 patient education handout/ or patient education/ or patient-centered care/ or exp patient
 satisfaction/ or sibling relations/ or siblings/ or spouses/ or visitors to patients/
- 19 18 use mesz, prem
 adult attitudes/ or attitude change/ or attitude formation/ or attitudes/ or caregiver
 burden/ or caregivers/ or child attitudes/ or exp client attitudes/ or client education/ or
 client education/ or exp consumer attitudes/ or exp consumer surveys/ or family/ or exp
 family conflict/ or exp family members/ or exp family relations/ or exp family therapy/ or
 20 female attitudes/ or friendship/ or health attitudes/ or exp health attitudes/ or exp marital
 relations/ or home care/ or intergenerational relations/ or marriage attitudes/ or nuclear
 family/ or exp parent child relations/ or exp parental attitudes/ or exp patient attitude/ or
 parental role/ or patient education/ or patient satisfaction/ or patient-centered care/ or
 sibling relations/ or significant others/ or spouses/ or stepfamily/
- 21 20 use psych
 (account\$ or anxieties or attitude\$ or barriers or belief\$ or buyin or buy in\$1 or cooperat\$ or
 22 co operat\$ or expectation\$ or experienc\$ or feedback or involv\$ or opinion\$ or participat\$ or
 perceived need\$ or (perception\$ not speech perception) or perspective\$ or preferen\$ or
 satisf\$ or view\$ or voices or worry).ti,ab.
- 23 (or/10,12,14-15) and (or/17,19,21-22)
- 24 ((information adj (need\$ or requirement\$ or support\$)) or patient information).ti,ab.
- 25 (service\$ adj2 (acceptab\$ or unacceptab\$)).ti,ab.
- 26 or/24-25
- 27 ((adult\$ or attender\$ or carer\$ or caregiver\$ or care giver\$ or client\$ or consumer\$ or

couples or customer\$ or daughter\$ or famil\$ or father\$ or friend\$ or husband\$ or individual\$ or marital\$ or mentor\$ or mother\$ or multifamil\$ or niece or nephew\$ or parent\$ or partner\$ or patient\$ or people\$ or person\$ or relative\$ or sibling\$ or spouse\$ or step relationship\$ or teacher\$ or wife or wives or women or user\$ or adolescen\$ or boy\$1 or child\$ or girl\$1 or graders or infant\$ or junior\$1 or juvenile\$ or kindergarten or minors or p?ediatric\$ or postpubert\$ or postpubescen\$ or preadolescenc\$ or prepubert\$ or prepubescen\$ or preschool\$ or preteen\$ or pubert\$ or pubescen\$ or school\$ or teen\$ or (young\$ adj (people or person\$ or patient\$ or population\$)) or youngster\$ or youth\$1) adj3 (account\$ or anxieties or attitude\$ or barriers or belief\$ or buyin or buy in\$1 or cooperat\$ or co operat\$ or expectation\$ or experienc\$ or feedback or involv\$ or opinion\$ or participat\$ or perceived need\$ or (perception\$ not speech perception) or perspective\$ or preferen\$ or satisf\$ or view\$ or voices or worry)).ti,ab.

28 or/8,23,26-27

2.12 Service user experience, topic specific databases

CINAHL – Wiley

s39	s21 or s35 or s36 or s37 or s38
s38	<p>ti (((adult* or attender* or carer* or caregiver* or care giver* or client* or consumer* or couples or customer* or daughter* or famil* or famil* or father* or friend* or husband* or individual* or marital or mentor* or mother* or multifam* or parent* or partner* or patient* or people* or person* or relative* or sibling* or spouse* or step relationship* or son or sons or teacher* or wife or wives or women or user* or adolescen* or boy* or child* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or niece or nephew* or p?ediatric* or postpubert* or postpubescen* or preadolescenc* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or (young* n1 (people or person* or patient* or population*)) or youngster* or youth*) n3 (account* or anxieties or attitude* or barriers or belief* or buyin or “buy in*” or cooperat* or co operat* or expectation* or experienc* or feedback or involv* or opinion* or participat* or perceived need* or (perception* not speech perception) or perspective* or preferen* or satisf* or view* or voices or worry))) or ab (((adult* or attender* or carer* or caregiver* or care giver* or client* or consumer* or couples or customer* or daughter* or famil* or famil* or father* or friend* or husband* or individual* or marital or mentor* or mother* or multifam* or parent* or partner* or patient* or people* or person* or relative* or sibling* or spouse* or step relationship* or son or sons or teacher* or wife or wives or women or user* or adolescen* or boy* or child* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or niece or nephew* or p?ediatric* or postpubert* or postpubescen* or preadolescenc* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or (young* n1 (people or person* or patient* or population*)) or youngster* or youth*) n3 (account* or anxieties or attitude* or barriers or belief* or buyin or “buy in*” or cooperat* or co operat* or</p>

	expectation* or experienc* or feedback or involv* or opinion* or participat* or perceived need* or (perception* not speech perception) or perspective* or preferen* or satisf* or view* or voices or worry)))
s37	ti ((service* n2 (acceptab* or unacceptab*))) or ab ((service* n2 (acceptab* or unacceptab*)))
s36	ti ((information n1 (need* or requirement* or support*)) or ((carer* or care giv* or caregiv* or famil*) n2 information")) or ab ((information n1 (need* or requirement* or support*)) or ((carer* or care giv* or caregiv* or famil*) n2 information")))
s35	s33 and s34
s34	s25 or s26 or s27 or s28 or s29 or s30 or s31 or s32
s33	s22 or s23 or s24
s32	ti ((account* or anxieties or attitude* or barriers or belief* or buyin or "buy in*" or cooperat* or co operat* or expectation* or experienc* or feedback or involv* or opinion* or participat* or "perceived need*" or (perception* not speech perception) or perspective* or preferen* or satisf* or view* or voices or worry)) or ab ((account* or anxieties or attitude* or barriers or belief* or buyin or "buy in*" or cooperat* or co operat* or expectation* or experienc* or feedback or involv* or opinion* or participat* or "perceived need*" or (perception* not speech perception) or perspective* or preferen* or satisf* or view* or voices or worry))
s31	(mh "adult-child relations")
s30	(mh "caregiver adaptation to patient institutionalization (iowa noc)") or (mh "caregiver burden") or (mh "caregiver emotional health (iowa noc)") or (mh "caregiver home care readiness (iowa noc)") or (mh "caregiver lifestyle disruption (iowa noc)") or (mh "caregiver performance: direct care (iowa noc)") or (mh "caregiver performance: indirect care (iowa noc)") or (mh "caregiver physical health (iowa noc)") or (mh "caregiver role strain (nanda)") or (mh "caregiver role strain (saba ccc)") or (mh "caregiver strain index") or (mh "caregiver stressors (iowa noc)") or (mh "caregiver support") or (mh "caregivers")
s29	(mh "children of impaired parents+") or (mh "community networks") or (mh "family health (iowa noc) (non-cinahl)") or (mh "family health") or (mh "family member health status (iowa noc) (non-cinahl)") or (mh "family nursing") or (mh "family services") or (mh "family+") or (mh "home health aides") or (mh "home health care") or (mh "home nursing") or (mh "intergenerational relations") or (mh "parents+") or (mh "risk for caregiver role strain (nanda)") or (mh "siblings") or (mh "significant other") or (mh "spouses") or (mh "visitors to patients")
s28	(mh "attitude") or (mh "consumer attitudes") or (mh "attitude to health+") or (mh "attitude to illness+") or (mh "family attitudes+")
s27	(mh "patient education") or (mh "patient education (iowa nic) (non-cinahl)") or (mh

	"patient satisfaction")
s26	(mh "patient centered care")
s25	(mh "patient compliance+")
s24	ti (question* or survey*) or ab (question* or survey*)
s23	(mh "surveys")
s22	(mh "questionnaires+")
s21	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 or s14 or s15 or s16 or s17 or s18 or s19 or s20
s20	tx ((qualitative* and (metaanal* or meta anal* or synthes* or systematic review*))) or pt ((qualitative* and (metaanal* or meta anal* or synthes* or systematic review*))) or mw ((qualitative* and (metaanal* or meta anal* or synthes* or systematic review*)))
s19	ti (("action research" or audiorecord* or ((audio or tape or video*) n5 record*) or colaizzi* or (constant n1 (comparative or comparison)) or "content analy*" or "critical social*" or (data n1 saturat*) or "discourse analys?s" or emic or "ethical enquiry" or ethno* or etic or fieldnote* or (field n1 (note* or record* or stud* or research)) or (focus n4 (group* or sampl*)) or ((focus* or structured) n2 interview*) or giorgi* or glaser or (grounded n1 (theor* or study or studies or research)) or heidegger* or hermeneutic* or heuristic or "human science" or husserl* or ((life or lived) n1 experience*) or "maximum variation" or merleau or narrat* or ((participant* or nonparticipant*) n3 observ*) or ((philosophical or social) n1 research*) or (pilot testing and survey) or "purpos* sampl*" or qualitative* or ricoeur or semiotics or shadowing or snowball or spiegelberg* or stories or story or storytell* or strauss or "structured categor*" or "tape record*" or taperecord* or testimon* or (thematic* n3 analys*) or themes or "theoretical sampl*" or "unstructured categor*" or "van kaam*" or "van manen" or videorecord* or "video record*" or videotap* or "video tap*")) or ab (("action research" or audiorecord* or ((audio or tape or video*) n5 record*) or colaizzi* or (constant n1 (comparative or comparison)) or "content analy*" or "critical social*" or (data n1 saturat*) or "discourse analys?s" or emic or "ethical enquiry" or ethno* or etic or fieldnote* or (field n1 (note* or record* or stud* or research)) or (focus n4 (group* or sampl*)) or ((focus* or structured) n2 interview*) or giorgi* or glaser or (grounded n1 (theor* or study or studies or research)) or heidegger* or hermeneutic* or heuristic or "human science" or husserl* or ((life or lived) n1 experience*) or "maximum variation" or merleau or narrat* or ((participant* or nonparticipant*) n3 observ*) or ((philosophical or social) n1 research*) or (pilot testing and survey) or "purpos* sampl*" or qualitative* or ricoeur or semiotics or shadowing or snowball or spiegelberg* or stories or story or storytell* or strauss or "structured categor*" or "tape record*" or taperecord* or testimon* or (thematic* n3 analys*) or themes or "theoretical sampl*" or "unstructured categor*" or "van kaam*" or "van manen" or videorecord* or "video record*" or videotap* or "video tap*"))

s18	(mh "videorecording")
s17	(mh "theoretical sample")
s16	(mh "thematic analysis")
s15	(mh "qualitative validity")
s14	(mh "qualitative studies+")
s13	(mh "purposive sample")
s12	(mh "phenomenology")
s11	(mh "observational methods+")
s10	(mh "narratives")
s9	(mh "interviews+")
s8	(mh "information processing (iowa noc)")
s7	(mh "focus groups")
s6	(mh "field studies")
s5	(mh "discourse analysis")
s4	(mh "content analysis")
s3	(mh "constant comparative method")
s2	(mh "cluster analysis")
s1	(mh "audiorecording")

3 Study design filters – all databases

3.1 Quantitative and qualitative systematic review study design filters

3.11 Quantitative systematic review study design filter, general medical databases

Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

- 1 meta analysis/ or systematic review/
- 2 1 use emez
- 3 meta analysis.sh,pt. or "meta-analysis as topic"/ or "review literature as topic"/
- 4 3 use mesz, prem
- 5 (literature review or meta analysis).sh,id,md. or systematic review.id,md.
- 6 5 use psych

- 7 (exp bibliographic database/ or (((electronic or computer\$ or online) adj database\$) or bids or cochrane or embase or index medicus or isi citation or medline or psyclit or psychlit or scisearch or science citation or (web adj2 science)).ti,ab.) and (review\$.ti,ab,sh,pt. or systematic\$.ti,ab.)
- 8 7 use emez
- 9 (exp databases, bibliographic/ or (((electronic or computer\$ or online) adj database\$) or bids or cochrane or embase or index medicus or isi citation or medline or psyclit or psychlit or scisearch or science citation or (web adj2 science)).ti,ab.) and (review\$.ti,ab,sh,pt. or systematic\$.ti,ab.)
- 10 9 use mesz, prem
- 11 (computer searching.sh,id. or (((electronic or computer\$ or online) adj database\$) or bids or cochrane or embase or index medicus or isi citation or medline or psyclit or psychlit or scisearch or science citation or (web adj2 science)).ti,ab.) and (review\$.ti,ab,pt. or systematic\$.ti,ab.)
- 12 11 use psych
- 13 ((analy\$ or assessment\$ or evidence\$ or methodol\$ or quantitativ\$ or systematic\$) adj2 (overview\$ or review\$)).tw. or ((analy\$ or assessment\$ or evidence\$ or methodol\$ or quantitativ\$ or systematic\$).ti. and review\$.ti,pt.) or (systematic\$ adj2 search\$).ti,ab.
- 14 (metaanal\$ or meta anal\$).ti,ab.
- 15 (research adj (review\$ or integration)).ti,ab.
- 16 reference list\$.ab.
- 17 bibliograph\$.ab.
- 18 published studies.ab.
- 19 relevant journals.ab.
- 20 selection criteria.ab.
- 21 (data adj (extraction or synthesis)).ab.
- 22 (handsearch\$ or ((hand or manual) adj search\$)).ti,ab.
- 23 (mantel haenszel or peto or dersimonian or der simonian).ti,ab.
- 24 (fixed effect\$ or random effect\$).ti,ab.
- 25 ((pool\$ or combined or combining) adj2 (data or trials or studies or results)).ti,ab.
- 26 or/2,4,6,8,10,12-25

3.12 Qualitative systematic review study design filter, general medical databases

Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

1	(cross case analys\$ or eppi approach or metaethno\$ or meta ethno\$ or metanarrative\$ or meta narrative\$ or meta overview or metaoverview or metastud\$ or meta stud\$ or
---	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	metasummar\$ or meta summar\$ or qualitative overview\$).ti,ab.
2	((critical interpretative or evidence or meta or mixed methods or multilevel or multi level or narrative or parallel or realist) adj synthes\$) or metasynthes\$).ti,ab.
3	(qualitative\$ and (metaanal\$ or meta anal\$ or synthes\$ or systematic review\$)).ti,ab,hw,pt.
4	or/1-3

3.13 Quantitative systematic review study design filter, topic specific databases

Applied Social Sciences Index and Abstracts (ASSIA), Australian Education Index (AEI), British Education Index (BEI), Education Resources in Curriculum (ERIC), Social Services Abstracts (SSA), Sociological Abstracts, Applied Social Sciences Index and Abstracts (ASSIA), International Bibliography of Social Sciences (IBSS) – ProQUEST [high specificity]

S1 all (“meta anal*” or “systematic overview” or “systematic review” or “systematic search”))

3.14 Qualitative systematic review study design filter, topic specific databases

Applied Social Sciences Index and Abstracts (ASSIA), Australian Education Index (AEI), British Education Index (BEI), Education Resources in Curriculum (ERIC), International Bibliography of Social Sciences (IBSS), National Criminal Justice Reference Service (NCJRS), Social Services Abstracts (SSA), Sociological Abstracts – ProQUEST

s1	all(“cross case analys*” or “epi approach” or metaethno* or “meta ethno*” or metanarrative* or “meta narrative*” or “meta overview” or metaoverview or metastud* or “meta stud*” or metasummar* or “meta summar*” or “qualitative overview*”))
s2	all((((“critical interpretative” or evidence or meta or “mixed methods” or multilevel or “multi level” or narrative or parallel or realist) near/1 synthes*) or metasynthes*))
s3	all((qualitative* and (metaanal* or “meta anal*” or synthes* or “systematic review*”)))
s4	s1 or s2 or s3

3.15 Quantitative systematic review study design filter, topic specific databases

CINAHL – EBSCO HOST

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 or s14 or s15 or s16 or s22 or s23 or s26 or s27 or s28 or s29 or s30 or s31 or s32
s32	ti (analy* n5 review* or assessment* n5 review* or evidence* n5 review* or methodol* n5 review* or quantativ* n5 review* or systematic* n5 review*) or ab (analy* n5 review* or assessment* n5 review* or evidence* n5 review* or methodol* n5 review* or quantativ*

	n5 review* or systematic* n5 review*)
s31	ti (analy* n5 overview* or assessment* n5 overview* or evidence* n5 overview* or methodol* n5 overview* or quantativ* n5 overview* or systematic* n5 overview*) or ab (analy* n5 overview* or assessment* n5 overview* or evidence* n5 overview* or methodol* n5 overview* or quantativ* n5 overview* or systematic* n5 overview*)
s30	ti (pool* n2 results or combined n2 results or combining n2 results) or ab (pool* n2 results or combined n2 results or combining n2 results)
s29	ti (pool* n2 studies or combined n2 studies or combining n2 studies) or ab (pool* n2 studies or combined n2 studies or combining n2 studies)
s28	ti (pool* n2 trials or combined n2 trials or combining n2 trials) or ab (pool* n2 trials or combined n2 trials or combining n2 trials)
s27	ti (pool* n2 data or combined n2 data or combining n2 data) or ab (pool* n2 data or combined n2 data or combining n2 data)
s26	s24 and s25
s25	ti review* or pt review*
s24	ti analy* or assessment* or evidence* or methodol* or quantativ* or systematic*
s23	ti "systematic* n5 search*" or ab "systematic* n5 search*"
s22	(s17 or s18 or s19) and (s20 or s21)
s21	ti systematic* or ab systematic*
s20	tx review* or mw review* or pt review*
s19	(mh "cochrane library")
s18	ti (bids or cochrane or index medicus or "isi citation" or psyclit or psychlit or scisearch or "science citation" or web n2 science) or ab (bids or cochrane or index medicus or "isi citation" or psyclit or psychlit or scisearch or "science citation" or web n2 science)
s17	ti ("electronic database*" or "bibliographic database*" or "computerized database*" or "online database*") or ab ("electronic database*" or "bibliographic database*" or "computerized database*" or "online database*")
s16	(mh "literature review")
s15	pt systematic* or pt meta*
s14	ti ("fixed effect*" or "random effect*") or ab ("fixed effect*" or "random effect*")
s13	ti ("mantel haenszel" or peto or dersimonian or "der simonian") or ab ("mantel haenszel" or peto or dersimonian or "der simonian")
s12	ti (handsearch* or "hand search*" or "manual search*") or ab (handsearch* or "hand

	search*" or "manual search*")
s11	ab "data extraction" or "data synthesis"
s10	ab "selection criteria"
s9	ab "relevant journals"
s8	ab "published studies"
s7	ab bibliograph*
s6	ab "reference list*"
s5	ti ("research review*" or "research integration") or ab ("research review*" or "research integration")
s4	ti (metaanal* or "meta anal*") or ab (metaanal* or "meta anal*")
s3	(mh "meta analysis")
s2	(mh "systematic review")
s1	(mh "literature searching+")

3.16 Qualitative systematic review study design filter, topic specific databases

CINAHL – EBSCO HOST

s1	ti ("cross case analys*" or "eppi approach" or metaethno* or "meta ethno*" or metanarrative* or "meta narrative*" or "meta overview" or metaoverview or metastud* or "meta stud*" or metasummar* or "meta summar*" or "qualitative overview*") or ab ("cross case analys*" or "eppi approach" or metaethno* or "meta ethno*" or metanarrative* or "meta narrative*" or "meta overview" or metaoverview or metastud* or "meta stud*" or metasummar* or "meta summar*" or "qualitative overview*")
s2	ti (((("critical interpretative" or evidence or meta or "mixed methods" or multilevel or "multi level" or narrative or parallel or realist) near synthes*) or metasynthes*) or ab (((("critical interpretative" or evidence or meta or "mixed methods" or multilevel or "multi level" or narrative or parallel or realist) near synthes*) or metasynthes*)
s3	ti qualitative* or ab qualitative* or mw qualitative* or pt qualitative*
s4	ti (metaanal* or "meta anal*" or synthes* or "systematic review*") or ab (metaanal* or "meta anal*" or synthes* or "systematic review*") or mw (metaanal* or "meta anal*" or synthes* or "systematic review*") or pt (metaanal* or "meta anal*" or synthes* or "systematic review*")
s5	s3 and s4
s6	s1 or s2 or s5

3.17 Quantitative systematic review study design filter, topic specific databases

SSCI – Web of Knowledge

- #1 title=(“electronic database*” or “computer* database*” or “online database*” or bids or cochrane or embase or “index medicus” or “isi citation” or medline or psyclit or psychlit or scisearch or “science citation” or “web of science”)
- #2 title=(review* or systematic*) or topic=(review* or systematic*)
- #3 #1 and #2
- #4 topic=((systematic* near search* or metaanal* or “meta anal*” or “research review*” or “research integration” or “reference list*” or bibliograph* or “published studies” or “relevant journals” or “selection criteria” or “data extraction” or “data synthesis” or handsearch* or “hand search*” or “manual search*” or “mantel haenszel” or peto or dersimonian or “der simonian” or “fixed effect*” or “random effect*” or ((pool* or combined or combining) near (data or trials or studies or results)))) or title=((systematic* near search* or metaanal* or “meta anal*” or “research review*” or “research integration” or “reference list*” or bibliograph* or “published studies” or “relevant journals” or “selection criteria” or “data extraction” or “data synthesis” or handsearch* or “hand search*” or “manual search*” or “mantel haenszel” or peto or dersimonian or “der simonian” or “fixed effect*” or “random effect*”) or ((pool* or combined or combining) near (data or trials or studies or results))))
- #5 topic((((analy* or assessment* or evidence* or methodol* or quantitativ* or systematic*) near (overview* or review*))) or title((((analy* or assessment* or evidence* or methodol* or qualitativ* or quantitativ* or systematic*) near (overview* or review*))))
- #6 #3 or #4 or #5

3.18 Qualitative systematic review study design filter, topic specific databases

SSCI – Web of Knowledge

#1	topic=(("cross case analys*" or "eppi approach" or metaethno* or "meta ethno*" or metanarrative* or "meta narrative*" or "meta overview" or metaoverview or metastud* or "meta stud*" or metasummar* or "meta summar*" or "qualitative overview*")) or title=(("cross case analys*" or "eppi approach" or metaethno* or "meta ethno*" or metanarrative* or "meta narrative*" or "meta overview" or metaoverview or metastud* or "meta stud*" or metasummar* or "meta summar*" or "qualitative overview*"))
#2	topic((((("critical interpretative" or evidence or meta or "mixed methods" or multilevel or "multi level" or narrative or parallel or realist) near synthes*) or metasynthes*)) or title((((("critical interpretative" or evidence or meta or "mixed methods" or multilevel or "multi level" or narrative or parallel or realist) near synthes*) or metasynthes*))
#3	topic=((qualitative* and (metaanal* or "meta anal*" or synthes* or "systematic review*")))) or title=((qualitative* and (metaanal* or "meta anal*" or synthes* or "systematic review*"))))
#4	#1 or #2 or #3

3.2 Randomised controlled trial filters

3.21 Randomized controlled trial study design filter, general medical databases

Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

- 1 exp "clinical trial (topic)"/ or exp clinical trial/ or crossover procedure/ or double blind procedure/ or placebo/ or randomization/ or random sample/ or single blind procedure/
- 2 1 use emez
- 3 exp clinical trial/ or cross-over studies/ or double-blind method/ or placebos/ or random allocation/ or "randomized controlled trials as topic"/ or single-blind method/
- 4 3 use mesz, prem
- 5 (clinical trials or placebo or random sampling).sh,id.
- 6 5 use psych
- 7 (clinical adj2 trial\$).ti,ab.
- 8 (crossover or cross over).ti,ab.
- 9 (((single\$ or doubl\$ or trebl\$ or tripl\$) adj2 blind\$) or mask\$ or dummy or doubleblind\$ or singleblind\$ or trebleblind\$ or tripleblind\$).ti,ab.
- 10 (placebo\$ or random\$).ti,ab.
- 11 treatment outcome\$.md. use psych
- 12 animals/ not human\$.mp. use emez
- 13 animal\$/ not human\$/ use mesz, prem
- 14 (animal not human).po. use psych
- 15 (or/2,4,6-11) not (or/12-14)

3.22 Randomized controlled trial study design filter, topic specific databases

Applied Social Sciences Index and Abstracts (ASSIA), Australian Education Index (AEI), British Education Index (BEI), Education Resources in Curriculum (ERIC), Social Services Abstracts (SSA), Sociological Abstracts, Applied Social Sciences Index and Abstracts (ASSIA), International Bibliography of Social Sciences (IBSS) – PRO QUEST

- S1 all ((clinical near/1 trial* or crossover or "cross over") or ((single* or doubl* or trebl* or tripl*) near/1 (blind* or mask* or dummy)) or (singleblind* or doubleblind* or trebleblind* or tripleblind* or placebo* or random*))

3.23 Randomized controlled trial study design filter, topic specific databases

s10	s9 not s8
s9	s1 or s2 or s3 or s4 or s5 or s6 or s7
s8	(mh "animals") not (mh "human")
s7	(pt "clinical trial") or (pt "randomized controlled trial")
s6	ti (placebo* or random*) or ab (placebo* or random*)
s5	ti (single blind* or double blind* or treble blind* or mask* or dummy* or singleblind* or doubleblind* or trebleblind*) or ab (single blind* or double blind* or treble blind* or mask* or dummy* or singleblind* or doubleblind* or trebleblind*)
s4	ti (crossover or cross over) or ab (crossover or cross over)
s3	ti clinical n2 trial* or ab clinical n2 trial*
s2	(mh "crossover design") or (mh "placebos") or (mh "random assignment") or (mh "random sample")
s1	(mh "clinical trials+")

3.24 Randomized controlled trial study design filter, topic specific databases

SSCI – Web of Knowledge

#1 topic=(((clinical near trial* or crossover or “cross over”) or ((single* or doubl* or trebl* or tripl*) near (blind* or mask* or dummy)) or (singleblind* or doubleblind* or trebleblind* or tripleblind* or placebo* or random*)) or title=(((clinical near trial* or crossover or “cross over”) or ((single* or doubl* or trebl* or tripl*) near (blind* or mask* or dummy)) or (singleblind* or doubleblind* or trebleblind* or tripleblind* or placebo* or random*))