

APPENDIX 7:

SEARCH STRATEGIES FOR THE IDENTIFICATION OF CLINICAL STUDIES

Each search was constructed using the groups of terms set out in the summary of clinical studies' search strategies, below. The full set of search terms is documented in sections 1 to 3.42. The selection of search terms was kept broad to maximise retrieval of evidence in a wide range of areas of interest to the Guideline Development Group.

Abbreviations

AEI	Australian Education Index
ASSIA	Applied Social Services Index and Abstracts
BEI	British Education Index
C2-PROT	Campbell Collaboration Prospective Trials Register
CDSR	Cochrane Database of Systematic Reviews
CENTRAL	Cochrane Central Register of Controlled Trials
CINAHL	Cumulative Index to Nursing and Allied Health Literature
DARE	Database of Abstracts of Reviews and Effective
Embase	Excerpta Medica Database
ERIC	Education Resources in Curriculum
HMIC	Health Management Information Consortium
HTA	Health Technology Assessment database
IBSS	International Bibliography of Social Science
MEDLINE	Medical Literature Analysis and Retrieval System Online
NCJRS	National Criminal Justice Reference Service
PreMEDLINE	in-process database for MEDLINE
RCT	randomised controlled trial
PsycBOOKS	full-text database of books and chapters in the American Psychological Association's electronic databases
PsycEXTRA	grey literature database, which is a companion to PsycINFO
PsycINFO	Psychological Information Database
SSA	Social Services Abstracts
SSCI	Social Sciences Citation Index

Summary of systemic search strategies: clinical studies search strategy construction

Summary of systematic search strategies for clinical evidence				
Review area/s				
Interventions, prevention	Search construction	Study design limits	Databases searched	Date range searched
Prevention	Mainstream databases - focused search: [(((population terms version 1) AND (intervention OR prevention terms)) or ((population terms version 2) AND (parent training terms) or (named interventions)) and (quantitative systematic review/RCT filter)]	Prevention: RCT Interventions: systematic review, RCT	Mainstream databases: Embase, MEDLINE, PreMEDLINE, PsycINFO Topic specific databases #1: AEL, ASSIA, BEL, ERIC, IBSS, NCJRS, Sociological Abstracts, SSA, SSCI Topic specific databases #2: CDSR, CENTRAL, C2-PROT, DARE, HTA Grey literature databases: HMIC, PsycBOOKS, PsycEXTRA	Systematic reviews: 1995 to June 2012 RCTs: inception to June 2012
Interventions	Topic specific databases #1 - generic search: [(population terms) AND (quantitative systematic review/RCT filter)] Topic specific databases #2 - generic search: (population terms only) Grey literature databases - generic search: (Population search terms only)			

<i>(i) Questions on prevention and interventions grouped together for the purposes of search</i>				
<i>(ii) Evidence resulting from generic searches mapped to all review areas searched</i>				
Review area/s				
Case ID, diagnosis and assessment	Search construction	Study design limits	Databases searched	Date range searched
Case identification	Mainstream databases – focused search: [((population terms) AND (case identification, diagnosis and assessment terms) AND (diagnostic accuracy filter) AND (quantitative systematic review/RCT/observational study filter)) OR ((named tools) AND (quantitative systematic review/RCT/observational study filter))]	Systematic review, RCT, observational studies	Mainstream databases, focused search: Embase, MEDLINE, PreMEDLINE, PsycINFO	Systematic review: 1995 to June 2012 RCT, observational studies: inception to June 2012
Diagnosis and assessment	Topic specific databases – focused search: [((population terms) AND (case identification, diagnosis and assessment terms) AND (diagnostic accuracy filter) AND (observational study filter))] Topic specific databases #1 – generic search: [((population terms) AND (quantitative systematic review/RCT filter))] Topic specific databases #2 – generic search: (population terms only) Grey literature databases – generic search: (Population search terms only)		Topic specific databases, focused search: AEI, ASSIA, BEI, ERIC, IBSS, NCJRS, Sociological Abstracts, SSA Topic specific databases, generic search #1: AEI, ASSIA, BEI, ERIC, IBSS, NCJRS, Sociological Abstracts, SSA Topic specific databases #2, generic search: CDSR, CENTRAL, C2-PROT, DARE, HTA Grey literature databases, generic search: HMIC, PsycBOOKS, PsycEXTRA	
<i>(i) Questions on case ID, diagnosis and assessment grouped together for the purposes of search</i>				
<i>(ii) Evidence resulting from generic searches mapped to all review areas searched</i>				

Review area/s				
Experience of care	Search construction	Study design limits	Databases searched	Date range searched
Experience of care	<p>Mainstream databases/CINAHL – focused search #1: [((population terms) AND (qualitative research terms OR service user experience terms) AND (quantitative SR filter)) OR ((population terms) AND qualitative systematic review filter)]</p> <p>Mainstream databases/CINAHL – focused search #2: [(population terms – high spec, limited to title) AND (service user experience terms – high spec, limited to title) AND (review/survey filter)]</p> <p>Topic specific databases #1 – generic search: [(population terms) AND (qualitative/quantitative systematic review filter)]</p> <p>Topic specific databases #2 – generic search: (population terms only)</p> <p>Grey literature databases – generic search: (Population search terms only)</p>	systematic review/ reviews/ surveys	<p>Mainstream databases, focused search: CINAHL, Embase, MEDLINE, PreMEDLINE, PsycINFO</p> <p>Topic specific databases #1, generic search: AEI, ASSIA, BEI, ERIC, IBSS, NCJRS, Sociological Abstracts, SSA, SSCI</p> <p>Topic specific databases #2, generic search: CDSR, CENTRAL, C2-PROT, DARE, HTA</p> <p>Grey literature databases. Generic search: HMIC, PsycBOOKS, PsycEXTRA</p>	1995 to June 2012
<i>(i) Evidence resulting from generic searches mapped to all review areas searched</i>				
Review area/s				
Access	NO SEARCH			
Review area/s				
Organisation and Delivery of care	NO SEARCH			

1. Population search terms - all databases

1.1 Embase, MEDLINE, PreMEDLINE, PsycINFO - OvidSP

1.1.1 Version 1

1	child behavior/ or conduct disorder/ or oppositional defiant disorder/
2	1 use emez
3	exp child behavior/ or child behavior disorders/ or conduct disorder/
4	3 use mesz, prem
5	exp behavior problems/ or conduct disorder/ or oppositional defiant disorder/
6	5 use psych
7	(conduct\$ adj2 (defiant\$ or difficult\$ or disorder\$ or disturb\$ or problem\$)).ti,ab.
8	(oppositional adj3 (defiant\$ or disorder\$)).ti,ab.
9	(child\$ adj3 (behav\$ or conduct\$)).ti,ab.
10	or/2,4,6-9
11	(behav\$ adj2 (agnostic or challeng\$ or dangerous or destructive or difficult\$ or disorder\$ or disrupt\$ or disturb\$ or externali\$ or problem\$)).ti,ab.
12	exp adolescent/ or exp adolescence/ or exp child/ or exp childhood/
13	12 use emez
14	exp adolescent/ or exp child/ or infant/
15	14 use mesz, prem
16	limit 11 to ((childhood or adolescence <13 to 17 years>) and (100 childhood or 140 infancy or 160 preschool age or 180 school age or 200 adolescence))
17	16 use psych
18	(adolescens\$ or boy\$1 or child\$ or delinquen\$ or girl\$1 or graders or infant\$ or junior\$1 or juvenile\$ or kindergarten or minors or p?ediatric\$ or postpubert\$ or postpubescens\$ or preadolescens\$ or prepubert\$ or prepubescens\$ or preschool\$ or preteen\$ or pubert\$ or pubescens\$ or school\$ or teen\$ or toddler\$ or (young\$ adj (people or person\$ or patient\$ or population\$)) or youngster\$ or youth\$1).ti,ab.
19	11 and (or/13,15,17-18)
20	or/10,19
21	absenteeism/ or exp aggression/ or antisocial behavior/ or arson/ or assault/ or behavior disorder/ or conflict/ or criminal behavior/ or delinquency/ or forgery/ or fraud/ or gang/ or exp impulse control disorder/ or juvenile delinquency/ or psychopathy/ or rape/ or recumbency/ or theft/ or torture/ or violence/
22	21 use emez
23	exp aggression/ or exp anger/ or "conflict (psychology)"/ or firesetting behavior/ or fraud/ or homicide/ or exp impulse control disorders/ or juvenile delinquency/ or rape/ or sex offences/ or social behavior disorders/ or theft/ or torture/ or violence/
24	23 use mesz, prem
25	exp adjudication/ or exp aggressive behavior/ or aggressiveness/ or exp anger/ or anger control/ or antisocial behavior/ or arson/ or attack behavior/ or behavior disorders/ or exp behavior problems/ or bullying/ or conflict/ or exp criminal behavior/ or cruelty/ or deception/ or exp gangs/ or homicide/ or exp impulse control disorders/ or exp juvenile delinquency/ or physical abuse/ or psychopathy/ or exp rape/ or rebelliousness/ or runaway behavior/ or school violence/ or exp sex offences/ or exp theft/ or exp truancy/ or vandalism/ or violence/
26	25 use psych
27	((adjust\$ adj2 (difficult\$ or problem\$)) or aggressi\$ or angry or anger\$ or antisocial\$ or anti social\$ or asbo or asocial or bully\$ or bullie\$ or callous\$ or delinquen\$ or deviant\$ or hostile or hostility or maladjust\$ or mal adjust\$ or psychopath\$ or shoplift\$ or shop lift\$ or steal\$ or temper\$1 or theft\$ or unemotional trait\$ or vandali\$ or violen\$ or (cruel\$ adj2 animal\$) or sex\$ offen\$ or ((social or unemotional) adj (difficult\$ or problem\$)) or ((noncompliant\$ or non

	compliant\$) adj3 (adolescent\$ or boy\$1 or child\$ or delinquent\$ 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 toddler\$ or (young\$ adj (people or person\$ or patient\$ or population\$)) or youngster\$ or youth\$1))).ti,ab.
28	or/22,24,26-27 and or/13,15,17-18
29	assisted living facility/ or court/ or crime/ or criminal behavior/ or criminal justice/ or custody/ or detention/ or homicide/ or offender/ or prison/ or prisoner/ or probation/ or recidivism/ or residential care/ or sexual crime/
30	29 use emez
31	assisted living facilities/ or crime/ or group homes/ or prisoners/ or prisons/ or residential facilities/ or residential treatment/
32	31 use mesz, prem
33	assisted living/ or exp correctional institutions/ or crime/ or exp criminal justice/ or criminal rehabilitation/ or group homes/ or incarceration/ or institutional schools/ or maximum security facilities/ or parole/ or exp perpetrators/ or physical abuse/ or prisoners/ or probation/ or recidivism/ or residential care institutions/ or serial crime/ or violent crime/
34	33 use psych
35	(assisted living or combined order\$ or convict\$ or correctional\$ or court\$ or crime\$ or criminal\$ or custod\$ or detention\$ or felon\$ or group home\$ or high security or incarcerat\$ or inmate\$ or in\$ mate\$ or jail\$ or justice\$ or offenc\$ or offender\$ or offending or penal or prison\$ or probation\$ or re offend\$ or recidivi\$ or rehabilitation cent\$ or reincarcerat\$ or reoffend\$ or revocation or secure treatment or ((communit\$ or detain\$ or detention\$ or refer\$ or rehab\$ or suspen\$) adj2 order\$) or (community adj (order or service or sentenc\$)) or ((correction\$ or secure) adj3 (establishment\$ or facilit\$ or program\$ or setting\$)) or ((locked or secure) adj unit\$) or ((open or unlocked) adj unit\$) or (residential adj2 (care or center\$ or centre\$ or establishment\$ or facility\$ or placement* or program\$ or setting\$ or treatment\$ or adolescent\$ or boy\$1 or child\$ or delinquent\$ 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 toddler\$ or (young\$ adj (people or person\$ or patient\$ or population\$)) or youngster\$ or youth\$1))).ti,ab.
36	or/30,32,34-35 and or/13,15,17-18
37	or/20,28,36

Version 2

Search requests 10-11,22,24,26-27,30,32,34-35 taken from 1.11

1.2 STEM

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((child* near/1 (behav* or conduct*)) or (oppositional near/1 (defian* or disorder*)) or (conduct* near/1 (defian* or difficult* or disorder* or disturb* or problem*)))
s2	all((behav* near/1 (challeng* or destruct* or difficult* or disorder* or disrupt* or disturb* or externali* or problem*)) or all(aggressi* or angry or anger* or antisocial* or anti near/1 social* or asbo or asocial or bully* or bullie* or callous* or delinquen* or devian* or hostile or hostility or maladjust* or "mal adjust*" or (adjust* near/2 (difficult* or problem*)) or psychopath* or ((social or unemotional) near/1 (difficult* or problem*)) or shoplift* or "shop lift*" or steal* or temper* or theft* or "unemotional trait*" or vandali* or violen* or (cruel* near/1 animal*) or (sex* near/1 offen*) or ((noncomplian* or non complian*) near/3 (adolescen* or boy* or child* or delinquen* or girl* or grader* or infant* or junior* or juvenile* or kindergarten or minors or paediatric* or pediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or youngster* or (young* near/1 (people or person* or patient* or population*)) or youth*)) or all(("assisted living" or "combined order*" or convict* or correctional* or court* or crime* or criminal* or custod* or detention* or felon* or "group home*" or "high security" or incarcerat* or inmate* or "in mate*" or jail* or justice* or offenc* or offender* or offending or penal or prison* or probation* or "re offend*" or recidivi* or "rehabilitation cent*" or reincarcerat* or reoffend* or revocation or "secure treatment*"))
s3	all(((communit* or detain* or detention* or refer* or rehab* or suspen*) near/1 order*) or (communit* near/1 (service* or sentenc*)) or ((correction* or secure) near/1 (establishment* or facilit* or program* or setting*))) or all(((locked or secure) near/1 unit*) or ((open or unlocked) near/1 unit*) or (residential near/1 (care or center* or centre* or establishment* or facility* or placement* or program* or setting* or treatment* or adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or paediatric* or pediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or or school* or teen* or toddler* or (young* near/1 (people or person* or patient* or population*)) or youngster* or youth*))
s4	all(adolescen* or boy* or child* or delinquen* or girl* or grader* or infant* or junior* or juvenile* or kindergarten or minors or paediatric* or pediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or youngster* or (young* near/1 (people or person* or patient* or population*)) or youth*)
s5	s2 or s3
s6	s4 and s5
s7	s1 or s6

1.3 STEM

SSCI – Web of Knowledge

#1	topic=((child* near (behav* or conduct*)) or (oppositional near (defian* or disorder*)) or (conduct* near (defian* or difficult* or disorder* or disturb* or problem*))) or title=((child* near (behav* or conduct*)) or (oppositional near (defian* or disorder*)) or (conduct* near (defian* or difficult* or disorder* or disturb* or problem*)))
#2	topic=((behav* near (challeng* or destruct* or difficult* or disorder* or disrupt* or disturb* or externali* or problem*))) or (aggressi* or angry or anger* or antisocial* or "anti social*" or asbo or asocial or bully* or bullie* or callous* or delinquen* or devian* or hostile or hostility or maladjust* or "mal adjust*" or (adjust* near (difficult* or problem*)) or psychopath* or "social difficult*" or "social problem*" or "unemotional difficult*" or "unemotional problem*" or shoplift* or "shop lift*" or steal* or temper* or theft* or "unemotional trait*" or vandali* or violen* or (cruel* near animal*) or (sex* near offen*) or ((noncomplian* or non complian*) near (adolescen* or boy* or child* or delinquen* or girl* or grader* or infant* or junior* or juvenile* or kindergarten or minors or paediatric* or pediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or youngster* or "young people" or "young person*" or "young patient*" or "young population*" or youth*)) or ("assisted living" or "combined order*" or convict* or correctional* or court* or crime* or criminal* or custod* or detention* or felon* or "group home*" or "high security" or incarcerat* or inmate* or "in mate*" or jail* or justice* or offenc* or offender* or offending or penal or prison* or probation* or "re offend*" or recidivi* or "rehabilitation cent*" or reincarcerat* or reoffend* or revocation or "secure treatment*")) or title=((behav* near (challeng* or destruct* or difficult* or disorder* or disrupt* or disturb* or externali* or problem*))) or (aggressi* or angry or anger* or antisocial* or "anti social*" or asbo or asocial or bully* or bullie* or callous* or delinquen* or devian* or hostile or hostility or maladjust* or "mal adjust*" or (adjust* near (difficult* or problem*)) or psychopath* or "social difficult*" or "social problem*" or "unemotional difficult*" or "unemotional problem*" or shoplift* or "shop lift*" or steal* or temper* or theft* or "unemotional trait*" or vandali* or violen* or (cruel* near animal*) or (sex* near offen*) or ((noncomplian* or non complian*) near (adolescen* or boy* or child* or delinquen* or girl* or grader* or infant* or junior* or juvenile* or kindergarten or minors or paediatric* or pediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or youngster* or "young* people" or "young person*" or "young patient*" or "young population*" or youth*)) or ("assisted living" or "combined order*" or convict* or correctional* or court* or crime* or criminal* or custod* or detention* or felon* or "group home*" or "high security" or incarcerat* or inmate* or "in mate*" or jail* or justice* or offenc* or offender* or offending or penal or prison* or probation* or "re offend*" or recidivi* or "rehabilitation cent*" or reincarcerat* or reoffend* or revocation or "secure treatment*"))
#3	topic((((communit* or detain* or detention* or refer* or rehab* or suspen*) near order*) or (communit* near (service* or sentenc*)) or ((correction* or secure) near (establishment* or facilit* or program* or setting*))) or (((locked or secure) near unit*) or ((open or unlocked) near unit*) or (residential near (care or center* or centre* or establishment* or facility* or placement* or program* or setting* or treatment* or adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or paediatric* or pediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or "young* people" or "young person*" or "young patient*" or "young population*" or youngster* or youth*))) or title((((communit* or detain* or detention* or refer* or rehab* or suspen*) near order*) or (communit* near (service* or sentenc*)) or ((correction* or secure) near (establishment* or facilit* or program* or setting*))) or (((locked or secure) near unit*) or ((open or unlocked) near unit*) or (residential near (care or center* or centre* or establishment* or facility* or placement* or program* or setting* or treatment* or adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or paediatric* or pediatric*

	or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or “young* people” or “young person*” or “young patient*” or “young population*” or youngster* or youth*))
#4	topic=(adolescen* or boy* or child* or delinquen* or girl* or grader* or infant* or junior* or juvenile* or kindergarten* or minors* or paediatric* or pediatric* or postpubert* or postpubescen* or preadolescent* or prepubert* or prepubescent* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or youngster* or (young* near (people or person* or patient* or population*)) or youth*) or title=(adolescen* or boy* or child* or delinquen* or girl* or grader* or infant* or junior* or juvenile* or kindergarten* or minors* or paediatric* or pediatric* or postpubert* or postpubescen* or preadolescent* or prepubert* or prepubescent* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or youngster* or (young* near (people or person* or patient* or population*)) or youth*)
#5	(#2 or #3) and #4
#6	#1 or #5

1.4 STEM

HTA, CDSR, DARE, CENTRAL - Wiley

#1	mesh descriptor child behavior explode all trees
#2	mesh descriptor child behavior disorders, this term only
#3	mesh descriptor conduct disorder, this term only
#4	(conduct* near/2 (defiant* or difficult* or disorder* or disturb* or problem*)):ti or (conduct* near/2 (defiant* or difficult* or disorder* or disturb* or problem*)):ab
#5	(oppositional near/3 (defiant* or disorder*)):ti or (oppositional near/3 (defiant* or disorder*)):ab
#6	(child* near/3 (behav* or conduct*)):ti or (child* near/3 (behav* or conduct*)):ab
#7	(behav* near/2 (agnostic or challeng* or dangerous or destructive or difficult* or disorder* or disrupt* or disturb* or externali* or problem*)):ti or (behav* near/2 (agnostic or challeng* or dangerous or destructive or difficult* or disorder* or disrupt* or disturb* or externali* or problem*)):ab
#8	mesh descriptor adolescent, this term only
#9	mesh descriptor child explode all trees
#10	mesh descriptor infant explode all trees
#11	(adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten* or minors or p?ediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or youngster* or (young* next (people or person* or patient* or population*)) or youth*):ti or (adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or minors or p?ediatric* or preschool* or school* or preteen* or pubert* or pubescen* or teen* or toddler* or youngster* or (young* next (people or person* or patient* or population*)) or youth*):ab
#12	(#8 or #9 or #10 or #11)
#13	(#7 and #12)
#14	(#1 or #2 or #3 or #4 or #5 or #6)
#15	(#13 or #14)
#16	mesh descriptor aggression explode all trees
#17	mesh descriptor conflict (psychology), this term only
#18	mesh descriptor firesetting behavior, this term only
#19	mesh descriptor fraud, this term only
#20	mesh descriptor homicide, this term only
#21	mesh descriptor impulse control disorders, this term only
#22	mesh descriptor juvenile delinquency, this term only
#23	mesh descriptor rape, this term only
#24	mesh descriptor sex offenses, this term only
#25	mesh descriptor social behavior disorders, this term only
#26	mesh descriptor theft, this term only
#27	mesh descriptor torture, this term only
#28	mesh descriptor violence, this term only
#29	((adjust* near/2 (difficult* or problem*)) or aggressi* or angry or anger* or antisocial* or "anti social*" or asbo or asocial or bully* or bullie* or delinquen* or deviant* or hostile or hostility or maladjust* or "mal adjust*" or psychopath* or shoplift* or "shop lift*" or steal* or temper* or theft* or "unemotional trait*" or vandali* or violen* or (cruel* near/2 animal*) or "sex* offen*" or ((social or unemotional) next (difficult* or problem*)) or ((noncomplian* or "non complian*") near/3 (adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten* or minors or p?ediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or youngster* or (young* near/1 (people or person* or patient* or population*)) or youth*)):ti or ((adjust* near/2 (difficult* or problem*)) or aggressi* or angry or anger* or antisocial* or "anti social*" or asbo or asocial or bully* or bullie* or delinquen* or

	deviant* or hostile or hostility or maladjust* or "mal adjust*" or psychopath* or shoplift* or "shop lift*" or steal* or temper* or theft* or "unemotional trait*" or vandali* or violen* or (cruel* near/2 animal*) or "sex* offen*" or ((social or unemotional) next (difficult* or problem*)) or ((noncomplian* or "non complian*") near/3 (adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten* or minors or p?ediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or youngster* or (young* near/1 (people or person* or patient* or population*)) or youth*)):ab
#30	mesh descriptor assisted living facilities, this term only
#31	mesh descriptor crime, this term only
#32	mesh descriptor criminal law, this term only
#33	mesh descriptor criminology, this term only
#34	mesh descriptor group homes, this term only
#35	mesh descriptor prisoners, this term only
#36	mesh descriptor prisons, this term only
#37	mesh descriptor residential facilities, this term only
#38	mesh descriptor residential treatment, this term only
#39	("assisted living" or "combined order*" or convict* or correctional* or court* or crime* or criminal* or custod* or detention* or felon* or "group home*" or "high security" or incarcerat* or inmate* or "in* mate*" or jail* or justice* or offenc* or offender* or offending or penal or prison* or probation* or "re offend*" or recidivi* or "rehabilitation cent*" or reincarcerat* or reoffend* or revocation or "secure treatment" or ((communit* or detain* or detention* or refer* or rehab* or suspen*) near/2 order*) or (community next (order or service or sentenc*)) or ((correction* or secure) near/3 (establishment* or facilit* or program* or setting*)) or ((locked or secure) nextunit*) or ((open or unlocked) next unit*) or (residential near/2 (residential near/2 (care or center* or centre* or establishment* or facility* or placement* or program* or setting* or treatment* or adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or paediatric* or pediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* next (people or person* or patient* or population*)) or youngster* or youth*)):ti or ("assisted living" or "combined order*" or convict* or correctional* or court* or crime* or criminal* or custod* or detention* or felon* or "group home*" or "high security" or incarcerat* or inmate* or "in* mate*" or jail* or justice* or offenc* or offender* or offending or penal or prison* or probation* or "re offend*" or recidivi* or "rehabilitation cent*" or reincarcerat* or reoffend* or revocation or "secure treatment" or ((communit* or detain* or detention* or refer* or rehab* or suspen*) near/2 order*) or (community next (order or service or sentenc*)) or ((correction* or secure) near/3 (establishment* or facilit* or program* or setting*)) or ((locked or secure) nextunit*) or ((open or unlocked) next unit*) or (residential near/2 (residential near/2 (care or center* or centre* or establishment* or facility* or placement* or program* or setting* or treatment* or adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or paediatric* or pediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* next (people or person* or patient* or population*)) or youngster* or youth*)):ab
#40	mesh descriptor anger, this term only
#41	(#16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 or #32 or #33 or #34 or #35 or #36 or #37 or #38 or #39 or #40)
#42	(#41 and #12)
#43	(#15 or #42)

1.5 STEM

CINAHL – EBSCO HOST

s17	s7 or s12 or s16
s16	s13 or s14 or s15
s15	ti (((adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or p?ediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescent* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* n1 (people or person* or patient* or population*)) or youngster* or youth*) n4 (reincarcarat* or reoffend* or revocation or "secure treatment" or ((communit* or detain* or detention* or refer* or rehab* or suspen*) n2 order*) or (community n1 (service or sentenc*)) or ((correction* or secure) n3 (establishment* or facilit* or program* or setting*)) or ((locked or secure) n1 unit*) or ((open or unlocked) n1 unit*) or residential))) or ab (((adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or p?ediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescent* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* n1 (people or person* or patient* or population*)) or youngster* or youth*) n4 (reincarcarat* or reoffend* or revocation or "secure treatment" or ((communit* or detain* or detention* or refer* or rehab* or suspen*) n2 order*) or (community n1 (service or sentenc*)) or ((correction* or secure) n3 (establishment* or facilit* or program* or setting*)) or ((locked or secure) n1 unit*) or ((open or unlocked) n1 unit*) or residential)))
s14	ti (((adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or p?ediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescent* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* n1 (people or person* or patient* or population*)) or youngster* or youth*) n4 ("assisted living" or "combined order*" or convict* or correctional* or court* or crime* or criminal* or custod* or detention* or felon* or "group home*" or "high security" or incarcerat* or inmate* or "in* mate*" or jail* or justice* or offenc* or offender* or offending or penal or prison* or probation* or "re offend*" or recidivi* or "rehabilitation cent*"))) or ab (((adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or p?ediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescent* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* n1 (people or person* or patient* or population*)) or youngster* or youth*) n4 ("assisted living" or "combined order*" or convict* or correctional* or court* or crime* or criminal* or custod* or detention* or felon* or "group home*" or "high security" or incarcerat* or inmate* or "in* mate*" or jail* or justice* or offenc* or offender* or offending or penal or prison* or probation* or "re offend*" or recidivi* or "rehabilitation cent*")))
s13	ti (((adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or p?ediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescent* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* n1 (people or person* or patient* or population*)) or youngster* or youth*) n5 ((adjust* n2 (difficult* or problem*)) or aggressi* or angry or anger* or antisocial* or "anti social*" or asbo or asocial or bully* or bullie* or callous* or delinquen* or deviant* or (emotional n1 (disturbance* or problem*)) or hostile or hostility or maladjust* or "mal adjust*" or noncomplan* or "non complian*" or psychopath* or shoplift* or "shop lift*" or steal* or temper* or theft* or "unemotional trait*" or vandali* or violen* or (cruel* n2 animal*) or "sex* offen*" or ((social or unemotional) n1 (difficult* or problem*))))) or ab (((adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or p?ediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescent* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* n1 (people or person* or patient* or population*)) or youngster* or youth*) n5 ((adjust* n2 (difficult* or problem*)) or aggressi* or angry or anger* or antisocial* or "anti social*" or asbo or asocial or bully* or bullie* or callous* or delinquen* or deviant* or (emotional n1 (disturbance* or problem*)) or hostile or hostility or maladjust* or "mal adjust*" or

	noncompliant* or "non compliant*" or psychopath* or shoplift* or "shop lift*" or steal* or temper* or theft* or "unemotional trait*" or vandali* or violen* or (cruel* n2 animal*) or "sex* offen*" or ((social or unemotional) n1 (difficult* or problem*))))
s12	(s8 or s9) and (s10 or s11)
s11	ti ((adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or p?ediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescent* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* n1 (people or person* or patient* or population*)) or youngster* or youth*)) or ab ((adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or p?ediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescent* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* n1 (people or person* or patient* or population*)) or youngster* or youth*))
s10	(mh "adolescence+") or (mh "child+")
s9	ti ((behav* n2 (agnostic or challeng* or dangerous or destructive or difficult* or disorder* or disrupt* or disturb* or externali* or problem*)) or ab ((behav* n2 (agnostic or challeng* or dangerous or destructive or difficult* or disorder* or disrupt* or disturb* or externali* or problem*))
s8	(mh "social behavior disorders+")
s7	s1 or s2 or s3 or s4 or s5 or s6
s6	ti ((child* n3 (behav* or conduct*)) or ab ((child* n3 (behav* or conduct*))
s5	ti ((oppositional n3 (defiant* or disorder*)) or ab ((oppositional n3 (defiant* or disorder*))
s4	ti ((conduct* n2 (defian* or difficult* or disorder* or disturb* or problem*)) or ab ((conduct* n2 (defian* or difficult* or disorder* or disturb* or problem*))
s3	(mh "juvenile delinquency")
s2	(mh "child behavior disorders+")
s1	(mh "child behavior+")

1.6 STEM

HMIC, PsycBOOKS, PsycEXTRA – OvidSP [high spec]

1	((child\$ adj3 (behav\$ or conduct\$) or (conduct\$ adj2 (defian\$ or difficult\$ or disorder\$ or disturb\$ or problem\$) or (oppositional adj3 (defiant\$ or disorder\$))).ti,ab. or (child behavior disorder\$ or conduct disorder\$.sh.
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1.7 STEM

C2-PROT

[No terms – all reviews downloaded from resource]

2. *Question specific search strategies – all databases*

2.1 Prevention/interventions

A) 2Prevention

What selective prevention interventions for at risk individuals (including children/young people or their parents/families/carers) reduce the likelihood of children and young people developing a conduct disorder?

What indicated prevention interventions for at risk individuals (including children/young people or their parents/families/carers) reduce the likelihood of children and young people developing a conduct disorder?

B) Interventions

For children and young people with a conduct disorder, what are the benefits and potential harms associated with individual and group psychosocial interventions?

For children and young people with a conduct disorder, what are the benefits and potential harms associated with parenting and family interventions?

For children and young people with a conduct disorder, what are the benefits and potential harms associated with multi-modal/ multiple interventions?

For children and young people with a conduct disorder, what are the benefits and potential harms associated with school behaviour management interventions?

For children and young people with a conduct disorder, what are the benefits and potential harms associated with pharmacological interventions?

For children and young people with a conduct disorder, what are the benefits and potential harms associated with physical interventions (for example, diet)?

For children and young people with a conduct disorder, should interventions found to be safe and effective be modified in any way in light of coexisting conditions (such as ADHD, depression, anxiety disorders, attachment insecurity) or demographics (such as age, particular cultural or minority ethnic groups, or sex)?

2.2 Psychological/psychosocial/preventive interventions

2.2.1 Embase, MEDLINE, PreMEDLINE, PsycINFO – OvidSP

#	searches
1	psychotherapy/
2	1 use emez
3	psychotherapy/ or adaption, psychological/ or psychotherapy, brief/
4	3 use mesz, prem
5	psychotherapy/ or brief psychotherapy/
6	5 use psyh
7	((psychotherap\$ or psycho therap\$ or psychotherapeutic or ((humanistic or opportunistic or psychologich\$) adj3 (approach\$ or assist\$ or coach\$ or educat\$ or instruct\$ or interven\$ or manag\$ or module\$ or program\$ or rehab\$ or strateg\$ or support\$ or technique\$ or therap\$ or train\$ or treat\$ or workshop\$ or work shop\$)) or ((integrated or multimodal or multi modal) adj2 (program\$ or interven\$ or therap\$ or treat\$))).ti,ab.
8	psychotherapy, brief/
9	8 use mesz, prem
10	brief psychotherapy/
11	10 use psyh
12	((brief or short term or time limited) adj2 (intervention\$ or program\$ or psychoanaly\$ or psychotherap\$ or solution\$ or therap\$ or treat\$)).ti,ab.
13	or/2,4,6-7,9,11-12
14	(bootcamp\$ or boot camp\$).ti,ab.
15	(shock\$ adj5 (imprison\$ or incarcerat\$ or interven\$ or jail\$ or prison\$ or (secure adj2 (establishment\$ or facilit\$ or program\$ or rehab\$ or setting\$ or therap\$ or treat\$))).ti,ab.
16	or/14-15
17	anger control/
18	17 use psyh
19	((anger\$ or rage\$) adj3 (approach\$ or assist\$ or coach\$ or club\$ or class\$ or communicat\$ or control\$ or cope or copes or coping or control\$ or counsel\$ or educat\$ or help\$ or interven\$ or learn\$ or manag\$ or minimi\$ or mitigat\$ or modif\$ or module\$ or program\$ or psychotherap\$ or reduc\$ or rehab\$ or skill\$ or strateg\$ or support\$ or teach\$ or therap\$ or train\$ or treat\$ or workshop\$ or work shop\$)).ti,ab.
20	or/18-19
21	behavior therapy/ or cognitive therapy/
22	21 use emez
23	behavior therapy/ or psychotherapy, rational emotive/
24	23 use mesz, prem
25	behavior therapy/ or exp cognitive behavior therapy/ or rational emotive behavior therapy/
26	25 use psyh
27	((((cognit\$ or behavio?r\$ or metacognit\$) adj3 (analy\$ or interven\$ or modif\$ or program\$ or psychotherap\$ or restructur\$ or retrain\$ or technique\$ or therap\$ or train\$ or treat\$)) or behavio?r\$ activat\$ or cbt or selfattribut\$ or selfinstruct\$ or selfmanag\$ or selfpsychological or (self\$ adj (attricution\$ or instruct\$ or manag\$ or psychological)) or (rational\$ adj3 emotiv\$) or (rational adj (living or psychotherap\$ or therap\$)) or (ret adj (psychotherap\$ or therap\$)) or rebt or (active directive adj (psychotherap\$ or therap\$))).ti,ab.
28	((cope or copes or coping) adj3 (approach\$ or assist\$ or coach\$ or club\$ or class\$ or communicat\$ or control\$ or counsel\$ or educat\$ or help\$ or interven\$ or learn\$ or manag\$ or module\$ or program\$ or psychotherap\$ or rehab\$ or skill\$ or strateg\$ or support\$ or teach\$ or therap\$ or train\$ or treat\$ or workshop\$ or work shop\$)).ti,ab.
29	or/22,24,26-28
30	exp counseling/
31	30 use emez

32	exp counseling/
33	32 use mesz, prem
34	exp counseling/
35	34 use psych
36	(counsel\$ or (((client\$ or person) adj2 (centred or centered or focus?ed)) or non directive\$ or nondirective\$ or rogerian) adj5 (approach\$ or assist\$ or coach\$ or communicat\$ or counsel\$ or educat\$ or help\$ or instruct\$ or interven\$ or learn\$ or manag\$ or module\$ or network\$ or program\$ or psychotherap\$ or rehab\$ or skill\$ or strateg\$ or support\$ or teach\$ or technique\$ or therap\$ or train\$ or treat\$ or workshop\$ or work shop\$)) or pastoral care or ((individual or personal or talk\$) adj (psycho\$ or therap\$)).ti,ab.
37	or/31,33,35-36
38	family therapy/ or group therapy/
39	38 use emez
40	family therapy/ or psychotherapy, group/
41	40 use mesz, prem
42	conjoint therapy/ or family intervention/ or family therapy/ or exp family life education/ or group psychotherapy/ or therapeutic community/ or encounter group therapy/
43	42 use psych
44	(conjoint therap\$ or family responsive or family relation\$ or (family adj (based or cent\$ or focus?ed or intervention\$ or therap\$ or treatment\$)) or (famil\$ adj3 (advocacy or approach\$ or assist\$ or coach\$ or coercive\$ or communicat\$ or counsel\$ or educat\$ or empower\$ or help\$ or instruct\$ or learn\$ or module\$ or network\$ or participat\$ or positive\$ or program\$ or psychotherap\$ or rehab\$ or skill\$ or strateg\$ or support\$ or teach\$ or train\$ or workshop\$ or work shop\$)) or (famil\$ adj (discuss\$ or exchang\$ or interact\$ or meeting\$)) or (group adj (interven\$ or program\$ or therap\$)).ti,ab.
45	or/39,41,43-44
46	foster care/
47	46 use emez
48	foster home care/
49	48 use mesz, prem
50	foster care/
51	50 use psych
52	((attachment or coercive restraint or compression) adj2 therap\$) or (foster\$ adj5 (train\$ or interven\$ or therap\$ or treat\$ or program\$)) or evergreen model\$ or (holding adj (therap\$ or time)) or (multi\$ adj2 foster\$) or rebirthing or re birthing).ti,ab.
53	((multisystemic or multi systemic) adj therap\$).ti,ab.
54	or/47,49,51-53
55	psychoanalysis/ or psychodynamics/
56	55 use emez
57	exp psychoanalytic therapy/ or psychoanalysis/
58	57 use mesz, prem
59	psychoanalysis/ or psychodynamic psychotherapy/
60	59 use psych
61	(free association or psychoanal\$ or psycho anal\$ or psychodynamic\$ or psycho dynamic\$ or transference or ((analytic or dynamic\$) adj3 (approach\$ or assist\$ or coach\$ or communicat\$ or counsel\$ or educat\$ or help\$ or instruct\$ or interven\$ or learn\$ or manag\$ or modif\$ or module\$ or network\$ or program\$ or psychotherap\$ or rehab\$ or short term or skill\$ or strateg\$ or support\$ or teach\$ or technique\$ or therap\$ or time limited or train\$ or treat\$ or workshop\$ or work shop\$)) or ((dream or psychological or self transactional) adj anal\$) or b app\$1).ti,ab.
62	or/56,58,60-61
63	friendship/ or psychosocial care/ or self care/ or self help/ or social care/ or social network/ or social support/ or support group/
64	63 use emez

65	community networks/ or friends/ or self care/ or self help groups/ or social support/
66	65 use mesz, prem
67	encouragement/ or friendships/ or interpersonal interaction/ or parent training/ or self actualization/ or self care skills/ or self help techniques/ or social group work/ or social support/ or exp social networks/ or exp support groups/
68	67 use psyh
69	audio recording/ or audiovisual equipment/ or book/ or communication software/ or compact disk/ or computer/ or computer assisted drug therapy/ or computer assisted therapy/ or computer program/ or education program/ or email/ or harm reduction/ or health education/ or health program/ or health promotion/ or information center/ or information dissemination/ or information service/ or internet/ or mass communication/ or mobile phone/ or multimedia/ or patient education/ or postal mail/ or psychoeducation/ or telecommunication/ or telehealth/ or telemedicine/ or telephone/ or telepsychiatry/ or teletherapy/ or video disk/ or videorecording/ or videotape/ or writing/
70	69 use emez
71	audiovisual aids/ or books, illustrated/ or books/ or cellular phone/ or computer user training/ or computers/ or education, distance/ or electronic mail/ or health education/ or health fairs/ or health knowledge, attitudes, practice/ or exp health promotion/ or hotlines/ or information dissemination/ or exp internet/ or multimedia/ or pamphlets/ or risk reduction behavior/ or software/ or exp tape recording/ or teaching materials/ or telemedicine/ or telephone/ or therapy, computer assisted/ or exp videodisc recording/ or writing/ or ed.fs.
72	71 use mesz, prem
73	exp audiovisual communications media/ or books/ or client education/ or computer applications/ or computer assisted instruction/ or computer mediated communication/ or computer software/ or computers/ or databases/ or distance education/ or drug education/ or exp instructional media/ or exp multimedia/ or exp written communication/ or health education/ or health knowledge/ or health promotion/ or hotline services/ or information dissemination/ or information services/ or information/ or internet/ or online therapy/ or oral communication/ or printed communications media/ or psychoeducation/ or telecommunications media/ or telemedicine/ or telephone systems/ or exp written communication/
74	73 use psyh
75	(bibliotherap\$ or biblio therap\$ or (self adj (care or change or directed or help\$ or instruct\$ or manag\$ or monitor\$ or regulat\$ or reinforc\$ or re inforc\$)) or selfhelp\$ or smart recover\$ or (minimal adj (contact or guidance)) or helpseek\$ or (help\$ adj2 seek\$) or (mutual adj (help or aid or support\$))).ti,ab.
76	(booklet\$ or brochure\$ or educat\$ or leaflet\$ or multimedia or multi media or pamphlet\$ or poster\$ or psychoeducat\$ or psycho educat\$ or ((oral or printed or written) adj3 (inform\$ or material\$)) or workbook\$ or work book\$).ti,ab.
77	((audio\$ or book\$1 or cd\$1 or cd rom\$ or cdrom\$ or computer\$ or cyber\$ or dvd\$1 or electronic\$ or floppy or handheld or hand held or interactive or internet\$ or manual\$1 or material\$ or mobile or online or palmtop or palm top or pc\$1 or phone\$1 or read\$1 or reading or sms\$1 or telephone\$ or text or texts or texting or video\$ or virtual or web\$ or written or www) adj3 (approach\$ or assist\$ or coach\$ or club\$ or class\$ or counsel\$ or empower\$ or help\$ or instruct\$ or interven\$ or learn\$ or module\$ or program\$ or psychotherap\$ or rehab\$ or skill\$ or strateg\$ or support\$ or teach\$ or therap\$ or train\$ or treat\$ or workshop\$ or work shop\$)).ti,ab.
78	((adolescen\$ or boy\$1 or child\$ or delinquen\$ 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 toddler\$ or (young\$ adj (people or person\$ or patient\$ or population\$)) or youngster\$ or youth\$1) adj4 (empower\$ or knowledge or information\$ or instruct\$ or promot\$ or teach\$ or train\$)).ti,ab.
79	(health adj2 (educat\$ or informat\$ or promot\$)).ti,ab.
80	or/64,66,68,70,72,74-79

81	behavior modification/ or communication skill/ or human relation/ or problem solving/ or role playing/ or social behavior/ or social network/ or social support/ or exp social adaption/
82	81 use emez
83	problem solving/ or role playing/ or social behavior/ or social adjustment/ or social support/
84	83 use mesz, prem
85	behavior modification/ or communication skills/ or communication skills training/ or human relations training/ or exp problem solving/ or role playing/ or social adjustment/ or social behavior/ or social cognition/ or social group work/ or social skills training/ or social skills/ or social support/ or exp social networks/
86	85 use psyh
87	((conflict or problem\$) adj2 (resolution\$ or resolv\$ or solv\$ or solution\$)) or (social adj (development\$ or relation\$)) or (solution adj2 (based or focus\$))).ti,ab.
88	((group\$ or peer\$ or social\$ or psychosocial) adj2 (network\$ or support\$)).ti,ab.
89	((interact\$ or lifeskill\$ or skill\$) adj train\$).ti,ab.
90	((peer\$ or social\$ or psychosocial or support\$) adj2 (group\$ or network\$)).ti,ab.
91	((psychosocial or social) adj (rehab\$ or treatment)).ti,ab.
92	((communicat\$ or interact\$ or interpersonal or inter personal or psychosocial or social) adj10 skill\$).ti,ab.
93	((communicat\$ or interact\$ or interpersonal or inter personal or psychosocial or social) adj25 learn\$).ti,ab.
94	((communicat\$ or interact\$ or interpersonal or inter personal or psychosocial or social) adj4 (competen\$ or educat\$ or program\$ or teach\$ or therap\$ or train\$)).ti,ab.
95	(behav\$ adj3 (modif\$ or regulat\$)).ti,ab.
96	(roleplay\$ or role play\$).ti,ab.
97	or/82,84,86-96
98	exp contingency management/
99	98 use psyh
100	((behavio?r\$ adj2 contract\$) or contingency or contingencies or (motivation\$ adj2 incentive\$) or token economy or (voucher\$ adj2 (based or incentive\$ or reinforc\$)) or token economy).ti,ab.
101	or/99-100
102	videorecording/ or videotape/
103	102 use emez
104	video recording/
105	104 use mesz, prem
106	digital video/ or videotape instruction/ or videotapes/
107	106 use psyh
108	((dvd or model?ing or technolog\$ or video\$) adj3 (approach\$ or interven\$ or program\$ or therap\$ or treat\$)) or ((dvd or video\$) adj (model\$ or selfmodel\$)) or parents plus children\$ program\$).ti,ab.
109	or/103,105,107-108
110	*functional assessment/
111	110 use emez
112	behavioral assessment/ or functional analysis/
113	112 use psyh
114	((function based or functional) adj2 assess\$).ti,ab.
115	or/111,113-114
116	*self control/
117	116 use emez
118	Self control/
119	118 use psyh
120	self control\$.ti,ab.
121	or/117,119-120
122	or/13,16,20,29,37,45,54,62,80,97,101,109,115,121

123	exp family therapy/ or parenting education/
124	123 use emez
125	exp family therapy/
126	125 use mesz, prem
127	exp family therapy/ or parent training/ or parenting skills/
128	127 use psych
129	or/124,126,128
130	caregiver/ or exp child parent relation/ or maternal behavior/ or exp parent/ or exp parental behavior/
131	130 use emez
132	caregivers/ or maternal behavior/ or exp parent-child relations/ or exp parenting/ or exp parents/ or paternal behavior/
133	132 use mesz, prem
134	caregivers/ or exp parent child communication/ or exp parent child relations/ or parental involvement/ or exp parenting/ or exp parents/
135	134 use psych
136	(or/131,133,135) and (ed.fs. or educat\$.sh.)
137	caregiver/ or exp child parent relation/ or maternal behavior/ or exp parent/ or exp parental behavior/
138	137 use emez
139	caregivers/ or maternal behavior/ or exp parent-child relations/ or exp parenting/ or exp parents/ or paternal behavior/
140	139 use mesz, prem
141	caregivers/ or exp parent child communication/ or exp parent child relations/ or parental involvement/ or exp parenting/ or exp parents/
142	141 use psych
143	(carer\$1 or caregiver\$ or care giver\$ or custodian\$ or guardian\$ or father\$ or mother\$ or parent\$ or stepparent\$ or ((communicat\$ or conversation\$ or familiar or interact\$ or language or speech) adj2 partner\$)).ti,ab.
144	or/138,140,142-143
145	friendship/ or psychosocial care/ or self care/ or self help/ or social care/ or social network/ or social support/ or support group/
146	145 use emez
147	community networks/ or friends/ or self care/ or self help groups/ or social support/
148	147 use mesz, prem
149	encouragement/ or friendships/ or interpersonal interaction/ or parent training/ or self actualization/ or self care skills/ or self help techniques/ or social group work/ or social support/ or exp social networks/ or exp support groups/
150	149 use psych
151	audio recording/ or audiovisual equipment/ or book/ or communication software/ or compact disk/ or computer/ or computer assisted drug therapy/ or computer assisted therapy/ or computer program/ or education program/ or email/ or harm reduction/ or health education/ or health program/ or health promotion/ or information center/ or information dissemination/ or information service/ or internet/ or mass communication/ or mobile phone/ or multimedia/ or patient education/ or postal mail/ or psychoeducation/ or telecommunication/ or telehealth/ or telemedicine/ or telephone/ or telepsychiatry/ or teletherapy/ or video disk/ or videorecording/ or videotape/ or writing/
152	151 use emez
153	audiovisual aids/ or books, illustrated/ or books/ or cellular phone/ or computer user training/ or computers/ or education, distance/ or electronic mail/ or health education/ or health fairs/ or health knowledge, attitudes, practice/ or exp health promotion/ or hotlines/ or information dissemination/ or exp internet/ or multimedia/ or pamphlets/ or risk reduction behavior/ or software/ or exp tape recording/ or teaching materials/ or telemedicine/ or telephone/ or therapy, computer assisted/ or exp videodisc recording/ or writing/ or ed.fs.

154	153 use mesz, prem
155	exp audiovisual communications media/ or books/ or client education/ or computer applications/ or computer assisted instruction/ or computer mediated communication/ or computer software/ or computers/ or databases/ or distance education/ or health education/ or health knowledge/ or health knowledge/ or health promotion/ or hot line services/ or information dissemination/ or information/ or internet/ or exp instructional media/ or printed communications media/ or psychoeducation/ or social programs/ or telecommunications media/ or telemedicine/ or telephone systems/ or exp written communication/
156	155 use psych
157	((carer\$1 or caregiver\$ or care giver\$ or custodian\$ or guardian\$ or father\$ or mother\$ or parent\$ or stepparent\$) adj4 (approach\$ or assist\$ or coach\$ or club\$ or class\$ or counsel\$ or empower\$ or help\$ or information\$ or instruct\$ or interven\$ or knowledge or learn\$ or module\$ or program\$ or promot\$ or psychotherap\$ or skill\$ or strategy or support\$ or teach\$ or therap\$ or train\$ or workshop\$ or work shop\$)).ti,ab.
158	(booklet\$ or brochure\$ or educat\$ or leaflet\$ or multimedia or multi media or pamphlet\$ or poster\$ or psychoeducat\$ or ((oral or printed or written) adj3 (inform\$ or material\$)) or workbook\$ or work book\$).ti,ab.
159	((audio\$ or book\$1 or cd\$1 or cd rom\$ or cdrom\$ or computer\$ or cyber\$ or dvd\$1 or electronic\$ or floppy or handheld or hand held or interactive or internet\$ or manual\$1 or material\$ or mobile or online or palmtop or palm top or pc\$1 or phone\$1 or read\$1 or reading or sms\$1 or telephone\$ or text or texts or texting or video\$ or virtual or web\$ or written or www) adj3 (approach\$ or assist\$ or coach\$ or club\$ or class\$ or counsel\$ or empower\$ or help\$ or instruct\$ or interven\$ or learn\$ or module\$ or program\$ or psychotherap\$ or rehab\$ or skill\$ or strateg\$ or support\$ or teach\$ or therap\$ or train\$ or treat\$ or workshop\$ or work shop\$)).ti,ab.
160	(health adj2 (educat\$ or informat\$ or promot\$)).ti,ab.
161	(bibliotherap\$ or biblio therap\$ or (self adj (care or change or directed or help\$ or instruct\$ or manag\$ or monitor\$ or regulat\$ or reinforc\$ or re inforc\$)) or selfhelp\$ or smart recover\$ or (minimal adj (contact or guidance)) or helpseek\$ or (help\$ adj2 seek\$) or (mutual adj (help or aid or support\$))).ti,ab.
162	or/146,148,150,152,154,156-161
163	(or/129,136) or (144 and 162)
164	163 and [(or/10-11,22,24,26-27,30,32,34-35) taken from main population stem]
165	conduct disorder/pc or oppositional defiant disorder/pc
166	165 use emez
167	child behavior disorders/pc or conduct disorder/pc
168	167 use mesz, prem
169	absenteeism/pc or exp aggression/pc or antisocial behavior/pc or arson/pc or assault/pc or behavior disorder/pc or conflict/pc or criminal behavior/pc or delinquency/pc or forgery/pc or fraud/pc or gang/pc or exp impulse control disorder/pc or juvenile delinquency/pc or psychopathy/pc or rape/pc or recumbency/pc or theft/pc or torture/pc or violence/pc
170	169 use emez
171	exp aggression/pc or exp anger/pc or "conflict (psychology)"/pc or firesetting behavior/pc or fraud/pc or homicide/pc or exp impulse control disorders/pc or juvenile delinquency/pc or rape/pc or sex offences/pc or social behavior disorders/pc or theft/pc or torture/pc or violence/pc
172	171 use mesz, prem
173	"prevention and control"/ or prevention/ or primary prevention/ or preventive medicine/ or secondary prevention/
174	173 use emez
175	preventive medicine/ or primary prevention/ or secondary prevention/ or tertiary prevention/
176	175 use mesz, prem

177	prevention/ or preventive medicine/
178	177 use psych
179	exp alcohol abuse/pc or alcoholism/pc or alcoholics anonymous/pc or alcohol intoxication/pc or alcohol withdrawal/pc or designer drug/pc or exp drug abuse/pc or exp drug dependence/pc or drug dependence treatment/pc or drug detoxification/pc or drug overdose/pc or illicit drug/pc or methadone treatment/pc or recreational drug/pc or street drug/pc or substance abuse/pc or withdrawal syndrome/pc
180	179 use emez
181	exp alcohol-related disorders/pc or alcoholics anonymous/pc or amphetamine-related disorders/pc or cocaine-related disorders/pc or designer drugs/pc or inhalant abuse/pc or marijuana abuse/pc or neonatal abstinence syndrome/pc or exp opioid-related disorders/pc or phencyclidine abuse/pc or exp psychoses, substance-induced/pc or exp street drugs/pc or substance abuse, intravenous/pc or substance abuse treatment centers/pc or substance-related disorders/pc or exp substance withdrawal syndrome/pc
182	181 use mesz, prem
183	prevent\$.ti,ab.
184	((discourag\$ or lower\$ or minimi\$ or reduc\$) adj2 risk\$) or ((avoid\$ or discourag\$ or lower\$ or minimi\$ or reduc\$) adj5 risk\$ adj5 (abus\$ or addict\$ or aggress\$ or alcohol\$ or amphetamine\$ or behavior?r\$ or cocaine or cessation or depend\$ or drug use\$ or heroin or intoxicat\$ or marijuana or misus\$ or pregnan\$ or problem\$ or sex\$ or smoking or stimulant\$ or symptom\$ or tobacco or violenc\$)).ti,ab.
185	((adolescen\$ or boy\$1 or child\$ or delinquen\$ 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 toddlers\$ or (young\$ adj (people or person\$ or patient\$ or population\$)) or youngster\$ or youth\$1) adj2 ((at\$1 or high\$) adj risk) adj2 (abus\$ or addict\$ or aggress\$ or alcohol\$ or amphetamine\$ or behavior?\$ or cocaine or cessation or depend\$ or drug use\$ or heroin or intoxicat\$ or marijuana or misus\$ or pregnan\$ or problem\$ or sex\$ or smoking or stimulant\$ or symptom\$ or tobacco or violenc\$)).ti,ab.
186	((avoid\$ or discourag\$ or lower\$ or minimi\$ or reduc\$) adj3 (abus\$ or addict\$ or aggress\$ or alcohol\$ or amphetamine\$ or behavior?r\$ or cocaine or cessation or depend\$ or drug use\$ or heroin or intoxicat\$ or marijuana or misus\$ or pregnan\$ or problem\$ or sex\$ or smoking or stimulant\$ or symptom\$ or tobacco or violenc\$)).ti,ab.
187	early intervention/
188	187 use emez
189	"early intervention (education)"/
190	189 use mesz, prem
191	early intervention/
192	191 use psych
193	(early adj2 interven\$).ti,ab.
194	education/ or curriculum/ or curriculum development/ or education program/ or exp health education/ or problem based learning/ or exp school/ or exp special education/ or student assistance program/ or teacher/ or teaching/
195	194 use emez
196	education/ or exp curriculum/ or education, nonprofessional/ or exp education, special/ or exp health education/ or problem-based learning/ or exp schools/ or mentors/ or exp teaching/
197	196 use mesz, prem
198	education/ or classroom behavior modification/ or classroom discipline/ or exp curriculum/ or exp educational programs/ or elementary education/ or high school education/ or middle school education/ or preschool education/ or private school education/ or public school education/ or exp remedial education/ or exp schools/ or special education/ or exp teacher education/ or exp teaching/ or exp teaching methods/
199	198 use psych

200	((language or literac\$ or read or reads or reading or vocabulary) adj3 (build\$ or calendar\$ or class\$ or coach\$ or curriculum\$ or educat\$ or enhanc\$ or guide\$ or improv\$ or instruct\$ or packet\$ or resource\$ or skill\$ or strateg\$ or support\$ or teach\$ or train\$ or tutor\$)).ti,ab.
201	(early adj2 (language or literac\$ or reading or vocabulary)).ti,ab.
202	((classroom\$ or class room\$ or curricul\$ or mentor\$ or peer or peers or school\$ or teacher\$ or teaching\$ or tutor\$ or student\$) adj3 (coach\$ or guide\$ or instruct\$ or interven\$ or learn\$ or packet\$ or program\$ or resource\$ or skill\$ or session\$ or strateg\$ or support\$ or therap\$ or train\$ or treat\$)) or school based).ti,ab.
203	(supervis\$ adj2 (communit\$ or home\$ or school\$)).ti,ab.
204	((communit\$ or parent\$) adj involv\$) or community famil\$).ti,ab.
205	assertive training/
206	205 use emez
207	assertiveness/
208	207 use mesz, prem
209	assertiveness training/
210	209 use psych
211	(assertiveness or (assertion\$ adj2 (interven\$ or program\$ or therap\$ or train\$))).ti,ab.
212	*community health nursing/ or home care services/
213	212 use mesz, prem
214	home visiting programs/
215	214 use psych
216	((home adj2 visit\$) and (birth or mother\$ or parent\$ or pregnan\$)) or (nurs\$ adj2 famil\$)).ti,ab.
217	(anger coping or behavio?ral ecological or catch or computer based workbook or coping power program\$ or direct instruction or early steps or fast track or pals or paths program\$ or pcit or preventive treatment program\$ or psstp or psst p or ssdp or (sps adj2 program\$)).ti,ab.
218	program.ti,ab.
219	life event/ or lifestyle modification/ or lifestyle/
220	219 use emez
221	life event/ or lifestyle modification/ or lifestyle/
222	221 use mesz, prem
223	life change events/ or life style/ or communication skills training/ or human relations training/ or life experiences/ or life style/ or life style changes/ or school to work transition/ or school transition/ or self care skills/ or social skills training/
224	223 use psych
225	((life\$ adj2 (change\$ or experience\$)) or (prepar\$ adj3 adult\$) or ((life adj2 deman\$) or life style\$ or lifestyle) adj3 (approach\$ or assist\$ or coach\$ or club\$ or class\$ or educat\$ or group\$ or instruct\$ or interven\$ or learn\$ or manag\$ or model\$ or module\$ or outcome\$ or plan\$ or prepar\$ or program\$ or process\$ or psychotherap\$ or rehab\$ or service\$ or strateg\$ or support\$ or teach\$ or therap\$ or train\$ or treat\$)).ti,ab.
226	(skill\$ and (communit\$ or life or living or social or self care or independen\$ or self protect\$ or survival)).ti,ab.
227	(transition\$ adj5 (adolescen\$ or adult\$ or child\$ or man or men or people\$ or person\$ or student\$ or woman or women or (young\$ adj2 (person\$ or people or population\$)) or youngster\$ or youth)).ti,ab.
228	(transition\$ adj5 (communit\$ or educat\$ or employ\$ or independen\$ or live or living or school\$ or work\$)).ti,ab.
229	((life or lifestyle or living or survival) adj4 (educat\$ or taught or teach\$ or train\$)).ti,ab.
230	((career or employ\$ or job or interview or work or ((community adj2 based instruction) or living) or (independence or (self adj (care or determination or protect\$)) or vocational)) adj3 (curricul\$ or educat\$ or instruct\$ or interven\$ or program\$ or promot\$ or skill\$ or train\$)) or (cop\$ adj2 stress\$) or critical thinking or goal setting or (plan\$ adj2 future) or student focus?ed plan\$).ti,ab.
231	(transition\$ adj3 (approach\$ or assist\$ or coach\$ or club\$ or class\$ or educat\$ or group\$ or instruct\$ or interven\$ or learn\$ or model\$ or module\$ or outcome\$ or plan\$ or program\$ or

	process\$ or psychotherap\$ or rehab\$ or service\$ or strateg\$ or support\$ or teach\$ or therap\$ or train\$ or treat\$)).ti,ab.
232	or/166,168,170,172,174,176,178,180,182-186,188,190,192-193,195,197,199-204,206,208,210-211,213,215-218,220,222,224-231
233	or/164,232
234	or/122,233

2.2.2 Embase, MEDLINE, PreMEDLINE, PsycINFO – OvidSP

1	((earls court or earls court) adj social skills group) or (early literacy adj2 learning model) or early riser\$ or even start or family based residential or family oriented problem solving or family school partnership \$ or (families adj2 school\$ adj together) or (first step adj2 success) or foster family based treatment\$ or (foster adj2 family care) or fostering healthy future\$ or (fostering adj2 assistance program\$) or fsp prevention or functional family therap\$ or good behavio?r game or guiding good choices or head start or healthy families america or healthy families new york or (helping adj2 non compliant child) or homebuilders).ti,ab.
2	((i\$1 adj2 can problem solve) or imagination focused play or imagination play or incredible years or juvenile alternative services program\$ or (it\$1 adj2 piece of cake) or (let\$1 begin adj3 letter people) or life skills training or lift program\$ or linking interests or lions quest skills or (media based adj2 (program\$ or therap\$)) or mellow parent\$ or multidimensional treatment foster care or newpin or ((nurse or school) adj2 (family or parent\$) adj2 partnership\$) or olweus bullying program or parent child home program\$ or (parent child interaction adj (therapy or train\$))).ti,ab.
3	(parent education program\$ or parent effectiveness training or parent enhancement therap\$ or parent management train\$ or parenting wisely or parents plus or paths program\$ or (perry adj (preschool or pre school\$)) or planet health or (positive adj (action or parenting)) or power teaching mathematics or project lift or problem solving skills train\$ in\$1 vivo practice or project spark or project towards no\$1 drug abuse or project tnd or promoting alternative thinking strategies or quick reads or read 180 or raising healthy children or reading recovery or ready set leap).ti,ab.
4	(roots of\$1 empathy or safebase parenting or safe dates or safer choices or scared straight or (schools and\$1 families educating children or safe children) or seattle social development or shapedown or star parenting program\$ or (start taking alcohol risks seriously or stars) or stop now and\$1 plan or striving together or strong african american families program\$).ti,ab.
5	(success for\$1 all or tai math or targeted reading intervention or teen outreach or reading edge or (saaf adj2 program\$) or sure start or (systematic training adj2 effective parenting) or therapeutic wilderness program\$ or together learning choices or triple p or varying maternal involvement or youth aids prevention project or webster stratton).ti,ab.
6	or/1-5

2.3 Pharmacological interventions

Embase, MEDLINE, PreMEDLINE, PsycINFO – OvidSP

Anticonvulsants

#	Searches
1	exp anticonvulsive agent/ or exp tranquilizer/
2	1 use emez
3	exp anticonvulsants/ or exp antimanic agents/ or exp tranquilizing agents/
4	3 use mesz, prem
5	exp anticonvulsive drugs/ or exp tranquilizing drugs/
6	5 use psych
7	((mood adj2 stabili\$) or ((antimanic or anti manic) adj2 (agent\$ or drug\$ or stabil\$)) or anticonvuls\$ or anti convuls\$ or tranquili?er\$ or tranquili?ing).tw.

8	acetazolamide/
9	8 use emez
10	acetazolamide/
11	10 use mesz, prem
12	acetazolamide/
13	12 use psyh
14	(acetazolamide or acetadiazol or acetazolam or ak zol or akzol or apo acetazolamide or apoacetazolamide or defiltran or diacarb or diamox or diuramide or edemox or glauconox or glaupax or huma zolamide or humazolamide or monosodium salt acetazolamide).ti,ab.
15	carbamazepine\$.sh.
16	15 use emez
17	carbamazepine/
18	17 use mesz, prem
19	carbamazepine/
20	19 use psyh
21	(carbamazepin\$ or amizepin\$ or amizepin\$ or amizepin\$ or atretol or biston or calepsin\$ or carbategral\$ or carbatrol\$ or carbazepin\$ or convulin\$ or epimax or epitol or equetro or finlepsin\$ or finlepsin\$ or lexin or mazepin\$ or neurotol or neurotop or servimazepin\$ or sirtal or tegral or tegretal or tegretol or tegrital or telesmin or teril or timonil).tw.
22	ethosuximide/
23	22 use emez
24	ethosuximide/
25	24 use mesz, prem
26	(ethosuximid\$ or asamid\$ or emesid\$ or ethosuccimid\$ or ethosuccinimid\$ or ethylmethylsuccimid\$ or ethylsuximid\$ or ethymal\$ or etosuximid\$ or mesentol\$ or pemal or petinimid\$ or petnidan\$ or petnidan\$ or pyknolepsin\$ or ronton\$ or simatin\$ or succinutin\$ or succsilep or suxilep or suxinutin\$ or zarontin\$ or zarontin\$).tw.
27	ethotoin/
28	27 use emez
29	(ethotoin or accenon or peganone).ti,ab.
30	felbamate/
31	30 use emez
32	(felbamate or felbamyl or felbatol or taloxa).ti,ab.
33	fosphenytoin sodium/
34	33 use emez
35	(fosphenytoin or cerebyx or phosphenytoin sodium or pro epanutin or prodilantin).ti,ab.
36	gabapentine/
37	36 use emez
38	gabapentin/
39	38 use psyh
40	(gabapentin\$ or neurontin\$ or neurotonin\$).tw.
41	harkoseride/
42	41 use emez
43	(lacosamid\$ or erlosamid\$ or harkoserid\$ or n acetyl o methyl dextro serine benzylamid\$).tw.
44	lamotrigine/
45	44 use emez
46	lamotrigine/
47	46 use psyh
48	(lamotrigin\$ or labileno or lamictal).tw.
49	etiracetam/
50	49 use emez
51	(levetiracetam or etirazetam or etiracetam or keppra).tw.
52	harkoseride/

53	52 use emez
54	(lacosamide or erlosamide or harkoseride or vimpat).ti,ab.
55	mephenytoin/
56	55 use emez
57	mephenytoin/
58	57 use mesz, prem
59	(mephenetoin or epilan or epilanex or epilan-gerot or gerol epilan or mefenetoin or mefenytoin or mephenytoin or mesantoin or mesantoine or mesanton or methantoin or methoin or methyl phenyl ethyl hydantoin or methylhydantoin or methylphenetoin or methylphenylethylhydantoin or metydan or phenantoin or sacerno or sedantoin or triantoin).ti,ab.
60	mesuximide/
61	60 use emez
62	(mesuximide or celontin or celontine or methosuximide or methsuximide or methylsuximide or metsuccimide).ti,ab.
63	metharbital/
64	63 use emez
65	(metharbital or endiemal or gemonil or methabarbital or metharbitone or methylbarbital or methylbarbitone).ti,ab.
66	methazolamide/
67	66 use emez
68	methazolamide/
69	68 use mesz, prem
70	(methazolamide or n-methylacetazolamide or glauctabs or glaumetax or metazolamide or mezomin or neptazane).ti,ab.
71	oxcarbazepine/
72	71 use emez
73	(oxcarbazepin\$ or apydan\$ or oxocarbazepin\$ or timox or tripleptal\$).tw.
74	phenobarbital/
75	74 use emez
76	exp phenobarbital/
77	76 use mesz, prem
78	phenobarbital/
79	78 use psyh
80	(phenobarbit\$ or adonal\$ or aephenal\$ or agrypnal\$ or alepsal\$ or amylofen\$ or aphenylbarbit\$ or aphenyletten\$ or austrominal\$ or barbapil\$ or barbellens\$ or barbenyl or barbiletta\$ or barbilixir or barbinal\$ or barbiphen\$ or barbiphenyl or barbivis or barbonal\$ or barbonalett or barbophen\$ or bardorm or bartol or bialminal\$ or calmette\$ or calminal\$ or carbronal\$ or cardinal\$ or cemalonal\$ or codibarbital\$ or coronaletta or cratecil\$ or damoral\$ or dezibarbitur or dormina or dormiral\$ or dromural\$ or ensobarb or ensodorm or epanal\$ or epidorm or epilol\$ or episedal\$ or epsilon\$ or eskabarb or etilfen\$ or euneryl or fenbital\$ or fenemal\$ or fenobarbital\$ or fenolbarbital\$ or fenosed or fenyletta\$ or gardenal\$ or gardepanyl or glysoletten\$ or haplopan\$ or haplos or helional\$ or hennoletten\$ or hypnaletten\$ or hypno tablinetten\$ or hypnogen fragner or hypnolon\$ or hypnotal\$ or hysteps or lefebar or leonal\$ or lephebar or lepinal\$ or linasen\$ or liquital\$ or lixophen\$ or lubergal\$ or lubrokal\$ or lumesette\$ or lumesyn\$ or luminal\$ or lumofridetten\$ or luphenil\$ or luramin\$ or molinal\$ or neurobarb or nirvonan\$ or noptil\$ or nova pheno or nunol or parkotal\$ or pharmetten\$ or phen bar or phenaemal\$ or phenemal\$ or phenethylbarbit\$ sodium or phenobalor phenobarb or phenobarbyl\$ or phenonyl\$ or phenoturic or phenoyl\$ or phenyl ethyl barbituric acid or phenylbarbit\$ or phenylethyl barbituric acid or phenylethylbarbituric acid or phenylethylbarbituric acid or phenylethylmalonyl urea or phenylethylmalonylurea or phenyletten\$ or phenyral\$ or polcominal\$ or promptonal\$ or seda tablinen\$ or sedabar or sedicat\$ or sedizorin\$ or sedlyn or sedofen\$ or sedonal\$ or sedonette\$ or seneval\$ or sevenal\$ or sombutol\$ mcclung or somnolen\$ or somnoletten\$ or somnosan\$ or somonal\$ or spasepilin\$

	or starifen\$ or stariletta\$ or stental\$ or teolaxin\$ or theolaxin\$ or triabarb or tridezibarbitur or versomnal\$ or wakobital\$ or zadoletten\$ or zadonal\$).tw.
81	phensuximide/
82	81 use emez
83	(phenosuximide or lifene or methylphenylsuccinimide or milontin or milonton or phensuccinimide or phensuscimide or succitimal).ti,ab.
84	phenytoin/
85	84 use emez
86	phenytoin/
87	86 use mesz, prem
88	phenytoin/
89	88 use psych
90	(phenytoin\$ or aleviatin\$ or antilepsin\$ or antisacer or antisacer or cansoin\$ or citrullamon\$ or comital\$ or danten\$ or dantoin\$ or denyil or di hydantol\$ or difenin\$ or difetoin\$ or differenin\$ or difhydan\$ or dihydantol\$ or dilantin\$ or dintoin\$ or diphantoin\$ or diphedal\$ or diphedan\$ or diphenin\$ or diphenytoin\$ or ekko or epamin\$ or epanutin\$ or epelin\$ or epilantin\$ or eptal\$ or eptoin\$ or fenantoin\$ or fenitoin\$ or fenytoin\$ or fenytoin\$ or hidantal\$ or hydantoin\$ or hydantoinal\$ or hydantol\$ or idantoin\$ or leptooin\$ or lepsin\$ or minetoin\$ or neosidantoin\$ or phenhydan\$ or phenybin\$ or phenydan\$ or phenytonium or sanepil\$ or sodantoin\$ or sodanton or sodium diphenylhydantoinate or solantoin\$ or solantyl or tacosal\$ or zentropil\$).tw.
91	pregabalin/
92	91 use emez
93	pregabalin/
94	93 use psych
95	(pregabalin\$ or 3 isobutylgaba or lyrica).tw.
96	primidone/
97	96 use emez
98	primidone/
99	98 use mesz, prem
100	primidone/
101	100 use psych
102	(primadone or cyral or desoxyphenobarbitone or hexadiona or lepsiral or liskantin or majsolin or midone or mizodin or mutigan or mylepsin or mylepsinum or mysolin or mysoline or neurosyn or primaclone or prysoline or resimatil or sertan).ti,ab.
103	rufinamide/
104	103 use emez
105	(rufinamid\$ or inovelon\$ or xilep).tw.
106	stiripentol/
107	106 use emez
108	(stiripentol or diacomit).ti,ab.
109	tiagabine/
110	109 use emez
111	(tiagabin\$ or gabitril\$ or tiabex).tw.
112	topiramate/
113	112 use emez
114	(topiramate\$ or epitomax or topamax or topimax).tw.
115	trimethadione/
116	115 use emez
117	trimethadione/
118	117 use mesz, prem
119	(trimethadion\$ or absentol or apo-primidone or desoxyphenobarbital or edion or epidione or liskantin or mino aleviatin or misodine or mizodin or mylepsinum or mysoline or petidion or primaclone or primidon holsten or primidone or ptimal or resimatil or sertan or tridione or

	trimedal or trimethadone or trimetin or triksal or troxidone).ti,ab.
120	valproic acid/ or valproate semisodium/
121	120 use emez
122	valproic acid/
123	122 use mesz, prem
124	valproic acid/
125	124 use psych
126	(valproic acid or 2 propylpentanoate or 2 propylpentanoic acid or 2 propylpentanoic acid or 2 propylvalerate sodium or 2 propylvaleric acid or 2 propylvaleric acid sodium or alpha propylvaler\$ or apilepsin\$ or convulex or convulsofin\$ or depacon or depakene or depakin\$ or depakote or deprakin\$ or di n propylacetat\$ or di n propylacetat\$ sodium or di n propylacetic acid or dipropyl acetate or dipropyl acetic acid or dipropylacetat\$ or dipropylacetatic or diprosin\$ or divalproate or divalproex or epilim or epival or ergenyl or everiden\$ or goilim or labazen\$ or leptilan\$ or leptilani\$ or mylproin\$ or myproic acid or n dipropylacetic acid or orfiril or orlept or propymal\$ or sodium 2 propylpentanoat\$ or sodium 2 propylvalerat\$ or sodium di n propyl acetate or sodium di n propylacetat\$ or sodium dipropyl acetate or sodium dipropylacetate or sodium n dipropylacetate or valerin\$ or valparin\$ or valpro or valproate or vupral).tw.
127	verapamil\$.sh.
128	127 use emez
129	exp verapamil/
130	129 use mesz, prem
131	verapamil/
132	131 use psych
133	(verapamil\$ or arpamil\$ or azupamil\$ or berkatens or calan or cardiagutt or cardibeltin\$ or coer 24 or cordilox or corpamil\$ or covera hs or dexverapamil\$ or dignover or dilacoron\$ or durasoptin\$ or falicard or finoptin\$ or geangin\$ or ikakor or iproveratril\$ or isopropylacetoneitril\$ or isopropylvaleronitril\$ or isoptin\$ or izoptin\$ or manidon\$ or novapamil\$ or phynoptin\$ or securon\$ or univer or vasolan or verabeta or veraloc or veramex or verelan or verexamil or veroptin stada or verpamil or vortac).tw.
134	vigabatrine/
135	134 use emez
136	(vigabatrin\$ or n vinyl 4 aminobutyric acid or n vinyl gaba or n vinyl gamma aminobutyric acid or sabril or sabrilex).tw.
137	zonisamide/
138	137 use emez
139	(zonisamid\$ or excegran or excemid or zonegran).tw.
140	or/2,4,6-7,9,11,13-14,16,18,20-21,23,25-26,28-29,31-32,34-35,37,39-40,42-43,45,47-48,50-51,53-54,56,58-59,61-62,64-65,67,69-70,72-73,75,77,79-80,82-83,85,87,89-90,92,94-95,97,99,101-102,104-105,107-108,110-111,113-114,116,118-119,121,123,125-126,128,130,132-133,135-136,138-139

Antidepressants

#	Searches
1	exp antidepressant agent/
2	1 use emez
3	exp antidepressive agents/
4	3 use mesz, prem
5	exp antidepressant drugs/
6	5 use psych
7	(tricyclic\$ or tca\$1 or (ssri\$ or ((serotonin or 5 ht or 5 hydroxytryptamine) adj (uptake or reuptake or re uptake) adj inhibit\$)) or (antidepress\$ or anti depress\$ or maoi\$1 or ((adrenaline or amine or mao or mono amin\$ or monoamin\$ or tyramin\$) adj2 inhibit\$)) or (snri\$ or ssnri\$ or ((noradrenalin or norepinephrine) adj serotonin adj (uptake or reuptake or re uptake) adj

	inhibitor\$) or (serotonin adj (noradrenalin or norepinephrine) adj (uptake or reuptake or reuptake) adj inhibitor\$)) or tetracyclíc\$.ti,ab.
8	agomelatine/
9	8 use emez
10	(agomelatin\$1 or melitor or thymanax or valdoxan\$1).ti,ab.
11	amitriptyline/
12	11 use emez
13	amitriptyline/
14	13 use mesz, prem
15	amitriptyline/
16	15 use psych
17	(amitriptyl\$1 or amitryptil\$1 or amitryptin\$1 or amitryptilin\$1 or amytriptil\$1 or amytriptyl\$1 or amytriptil\$1 or adepress or adepril\$1 or ambivalon\$1 or amineurin\$1 or amitid\$1 or amitril\$1 or amitrip or amitrol\$1 or anapsique or antitriptylin\$1 or apoamitriptylin\$1 or damilen\$1 or damylen\$1 or domical\$1 or elatrol\$1 or elavil\$1 or endep or enovil\$1 or etafon\$1 or etafon\$1 or euplit\$1 or lantron\$1 or laroxal\$1 or laroxyl\$1 or lentizol\$1 or novoprotect or proheptadien\$1 or redomex or sarboten retard 75 or saroten\$1 or sarotex or stelminal\$1 or sylvemid\$1 or syneudon\$1 or teperin\$1 or terepin\$1 or triptafen\$1 or triptanol\$1 or triptizol\$1 or triptyl or triptylin\$1 or tryptanol\$1 or tryptin\$1 or tryptizol\$1).ti,ab.
18	amfebutamone/
19	18 use emez
20	bupropion/
21	20 use mesz, prem
22	bupropion/
23	22 use psych
24	(bupropion or amfebutamone or aplenzin or buprion hydrochloride or bupropin or buproprion or buxom or odranal or quomen or wellbatrin or zyban or zyntabac).ti,ab.
25	clomipramine/
26	25 use emez
27	chlomipramine/
28	27 use mesz, prem
29	chlorimipramine/
30	29 use psych
31	(chlomipramin\$1 or chlorimipramin\$1 or chloroimipramin\$1 or clomipramin\$1 or anafranil\$1 or anafranilin\$1 or anafranyl or domipramin\$1 or hydiphen\$1 or monochlor imipramin\$1 or monochlorimipramin\$1 or monochloroimipramin\$1).ti,ab.
32	chlorprothixene/
33	32 use emez
34	chlorprothixene/
35	34 use mesz, prem
36	chlorprothixene/
37	36 use psych
38	(chlorprothixen\$1 or aminasin\$1 or aminasin\$1 or aminazin\$1 or aminazin\$1 or ampliactil\$1 or amplitil\$1 or ancholactil\$1 or chlopromazin\$1 or chlor pz or chlorbromasin\$1 or chlorderazin\$1 or chlorderazin\$1 or chlorpromazin\$1 or chlorpromanyl or chlorpromazin\$1 or chlorprotixen\$1 or chlorderazin\$1 or clorpromazin\$1 or cloxan or contomin\$1 or elmarin\$1 or fenactil\$1 or hibanil\$1 or hibernal\$1 or hibernal\$1 or klorpromex or largactil\$1 or largactyl or megaphen\$1 or neurazin\$1 or novomazin\$1 or phenathyl\$1 or plegomazin\$1 or plegomazin\$1 or proma or promacid\$1 or promactil\$1 or promapar or promazil\$1 or propaphen\$1 or propaphenin\$1 or prozil\$1 or psychozin\$1 or sanopron\$1 or solidon\$1 or sonazin\$1 or taractan\$1 or taroctil\$1 or thor prom or thorazen\$1 or thorazin\$1 or torazina or truxal or vegetamin a or vegetamin b or wintamin\$1 or wintermin\$1 or zuledin\$1).ti,ab.
39	citalopram/
40	39 use emez

41	citalopram/
42	41 use mesz, prem
43	citalopram/
44	43 use psyh
45	(celexa or cipramil\$1 or cytalopram or elopram or escitalopram or lexapro or nitalapram or sepram or seropram).ti,ab.
46	clonidine\$.sh.
47	46 use emez
48	clonidine/
49	48 use mesz, prem
50	clonidine/
51	50 use psyh
52	(clonidin\$ or adesipress tts 2 or adesipress tts2 or arkamin or atensina or caprysin or catapres or catapres?an\$ or catapres?an or catasan or chlofazolin or chlophazolin or chlophelin or clinidine or clofelin or clofeline or clofenil or clomidine or clonipresan or clonistada or clonnirit or clophelin\$ or clopheline or daipres or dcai or dixarit or dixarit or duraclon or gemiton or h?emiton or hemiton or hypodine or isoglaucon or isoglaucon or klofelin or klofenil or melzin or normopres?n or paracefan or sulmidine or taitecin or tenso timelets).ti,ab.
53	desipramine/
54	53 use emez
55	desipramine/
56	55 use mesz, prem
57	desipramine/
58	57 use psyh
59	(desipramin\$ or demethylimipramine or deprexan or desimipramine or desmethyl imipramin\$ or desmethylimipramin\$ or despiramineor n demethylimipramine or nebril or norimipramine or norpramin\$ or nortimil or pentrofan\$ or pertofran\$ or pertofrin or petrofran\$ or petylyl or sertofren).ti,ab.
60	despipramine.ti,ab.
61	desvenlafaxine/
62	61 use emez
63	desvenlafaxine/
64	63 use mesz, prem
65	(desvenlafaxin\$1 or o desmethylvenlafaxin\$1 or o norvenlafaxin\$1 or pristiq).ti,ab.
66	dosulepin/
67	66 use emez
68	dothiepin/
69	68 use mesz, prem
70	(dothiepin\$1 or dosulepin\$1 or altapin\$1 or depresym\$1 or dopress or dothep or idom or prothiaden\$1 or prothiadien\$1 or prothiadin\$1 or protiaden\$1 or thaden).ti,ab.
71	doxepin/
72	71 use emez
73	doxepin/
74	73 use mesz, prem
75	doxepin/
76	75 use psyh
77	(doxepin\$1 or adapin\$1 or apodoxepin\$1 or aponal\$1 or co dox or curatin\$1 or deptran\$1 or desidox or doneurin\$1 or doxepia or espadox or mareen or prudoxin\$1 or quitaxon\$1 or silenor or sinepin or sinequan\$1 or sinquan\$1 or xepin\$1 or zonalon\$1).ti,ab.
78	duloxetine\$.sh.
79	78 use emez
80	(duloxetine\$1 or ariclaim or cymbalta or xeristar or yentreve).ti,ab.
81	escitalopram/

82	81 use emez
83	(escitalopram or cipralex or lexapro or seroplex).ti,ab.
84	fezolamin\$.sh.
85	84 use emez
86	fezolamin\$.ti,ab.
87	fluoxetine\$.sh.
88	87 use emez
89	fluoxetine/
90	89 use mesz, prem
91	fluoxetine/
92	91 use psych
93	(fluoxetin\$1 or flucitin\$1 or flunirin\$1 or fluoxifar or prosac or prozac or prozamin or sarafem or symbyax).ti,ab.
94	fluvoxamine\$.sh.
95	94 use emez
96	fluvoxamine/
97	96 use mesz, prem
98	fluvoxamine/
99	98 use psych
100	(fluvoxamin\$1 or depromel\$1 or desiflu or dumirox or faverin\$1 or fevarin\$1 or floxyfral\$1 or fluoxamin\$1 or fluoxamin\$1 or fluvoxadura or luvox).ti,ab.
101	imipramine/
102	101 use emez
103	imipramine/
104	103 use mesz, prem
105	imipramine/
106	105 use psych
107	(imipramin\$1 or antideprin\$1 or berkomin\$1 or chrytemin\$1 or deprimin or deprinol\$1 or depsonil or dynaprin or eupramin or ia pram or imavate or imidobenzyl\$1 or imidol\$1 or imipramid\$1 or imipramil or imiprex or imiprin\$1 or imizin\$1 or irmin or janimin\$1 or melipramin\$1 or norchlorimipramin\$1 or norpramin\$1 or novopramin\$1 or presamin\$1 or pryleugan\$1 or psychoforin\$1 or psychoforin\$1 or servipramin\$1 or sk pramin\$1 or surplix or tofranil\$1 or trofanil\$1).ti,ab.
108	isocarboxazid/
109	108 use emez
110	isocarboxazid/
111	110 use psych
112	(isocarboxacid\$1 or bmih or enerzer or isocarboazid\$1 or isocarboxazid\$1 or marplan\$1 or marplon).ti,ab.
113	lofepramine/
114	113 use emez
115	lofepramine/
116	115 use mesz, prem
117	(lofepramin\$1 or lopramin\$1 or amplit\$1 or deftan\$1 or feprapax or gamanil\$1 or gamonil\$1 or lomont or lopramin\$1 or tymelyt).ti,ab.
118	mianserin/
119	118 use emez
120	mianserin/
121	120 use mesz, prem
122	mianserin/
123	122 use psych
124	(mianserin\$1 or athymil\$1 or bolvidon\$1 or investig or lantanon\$1 or lanthanon\$1 or lerivon\$1 or miaxan\$1 or norval or serelan\$1 or tetramid\$1 or tolvin\$1 or tolvon\$1).ti,ab.

125	mirtazapine/
126	125 use emez
127	(mirtazapin\$1 or avanza or 6 azamianserin\$1 or lerivon\$1 or remergil\$1 or remergon\$1 or remeron\$1 or tolvon\$1 or zispin).ti,ab.
128	moclobemide/
129	128 use psyh
130	(moclobemid\$1 or arima or aurorex or aurorix or deprenorm or feraken\$1 or manerix or moclamid\$1 or moclix or moclobamid\$1 or moclobeta or moclodura or moclonorm or novomoclobemid\$1 or numoclobemid\$1 or rimoc).ti,ab.
131	nefazadone/
132	131 use emez
133	(nefazadon\$1 or dutonin or nefadar or reseril\$1 or serzon\$1).ti,ab.
134	nortriptyline/
135	134 use emez
136	nortriptyline/
137	136 use mesz, prem
138	nortriptyline/
139	138 use psyh
140	(nortriptylin\$1 or acetexa or allegron\$1 or altilev or atilev or avantyl or aventyl or desitriptylin\$1 or desmethylamitriptylin\$1 or martimil\$1 or noramitriptylin\$1 or norfenazin\$1 or noritren\$1 or norpress or nortrilin\$1 or nortryptilin\$1 or nortryptilin\$1 or pamelor or paxtibi or propylamin\$1 or psychostyl or sens?val).ti,ab.
141	opipramol/
142	141 use emez
143	opipramol/
144	143 use mesz, prem
145	(opipramol\$1 or dinsidon\$1 or ensidon\$1 or eusidon\$1 or insidon\$1 or nisidan\$1 or oprimol or pramolans\$1).ti,ab.
146	paroxetine/
147	146 use emez
148	paroxetine/
149	148 use mesz, prem
150	paroxetine/
151	150 use psyh
152	(paroxetin\$1 or aropax or deroxat or motivan\$1 or paxil or pexeva or seroxat or tagonis).ti,ab.
153	phenelzine/
154	153 use emez
155	phenelzine/
156	155 use mesz, prem
157	phenelzine/
158	157 use psyh
159	(phenelzin\$1 or 2 phenethylhydrazin\$1 or 2 phenylethylhydrazin\$1 or benzylmethylhydrazin\$1 or beta phenethylhydrazin\$1 or beta phenylethylhydrazine or fenelzin or fenizin\$1 or mao rem or nardelzin\$1 or nardil\$1 or phenalzin\$1 or phenethylhydrazin\$1 or phenylethylhydrazin\$1 or stinerval\$1).tw.
160	reboxetine/
161	160 use emez
162	(reboxetin\$1 or davedax or edronax or norebox or prolift or solvex or vestra).tw.
163	sertraline/
164	163 use emez
165	sertraline/
166	165 use mesz, prem
167	sertraline/

168	167 use psych
169	(sertraline\$1 or alprazolam\$1 or alprazolam or besiprone\$1 or glaxolam or lustral\$1 or naphthylamine\$1 or sealdin\$1 or serad or serlain\$1 or tresleen or zolofte).ti,ab.
170	trazodone/
171	170 use emez
172	trazodone/
173	172 use mesz, prem
174	trazodone/
175	174 use psych
176	(trazodone\$1 or benecate or deprax or desirel or desyrel\$1 or molipaxin\$1 or pesyrel\$1 or rpragazon\$1 or pragmarel\$1 or pragmazone\$1 or thombran\$1 or thrombin\$1 or thrombran\$1 or tombran\$1 or trasodon\$1 or trazolan\$1 or trazorel or trazone\$1 or trialodine or tritico).ti,ab.
177	tranylcypromine/
178	177 use emez
179	tranylcypromine/
180	179 use mesz, prem
181	tranylcypromine/
182	181 use psych
183	(tranylcypromine\$1 or phenylcyclopropylamine\$1 or dl trans 2 phenylcyclopropylamine\$1 or jatrosom\$1 or parmodalin\$1 or parnate or parnitene\$1 or parnitin\$1 or trancilpromine\$1 or trancylpromine\$1 or trancylprominesulfate or tranilacipromine\$1 or trans 2 phenylcyclopropylamine\$1 or transamin\$1 or tyliciprin\$1).ti,ab.
184	trimipramine/
185	184 use emez
186	trimepramine/
187	186 use mesz, prem
188	(trimipramine\$1 or trimepropimine\$1 or trimidura or trimineurin\$1 maleate or trimipramine\$1 or trimoprimine\$1 or eldoral\$1 or herphonal\$1 or trimineurin\$1 or novo tripramine\$1 or novotripramine\$1 or nutrimipramine\$1 or rhotrimine\$1 or stangyl or surmontil\$1 or apo trimip or apotrimip or herphonal\$1 or stangyl or surmontil\$1).ti,ab.
189	(tripramine\$1 or novotripramine\$1 or nutrimipramine\$1 or rhotrimine\$1 or stangyl or surmontil\$1 or apo trimip or apotrimip or herphonal\$1 or stangyl or surmontil\$1).ti,ab.
190	venlafaxine/
191	190 use emez
192	venlafaxine/
193	192 use psych
194	(venlafaxine\$1 or efexor or effexor or foraven or tifaxin or trevilor or venaxx or venlalic or winfex).tw.
195	or/2,4,6-7,9-10,12,14,16-17,19,21,23-24,26,28,30-31,33,35,37-38,40,42,44-45,47,49,51-52,54,56,58-60,62,64-65,67,69-70,72,74,76-77,79-80,82-83,85-86,88,90,92-93,95,97,99-100,102,104,106-107,109,111-112,114,116-117,119,121,123-124,126-127,129-130,132-133,135,137,139-140,142,144-145,147,149,151-152,154,156,158-159,161-162,164,166,168-169,171,173,175-176,178,180,182-183,185,187-189,191,193-194

Antipsychotics

#	Searches
1	exp neuroleptic agent/
2	1 use emez
3	exp antipsychotic agents/
4	3 use mesz, prem
5	exp neuroleptic drugs/
6	5 use psych
7	(antipsychotic\$ or anti psychotic\$ or (major adj2 (butyrophenon\$ or phenothiazin\$ or

	tranquil\$)) or neuroleptic\$.ti,ab.
8	amisulpride/
9	8 use emez
10	(amisulprid\$1 or aminosultoprid\$1 or amisulpirid\$1 or sertol\$1 or socian or solian).ti,ab.
11	aripiprazole/
12	11 use emez
13	aripiprazole/
14	13 use mesz, prem
15	(aripiprazol\$1 or abilify or abilitat).ti,ab.
16	benperidol/
17	16 use emez
18	(benperidol\$1 or anquil or benperidon\$1 or benzoperidol\$1 or benzperidol\$1 or frenactil\$1 or frenactyl or glianimon\$1 or phenactil\$1).ti,ab.
19	chlorpromazine/
20	19 use emez
21	chlorpromazine/
22	21 use mesz, prem
23	chlorpromazine/
24	23 use psych
25	(chlorpromazin\$1 or aminazin\$1 or chlorazin\$1 or chlordelazin\$1 or contomin\$1 or fenactil\$1 or largactil\$1 or propaphenin\$1 or thorazin\$1).ti,ab.
26	chlorprothixene/
27	26 use emez
28	chlorprothixene/
29	28 use mesz, prem
30	chlorprothixene/
31	30 use psych
32	(chlorprothixen\$1 or aminasin\$1 or aminasin\$1 or aminazin\$1 or aminazin\$1 or ampliactil\$1 or amplitil\$1 or ancholactil\$1 or chlopromazin\$1 or chlor pz or chlorbromasin\$1 or chlordelazin\$1 or chlorderazin\$1 or chlorpromazin\$1 or chlorpromanyl or chlorpromazin\$1 or chlorprotixen\$1 or clordelazin\$1 or clorpromazin\$1 or cloxan or contomin\$1 or elmarin\$1 or fenactil\$1 or hibanal\$1 or hibernal\$1 or hibernal\$1 or klorpromex or largactil\$1 or largactyl or megaphen\$1 or neurazin\$1 or novomazin\$1 or phenathyl or plegomazin\$1 or plegomazin\$1 or proma or promacid\$1 or promactil\$1 or promapar or promazil\$1 or propaphen\$1 or propaphenin\$1 or prozil or psychozin\$1 or sanopron\$1 or solidon\$1 or sonazin\$1 or taractan\$1 or taroctil\$1 or thor prom or thorazen\$1 or thorazin\$1 or torazin\$1 or truxal or vegetamin a or vegetamin b or wintamin\$1 or wintermin\$1 or zuledin\$1).ti,ab.
33	clozapine/
34	33 use emez
35	clozapine/
36	35 use mesz, prem
37	clozapine/
38	37 use psych
39	(clozapin\$1 or alemoxan\$1 or azaleptin\$1 or clopine or clozaril\$1 or denzapin\$1 or dorval or dozapin\$1 or fazaclo or froidir or klozapol or lapenax or leponex or wander compound or zaponex).ti,ab.
40	flupentixol/
41	40 use emez
42	flupentixol/
43	42 use mesz, prem
44	(flupentixol\$1 or flupentixol\$1 or depixol\$1 or emergil\$1 or fluanxol\$1 or flupentixol\$1 or emergil\$1 or fluanxol\$1 or piperazineethanol\$1 or viscoleo).ti,ab.
45	fluphenazine/
46	45 use emez

47	fluphenazine/
48	42 use mesz, prem
49	fluphenazine/
50	49 use psych
51	(fluphenazine or anatensil or anatensol or antasol or dapotum or elinol or flufenazine or flumezin or fluorfenazine or ftophenazine or luogen depot or lyogen or lyorodin or moditen or moditin or omca or pacinol or permitil or phthorphenazine or prolisan 300 or prolisene or prolisan or prolisene or s 94 or sevin or squaline or squalon or squalone or siquoline or tensofin or trancin or valamina or vespazin or vespazine).ti,ab.
52	fluspirilene/
53	52 use emez
54	fluspirilene/
55	54 use mesz, prem
56	(fluspirilene or fluspi or imap or kivat or redeptin or spirodiflamin).ti,ab.
57	haloperidol/
58	57 use emez
59	haloperidol/
60	59 use mesz, prem
61	haloperidol/
62	61 use psych
63	(haloperidol or aloperidin or bioperidolo or brotopon or celenase or cerenace or dozic or duraperidol or einalon s or eukystol or fortunane or haldol or halidol or haloneural or haloperitol or halosten or keselan or linton or peluces or serenace or serenase or siegoperidol or sigaperidol).ti,ab.
64	levomepromazine/
65	64 use emez
66	methotrimeprazine/
67	66 use mesz, prem
68	(levomepromazine or 2 methoxytrimeprazine or hirnamin or levo promazine or levomeprazine or levopromazine or levoprom or mepromazine or methotrimeprazine or methotrimperazine or milezin or minozinan or neozin or neuractil or neurocil or nirvan or nosinan or nozinan or sinogan or tiscercin or tizercin or tizertsin or veractil).ti,ab.
69	molindone/
70	69 use emez
71	molindone/
72	71 use mesz, prem
73	molindone/
74	73 use psych
75	(molindone or lidone or moban).ti,ab.
76	olanzapine/
77	76 use emez
78	olanzapine/
79	78 use mesz, prem
80	(olanzapin or lanzac or midax or olansek or olzapin or rexapin or zalasta or zolafren or zydis or zypadhera or zyprex).ti,ab.
81	paliperidone/
82	81 use emez
83	paliperidone/
84	83 use psych
85	(paliperidon or 9 hydroxyrisperidon or invega).ti,ab.
86	paroxetine/
87	86 use emez

88	paroxetine/
89	88 use mesz, prem
90	paroxetine/
91	90 use psych
92	(paroxetin\$1 or aropax or deroxat or motivan or paxil\$1 or pexeva or seroxat or tagonis).ti,ab.
93	periciazine/
94	93 use emez
95	(pericyazin\$1 or aolept or neulactil\$1 or neuleptil\$1 or periciazin\$1 or properciazin\$1 or propericiazin\$1).ti,ab.
96	perphenazine/
97	96 use emez
98	perphenazine/
99	98 use mesz, prem
100	perphenazine/
101	100 use psych
102	(perphenazin\$1 or chlorperphenazin\$1 or chlorpiprazin\$1 or chlorpiprozin\$1 or decentan\$1 or etaperazin\$1 or ethaperazin\$1 or etrafon or fentazin\$1 or perfenazin\$1 or perfenazin\$1 or perforazin\$1 or perphenan\$1 or perphenezin\$1 or thilatazin\$1 or tranquisan\$1 or triavail or trifalon\$1 or trilafan\$1 or trilafon\$1 or trilifan\$1 or triliphan\$1).ti,ab.
103	pimozide/
104	103 use emez
105	pimozide/
106	105 use mesz, prem
107	pimozide/
108	107 use psych
109	(pimozid\$1 or antalon\$1 or opiran\$1 or orap or pimocid\$1 or pimorid\$1 or pinozid\$1).ti,ab.
110	prochlorperazine/
111	110 use emez
112	prochlorperazine/
113	112 use mesz, prem
114	prochlorperazine/
115	114 use psych
116	(prochlorperazin\$1 or buccastem or capazin\$1 or chlormeprazin\$1 or chlorpeazin\$1 or chlorperazin\$1 or compazin\$1 or dicopal\$1 or emelent or kronocin\$1 or meterazin\$1 or metherazin\$1 or nipodal\$1 or phenotil or prochlor perazin\$1 or prochlorpemazin\$1 or prochlorperacin\$1 or prochlorperzin\$1 or prochlorpromazin\$1 or prochlorperazin\$1 or stemetil or stemzine or temetil\$1 or temetil\$1).ti,ab.
117	promazine/
118	117 use emez
119	promazine/
120	119 use mesz, prem
121	promazine/
122	121 use psych
123	(promazin\$1 or alofen\$1 or alophen\$1 or ampazin\$1 or amprazim\$1 or contractyl or delazin\$1 or esparin\$1 or lete or liranol\$1 or neo hibernex or neuroplegil\$1 or piarin\$1 or prazin\$1 or pro tan or promantin\$1 or promanyl\$1 or promilen\$1 or promwill or protactil\$1 or protactyl\$1 or romthiazin\$1 or romtiazin\$1 or sediston\$1 or sinophenin\$1 or sparín\$1 or tomil or varophen\$1 or verophen\$1).ti,ab.
124	quetiapine/
125	124 use emez
126	quetiapine/
127	126 use psych
128	(quetiapin\$1 or ketipinor or quepin or seroquel or tienapin\$1).ti,ab.

129	risperidone/
130	129 use emez
131	risperidone/
132	131 use mesz, prem
133	risperidone/ use psyh
134	(risperidon\$1 or belivon\$1 or ridal or riscalin or risolept or rispen or risperdal\$1 or sizodon).ti,ab.
135	sertindole/
136	135 use emez
137	(sertindol\$1 or indole or serdolect or serlect).ti,ab.
138	sulpiride/
139	138 use emez
140	sulpiride/
141	140 use mesz, prem
142	sulpiride/
143	142 use psyh
144	(sulpirid\$1 or abilit or aiglonyl\$1 or arminol\$1 or bosnyl or deponerton\$1 or desisulpid\$1 or digton or dobren or dogmatil\$1 or dogmatyl or dolmatil\$1 or eglonyl or ekilid or equilid or guastil\$1 or isnamid\$1 or leboprid\$1 or levopraid or levosulpirid\$1 or meresa or miradol\$1 or modal or neogama or pontirid\$1 or psicocen\$1 or sulfirid\$1 or sulp\$1 or sulperid\$1 or sulpitil\$1 or sulpivert or sulpor or sulpyride or synedil\$1 or tepavil\$1 or vertigo meresa or vertigo neogama or vipral).ti,ab.
145	thiopropazine/
146	145 use emez
147	thiopropazine.sh.
148	147 use mesz, prem
149	thiopropazine.ti,ab.
150	thioridazine/
151	150 use emez
152	thioridazine/
153	152 use mesz, prem
154	thioridazine/
155	154 use psyh
156	(thioridazin\$ or aldazine or apothioridazine or calmaril or mallorol or malloryl or meleril or meleril or mellaril or mellerets or mellerette or melleretten or melleretten or melleril or melleryl or mellerzin or melzine or mepiozin or orsanil or ridazin or ridazine or rideril or sonapax or thiomed or thioradazine or thioridacine or thioridazide or thioridazineneurazpharm or thioridazine or thioril or thiosia or thiozine or thordazine or tioridazin or tioridazine).ti,ab.
157	trifluoperazine/
158	157 use emez
159	trifluoperazine/
160	159 use mesz, prem
161	trifluoperazine/
162	160 use psyh
163	(trifluoperazin\$1 or apotrifluoperazine\$1 or calmazin\$1 or dihydrochlorid\$1 or eskazin\$1 or eskazin\$1 or eskazinyl or fluoperazin\$1 or flupazin\$1 or jatroneural\$1 or modalina or stelazin\$1 or terfluzin\$1 or terfluzin\$1 or trifluoperazid\$1 or trifluoperazin\$1 or trifluoperzin\$1 or trifluoroperazin\$1 or trifluorperacin\$1 or trifluperazin\$1 or triflurin\$1 or triftazin\$1 or triftazinum or triphthazin\$1 or triphthasin\$1 or triphthazin\$1).ti,ab.
164	ziprasidone/
165	164 use emez
166	ziprasidone/
167	166 use mesz, prem
168	(ziprasidone\$ or geodon or zeldox or zeldrox or zipsydon).ti,ab.

169	zotepine/
170	169 use emez
171	(zotepin\$1 or lodopin\$1 or losizopilon or nipolept or setous or zoleptil).ti,ab.
172	clopenthixol/
173	172 use emez
174	clopenthixol/
175	174 use mesz, prem
176	(zuclopenthixol\$1 or acuphase or clopenthixol\$1 or clopixol or cisordinol\$1 or sedanxol\$1).ti,ab.
177	or/2,4,6-7,9-10,12,14-15,17-18,20,22,24-25,27,29,31-32,34,36,38-39,41,43-44,46,48,50-51,53,55-56,58,60,62-63,65,67-68,70,72,74-75,77,79-80,82,84-85,87,89,91-92,94-95,97,99,101-102,104,106,108-109,111,113,115-116,118,120,122-123,125,127-128,130,132,133-134,136-137,139,141,143-144,146,148-149,151,153,155-156,158,160,162-163,165,167-168,170-171,173,175-176

Benzodiazepines

#	Searches
1	exp benzodiazepine derivative/
2	1 use emez
3	exp benzodiazepines/
4	3 use mesz, prem
5	exp benzodiazepines/
6	5 use psych
7	benzo\$.ti,ab.
8	alprazolam/
9	8 use emez
10	alprazolam/
11	10 use mesz, prem
12	alprazolam/
13	12 use psych
14	(alprazolam or alprox or apo alpraz or apoalpraz or aprazolam\$1 or cassadan\$1 or esparon\$1 or helex or kalma or novo alprazol\$1 or novoalprazol\$1 or nu alpraz or nualpraz or ralozam or solanax or tafil\$1 or frankimazin\$1 or valeans or xanax or xanor).tw.
15	bromazepam/
16	15 use emez
17	bromazepam/
18	17 use mesz, prem
19	(bromazepam or anxyrex or bartul or bromalich or bromaz pharma or bromazanyl\$1 or bromazep von ct or durazanyl\$ or lectopam\$1 or lexamil\$1 or lexatin\$1 or lexaurn\$1 or lexilium or lexomil\$1 or lexotan\$1 or lexotanyl\$1 or lexotanyl\$1 or normoc or sintrogel\$1).ti,ab.
20	chlordiazepoxide/
21	20 use emez
22	chlordiazepoxide/
23	22 use mesz, prem
24	chlordiazepoxide/
25	24 use psych
26	(chlordiazepoxid\$1 or methaminodiazepoxid\$1 or elenium\$1 or librium\$1 or chlozepid\$1 or ansiacal\$1 or benzodiapin\$1 or cebrum\$1 or chlordiazepoxyd\$1 or chlorodiazepoxid\$1 or clopoxid\$1 or contol\$1 or decacil\$1 or defobin\$1 or disarim\$1 or dizepin\$1 or dopoxid\$1 or droxol\$1 or eden psych or elenium\$1 or elenum\$1 or equibral\$1 or kalmocaps or labican\$1 or librelease or libritabs or librium or lipoxide or mesural\$1 or metaminodiazepoxid\$1 or methaminodiazepoxid\$1 or mildmen\$1 or mitran\$1 or multum\$1 or murcil\$1 or napoton\$1 or napoton\$1 or novosed\$1 or psichial\$1 or psicosan\$1 or psicoterin\$1 or radepur or reliberan\$1 or repositans or risolid or seren vita or servium or silibrin\$1 or sk lygen or sonimen\$1 or timosin\$1

	or viansin\$1 or viopsicol\$1).ti,ab.
27	clobazam/
28	27 use emez
29	(clobazam or chlorepin\$1 or clobazepam or clorepin\$1 or frisium or noiafren\$1 or urbadan\$1 or urbanil\$1 or urbanyl).ti,ab.
30	clonazepam/
31	30 use emez
32	clonazepam/
33	32 use mesz, prem
34	clonazepam/
35	34 use psyh
36	(clonazepam or antelepsin\$1 or clonopin\$1 or iktorivil\$1 or klonazepam or klonopin\$1 or landsen\$1 or rivotril\$1).ti,ab.
37	clorazepate\$.sh.
38	37 use emez
39	clorazepate dipotassium/
40	39 use mesz, prem
41	(clorazepat\$1 or carboxylic acid or chlorazepat\$1 or chloroazepat\$1 or clorazepic acid or tranxen\$1 or tranxilium).ti,ab.
42	delorazepam/
43	42 use emez
44	(delorazepam or briantum\$1 or chlordemethyl diazepam or chlordesmethyl diazepam or chloro n demethyl diazepam or chlorodemethyl diazepam or chlorodesmethyl diazepam or chloronordiazepam).ti,ab.
45	diazepam/
46	45 use emez
47	diazepam/
48	47 use mesz, prem
49	diazepam/
50	49 use psyh
51	(diazepam or alupram or ansiolin\$1 or antenex or apaurin\$1 or apaurin\$1 or apozepam or assival\$1 or audium\$1 or bialzepam or bialzegan\$1 or calmpos\$1 or cercin\$1 or cersin\$1 or chlordiazepam or dialar or diastat or diazelium or diazemuls or diazidem or ducen\$1 or duxen\$1 or eridan or eurosan\$1 or evacalm\$1 or fanstan\$1 or faustan\$1 or gewacalm\$1 or lamra or lembrol\$1 or lipodiazepam or lorinon\$1 or methyl diazepinon\$1 or methyl diazepinon\$1 or morosan\$1 or neocalm\$1 or neurolytril\$1 or noan or novazam or paceum or plidan or psychopax or relanium or 1 rimapam or sedapam or seduxen\$1 or serendin\$1 or setonil\$1 or sibazon\$1 or sonacon\$1 or stesolid\$1 or stesolin\$1 or tanquo tablinen\$ or tensium or tranimul\$1 or tranquo puren or umbrium\$1 or valaxon\$1 or valclair or valiquid\$1 or valium or valpam or valreleas\$ or vatan\$1 or vival\$1 or vivol or zetran\$1).ti,ab.
52	flunitrazepam/
53	52 use emez
54	flunitrazepam/
55	54 use mesz, prem
56	flunitrazepam/
57	56 use psyh
58	(flunitrazepam or flurazepam or fluridrazepam or darken\$1 or fluni 1a pharma or flunibeta or flunimerck or fluninoc or flunipam or flunita or flunitrax or flunizep von ct or hypnodorm\$1 or hypnosedon\$1 or inervon\$1 or narcozep or parnox or rohipnol\$1 or rohypnol\$1 or roipnol\$1 or silece or valsera).ti,ab.
59	flurazepam/
60	59 use emez
61	flurazepam/
62	61 use mesz, prem

63	flurazepam/
64	63 use psyh
65	(flurazepam or benozil\$1 or dalmadorm\$1 or dalman\$1 or dalmate or dormodor\$1 or lunipax or staurodorm\$1 or dalman\$1 or dormodor\$1 or dalmadorm\$1).ti,ab.
66	flutoprazepam/
67	66 use emez
68	(flutoprazepam or restas).ti,ab.
69	loprazolam/ use emez
70	loprazolam.ti,ab.
71	lorazepam/
72	71 use emez
73	lorazepam/
74	73 use mesz, prem
75	lorazepam/
76	75 use psyh
77	(lorazepam or almazin\$1 or alzapam or apolorazepam or ativan or bonatranquan\$1 or donix or duralozam or durazolam or idalprem or kendol\$1 or laubeel or lorabenz or loranas\$1 or loranz\$1 or lorans or lorax or lorazep von ct or loridem\$1 or lorivan\$1 or mesmerin\$1 or novo lorazem\$1 or novolorazem\$1 or novo lorazem\$1 or nu loraz or nuloraz or orfidal or orifadal\$1 or pro dorm or quait or securit or sedicepan\$1 or sinestron\$1 or somagerol\$1 or tavor or temesta or tolid or wypax).ti,ab.
78	lormetazepam/
79	78 use emez
80	(lormetazepam or loramet or (lorazepam adj2 methyl) or methyllorazepam or minians or minias or noctamid\$1 or pronoctan\$1).ti,ab.
81	mexazolam/
82	81 use emez
83	(mexazolam or melex or sedoxil\$1).ti,ab.
84	midazolam/
85	84 use emez
86	midazolam/
87	86 use mesz, prem
88	midazolam/
89	88 use psyh
90	(midazolam or dormicum or dormonid\$1 or hypnoval\$1 or hypnovel\$1 or hypnoyvel\$1 or versed).ti,ab.
91	nitrazepam/
92	91 use emez
93	nitrazepam/
94	93 use mesz, prem
95	nitrazepam/
96	95 use psyh
97	(nitrazepam or alodorm or atempol\$1 or benzalin\$1 or dormalon\$1 or dormo puren or dumolid or eatan or eunoctin\$1 or hypnotex or imadorm or imeson\$1 or insomin\$1 or mogadan\$1 or mogadon\$1 or nelbon\$1 or nirven\$1 or nitrazepam or nitrados or nitravet or nitrazadon\$1 or nitrazep or nitrodiazepam or novanox or pacisyn or radedorm\$1 or remnos or restorem\$1 or sedamon\$1 or serenade or somnased\$1 or somnibel\$1 n or somnit\$1).ti,ab.
98	oxazepam/
99	98 use emez
100	oxazepam/
101	100 use mesz, prem
102	oxazepam/
103	102 use psyh

104	(oxazepam or abboxapam or adumbran\$1 or alopam or anxiolit\$1 or azutranquil\$1 or durazepam or expidet\$1 or hilong or isodin\$1 or linbial\$1 or noctazepam or oxapuren\$1 or oxepam or praxiten\$1 or serax or serenid\$1 or serepax or seresta or serpax or sigacalm\$1 or sobril\$1 or tazepam\$1 or uskan).ti,ab.
105	prazepam/
106	105 use emez
107	prazepam/
108	107 use mesz, prem
109	(prazepam or centrax or demetrin\$1 or lysanxia or mono demetrin\$1 or monodemetrin\$1 or reepam or sedapran\$1 or verstran).ti,ab.
110	temazepam/
111	110 use emez
112	temazepam/
113	112 use mesz, prem
114	(temazepam or apo temazepam or dasuen or euhypnos or hydroxydiazepam or levanxol\$1 or methyloxazepam or nocturne\$1 or norkotral tema or normison\$1 or normitab or nortem or oxydiazepam or planum or pronervon t or remestan\$1 or restoril\$1 or signopam or temaz\$1 or temazep von ct or temazepax or temtabs or tenox or texapam).ti,ab.
115	or/2,4,6-7,9,11,13-14,16,18-19,21,23,25-26,28-29,31,33,35-36,38,40-41,43-44,46,48,50-51,53,55,57-58,60,62,64-65,67-68,69-70,72,74,76-77,79-80,82-83,85,87,89-90,92,94,96-97,99,101,103-104,106,108-109,111,113-114

Beta-blockers

#	Searches
1	exp beta adrenergic receptor blocking agent/
2	1 use emez
3	exp adrenergic betaantagonists/
4	3 use mesz, prem
5	exp adrenergic blocking drugs/
6	5 use psych
7	((beta adj3 (antagonist\$ or block\$)) or betaantagonis\$ or betablock\$ or (beta adj2 (adrenolytic\$ or antagonist\$ or antiadrenergic or sympathicolytic\$ or sympatholytic)) or betasympatholytic\$.ti,ab.
8	acebutolol\$.sh.
9	8 use emez
10	acebutolol/
11	10 use mesz, prem
12	(acebutolol\$1 or acetobutolol\$1 or apoacebutolol\$1 or espesil\$1 or monitan\$1 or neptal\$1 or neptall\$1 or novoacebutolol\$1 or prent or rhotral\$1 or sectral\$1).ti,ab.
13	alprenolol\$.sh.
14	13 use emez
15	alprenolol/
16	15 use mesz, prem
17	(alprenol\$1 or alfepral\$1 or alloprenalol\$1 or alpheprol\$1 or alprendol\$1 or alprenololum or apliobal\$1 or apllobal or aprenolol\$1 or aptia or aptin or aptine or aptindurile\$1 or aptondurile\$1 or aptin or aptol or astra or betacard or betapin\$1 or gubernal\$1 or patina or regletin or yobir).ti,ab.
18	atenolol\$.sh.
19	18 use emez
20	atenolol/
21	20 use mesz, prem
22	(atenol\$1 or atenigran\$1 or beta adalat or blokium or co tenidon\$1 or diube or kalten or neotenol\$1 or normiten\$1 or ormidol\$1 or teneretic or tenif or tenoblock or tenolol\$1 or

	tenoretic or tenoret or tenoretic or tenormin\$1 or tensinor\$1).ti,ab.
23	betaxolol/
24	23 use emez
25	betaxolol/
26	25 use mesz, prem
27	(betaxolol\$1 or betaxon\$1 or betoptic or betoptim\$1 or kerlon\$1 or lokren or oxodal\$1).ti,ab.
28	bisoprolol/
29	28 use emez
30	bisoprolol/
31	30 use mesz, prem
32	(bisoprolol\$1 or cardicor or concor or emcor).ti,ab.
33	bupranolol/
34	33 use emez
35	bupranolol/
36	35 use mesz, prem
37	(bupranolol\$1 or betadrenol\$1 or ophptorenin\$1 or panimit).ti,ab.
38	butoxamine/
39	38 use emez
40	butoxamine.sh.
41	40 use mesz, prem
42	(butoxamin\$1 or butaxamin\$1 or butaxamin\$1 or butoxamid\$1).ti,ab.
43	carteolol/
44	43 use emez
45	carteolol/
46	45 use mesz, prem
47	(carteol\$1 or arteolol\$1 or arteoptic or arteoptik or carbonolol\$1 or cartrol\$1 or endak or endak mite or mikelan\$1 or ocupress teoptic).ti,ab.
48	carvedilol/
49	48 use emez
50	(carvedilol\$1 or carloc or coreg or dilatrend or dilbloc or dimiton\$1 or eucardic or eucardic or kredex or quarto).ti,ab.
51	celiprolol/
52	51 use emez
53	celiprolol/
54	53 use mesz, prem
55	(celiprolol\$1 or abecor or cardem or celectol\$1 or celipres or celipro or celol or cordiax or diethylurea or dilanorm or selector or selectol\$1).ti,ab.
56	dihydroalprenolol/
57	56 use emez
58	dihydroalprenolol\$1.sh.
59	58 use mesz, prem
60	dihydroalprenolol\$1.ti,ab.
61	esmolol/
62	61 use emez
63	(esmolol\$1 or brevibloc).ti,ab.
64	cyaniodopindolol/
65	64 use emez
66	iodocyanopindolol/
67	66 use mesz, prem
68	(iodocyanopindolol\$1 or icyp or i cyanopindolol\$1 or cyaniodopindolol\$1).ti,ab.
69	labetalol/
70	69 use emez
71	labetalol/

72	71 use mesz, prem
73	(labetalol\$1 or albetol\$1 or apolabetalol\$1 or dilevalol\$1 or labetolol\$1 or normodyn\$1 or presolol\$1 or trandate).ti,ab.
74	levobunolol/
75	74 use emez
76	levobunolol/
77	76 use mesz, prem
78	(levobunolol\$1 or ak beta or akbeta or albetol\$1 or apolevobunolol\$1 or betagan\$1 or bunolol\$1 or ibidomid\$1 or lamitol\$1 or liquifilm or normodyn\$1 or novo levobunolol\$1 or novolevobunolol\$1 or pmslevobunolol\$1 or presdate or trandate or ultracortenol\$1 or vistagan\$1).ti,ab.
79	metipranolol/
80	79 use emez
81	metipranolol/
82	81 use mesz, prem
83	(metipranolol\$1 or beta ophthiol\$1 or betaman\$1 or betamet or betanol\$1 or betanolol\$1 or disorat or glaulin\$1 or methypranol\$1 or minims or ophthiol\$1 or optipranolol\$1 or trimepranol\$1).ti,ab.
84	metoprolol\$.sh.
85	84 use emez
86	metoprolol/
87	86 use mesz, prem
88	(metoprolol\$1 or beloc durile\$1 or belocdurile\$1 or belok zok or betaloc or betalocastra or betalok or corvitol or lopres?or or metropolol\$1 or minax or metrol or neobloc or presolol or seloke?n\$1 or spesicor or spesikor or toprolxl).ti,ab.
89	nadolol/
90	89 use emez
91	nadolol/
92	91 use mesz, prem
93	(nadolol\$1 or altinadolol or anabet or aponadol or betadol\$1 or corgard or corzide or novonadolol or propanol\$1 or solgol\$1).ti,ab.
94	nebivolol/
95	94 use emez
96	(nebivolol\$1 or bystolic or lobivon\$1 or narbivolol\$1 or nebilet or nebilong or nebicard or nebilet or nebilox or nodon or nubeta or symbian).ti,ab.
97	oxprenolol/
98	97 use emez
99	oxprenolol/
100	99 use mesz, prem
101	(oxprenol\$1 or captol or corbeton or cordexol\$1 or coretal\$1 or koretal\$1 or laracor or oxtrenolol\$1 or oxyprenolol\$1 or slowpren or tevacor or tras?cor or trasidex or trasitensin).ti,ab.
102	penbutolol/
103	102 use emez
104	penbutolol/
105	104 use mesz, prem
106	(penbutolol\$1 or betapressin\$1 or betapressin\$1 or blocotin\$1 or hostabloc or levatol\$1 or lobeta or paginol\$1 or penbutalol\$1).ti,ab.
107	pindolol/
108	107 use emez
109	pindolol/
110	109 use mesz, prem
111	(pindolol\$1 or betapindol\$1 or blockin l or blocklin l or calvisken\$1 or cardilate or carvisken\$1 or decreten\$1 or durapindol\$1 or glauco visken or hydroxypropylaminopropoxyindol\$1 or pectobloc or pectoblock or pinbetol or pinolol lb 46 or prindolol\$1 or prindolol\$1 or

	prinodolol\$1 or pynastin or viskeen or visken\$1).ti,ab.
112	practolol/
113	112 use emez
114	practolol/
115	114 use mesz, prem
116	(practolol\$1 or cardiol or cordialina or dalzic or dl practolol\$1 or eraldin\$1 or practalol\$1 or praktol or praktolol\$1 or pralon or proctalol\$1 or teranol).ti,ab.
117	propranolol/
118	117 use emez
119	propranolol/
120	119 use mesz, prem
121	propranolol/
122	121 use psych
123	(propranolol\$1 or anaprilin\$1 or anaprilin\$1 or anaprylin\$1 or arcablock or authus or avlocardyl or bedranol\$1 or bepran\$1 or bercolol\$1 or beta neg or beta tablinen\$1 or beta timelet\$1 or betadipresan\$1 or betadren\$1 or betaneg or betaprol\$1 or betares or betaryl\$1 or cardinol\$1 or ciplar or corbeta or deralin\$1 or dexpropranolol\$1 or dideral\$1 or dociton\$1 or durabeton\$1 or efektolol\$1 or elbrol\$1 or frekven\$1 or ikopal\$1 or inderal\$1 or inderex or indobloc or innopropran\$1 or ipran or l propranolol\$1 or lederpronol\$1 or levopropranolol\$1 or naprilin\$1 or obsidian\$1 or obsin or obzidan or prandol\$1 or prano puren or pranopuren\$1 or prolol\$1 or pronovan\$1 or propabloc or propal\$1 or propercuten\$1 or prophylux or propra ratiopharm or propral\$1 or propranur\$1 or proprasylyt or proprasylyt\$1 or rexigen or sagittol\$1 or stapranolol\$1 or sumial\$1).ti,ab.
124	sotalol/
125	124 use emez
126	sotalol/
127	126 use mesz, prem
128	(sotalol\$1 or darob or beta cardon\$1 or betacardon\$1 or betade\$1 or betapace or bonpro or corsotalol\$1 or darob or dexsotalol\$1 or dextrosotalol\$1 or gilucor\$1 or isotalol\$1 or levosotalol\$1 or l sotalol\$1 or rentibloc or rotalol\$1 or satalol\$1 or satolol\$1 or sotabeta or sotacol\$1 or sotacor or sotahexal\$1 or sotalex or sotalol or sotapor\$1 or sota saar or sotastad or achytalol\$1).ti,ab.
129	timolol/
130	129 use emez
131	timolol/
132	131 use mesz, prem
133	(timolol\$1 or betim or betimol\$1 or blocadren\$1 or istalol\$1 or moducren\$1 or optimal\$1 or prestim or propanol\$1 or timacar or timoptic or timoptol\$1).sh,tw.
134	or/2,4,6-7,9,11-12,14,16-17,19,21-22,24,26-27,29,31-32,34,36-37,39,41-42,44,46-47,49-50,52,54-55,57,59-60,62-63,65,67-68,70,72-73,75,77-78,80,82-83,85,87-88,90,92-93,95-96,98,100-101,103,105-106,108,110-111,113,115-116,118,120,122-123,125,127-128,130,132-133

Central stimulant agents

#	Searches
1	exp central stimulant agent/
2	1 use emez
3	exp central nervous system stimulants/
4	3 use mesz, prem
5	exp cns stimulating drugs/
6	5 use psych
7	(analeptic\$ or psychostimulant\$ or stimulant\$).ti,ab.
8	atomoxetine/
9	8 use emez

10	atomoxetine/
11	10 use mesz, prem
12	(atomoxetin\$ or recit or strattera or tomoxetine).ti,ab.
13	amfebutamone/
14	13 use emez
15	bupropion/
16	15 use mesz, prem
17	bupropion/
18	17 use psyh
19	(bupropion or amfebutamone or aplenzin or buprion hydrochloride or bupropin or bupropion or buxom or odranal or quomen or wellbatrin or wellbutrin or zyban or zyntabac).ti,ab.
20	dexamphetamine/
21	20 use emez
22	dextroamphetamine/
23	22 use mesz, prem
24	dextroamphetamine/
25	24 use psyh
26	(dexamphetamin\$ or afatin or afettine or albemap or amfetasul or amitrene or amphedrine or amphetamine salts or amphex or amsustain or ardex or betafedrina or betaphedrine d or biphetamine or carboxyphen or curban or d amfetasul or d amphetamine or d amphetamine sulphate or d ate or d beta phenylisopropylamine or dadex or daprisal or dephadren or dexadrine or dexaline or dexalme or dexalone or dexamed or dexamfetamine or dexampex or dexamphethamine or dexamphoid or dexamyl or dexaspan b or dexeamphetamine or dexedrine or dexoval or dextro amphetamine or dextroamphetamine or dextrostat or diocarb or domafate or doxedrine or durophet or dynaphenyl or evrodex or ferndex or hetamine or mas xr or obesedrin or obesonil or oxydess or phetadex or sympamin\$).ti,ab.
27	(levoamphetamine or levo amphetamin or levamfetamine).ti,ab.
28	(lisdexatroamphetamine or lis dexatroamphetamine).ti,ab.
29	methylphenidate/
30	29 use emez
31	methylphenidate/
32	31 use mesz, prem
33	methylphenidate/
34	33 use psyh
35	(methylfenidate or attenta or centedrin or concerta or daytrana or dexmethylphenidate or equasym or focalin or medikinet or metadata or methyl phenidate or methylin or methylphenidate or methylphenidylacetate or methylphenindate or methylphenidate or methypatch or penid or phenidyl hydrochloride or phenidylate or ritalin\$ or ritaphen or rubifen or tranquilyn or tsentedrin).ti,ab.
36	modafinil/
37	36 use emez
38	(modafinil or alertec or attenace or benzhydrysulfinylacetamide or modasomil or modavigil or modiodal or provigil or sparlon or vigicer or vigil).ti,ab.
39	pemoline/
40	39 use emez
41	pemoline/
42	41 use mesz, prem
43	pemoline/
44	43 use psyh
45	(pemolin\$1 or aturgyl delta or azoxodone or betanamin or ceractiv or cyclert or cylert or deltamine or dynalert or fenoxazol or hyperilex or hyton or kethamed or pemadd or pemolert or phenoxazole or phenylisohdantoin or pioxol or ronyl or tradon or volital).ti,ab.
46	or/2,4,6-7,9,11-12,14,16,18-19,21,23,25-28,30,32,34-35,37-38,40,42,44-45
47	diphenhydramine/

48	47 use emez
49	exp diphenhydramine/
50	49 use mesz, prem
51	diphenhydramine/
52	51 use psyh
53	(diphenhydramin\$ or alledryl or allerdryl or allergical or allergina or amidryl or bagodryl or banaril or beldin or belix or benadril or benadrin or benadryl or benadyl or benapon or benhydramin or benocten or benodin or benodine or benylan or benylin or benzhydramine or broncho d or caladryl or carphenamine or carphenex or cathejell or compoz or dermistina or desentol or dibadorm n or dibendrin or dibenil or dibondrin or dibrondrin or difenhydramin or difenhydramine or dihedral or dimedrol or dimedryl or dimidril or dimiril or diphantine or diphedryl or diphen or diphenacen or diphendramine or diphenhydramide or diphenydramin\$ or diphenylhydramin\$ or dobacen or dryhistan or dytan or emesan or histergan or hydramine or hyrexin or ibiodral or medidryl or neosynodorm or nytol or reisegold or resmin or restamin or sediat or sedryl or silphen or sleepeze or sominex or syntedril or trux-adryl or tzoali or unisom sleepgels or valdrene or valu-dryl or venasmin or vertirosan or vilbin or wehdryl or ziradryl).ti,ab.
54	guanfacine/
55	54 use emez
56	guanfacine monohydrochloride/
57	56 use mesz, prem
58	(guanfacin\$ or estulic or guanidine or tenex).ti,ab.
59	lithium\$.sh.
60	59 use emez
61	lithium\$.sh.
62	61 use mesz, prem
63	lithium\$.sh.
64	63 use psyh
65	(lithium\$ or camcolit or candamid\$ or carbolith or carbolitium or cibalith s or contemnoI\$ or dilithium or eskalith or hypnorex or li salt or limas or linthane or liskonium or liskonum or litarex or lithane or lithiofor or lithionit or lithiophor or lithobid or lithocarb or lithonate or lithotabs or maniprex or mesin or micalith or neurolepsin or neurolithium or plenur or priadel or quilinormretard or quilonorm or quilonum or teralithe or theralite or theralithe lp).tw.
66	naltrexone/
67	66 use emez
68	naltrexone/
69	68 use mesz, prem
70	naltrexone/ use psyh
71	(naltrexon\$ or antaxone or antaxone or celupan or celupan or nalerona or nalorex or naltrel or naltrexone or nemexin or nodict or nutrexon or phaltrexia or regental or revez or revia or re-via or trexan or vivitrex or vivitrol).ti,ab.
72	or/48,50,52-53,55,57-58,60,62,64-65,67,69,70-71
73	or/46,72

2.4 Alternative interventions

Embase, MEDLINE, PreMEDLINE, PsycINFO – OvidSP

#	Searches
1	alternative medicine/
2	1 use emez
3	complementary therapies/
4	3 use mesz, prem
5	alternative medicine/
6	5 use psych
7	((alternative or complement\$) adj2 (medicine\$ or interven\$ or therap\$ or treat\$)).ti,ab.
8	or/2,4,6-7
9	exp manipulative medicine/
10	9 use emez
11	reflexotherapy/ or therapeutic touch/ or exp musculoskeletal manipulations/
12	11 use mesz, prem
13	massage/
14	13 use psych
15	(acupressure or acu pressure or acu touch or acutouch or alexander technique or jin shin or massage or myofascial release or myotherapy or polarity therapy or reflexology or rolfing or shiatsu or therapeutic touch or trager psychophysical or ((craniosacral or neuromuscular or neuro muscular or reflex) adj2 therapy) or ((feldenkrais or hakomi or mitchell) adj method) or (pfrimmer adj2 therapy)).ti,ab.
16	or/10,12,14-15
17	exp kinesiotherapy/ or meditation/
18	17 use emez
19	breathing exercises/ or buddhism/ or meditation/ or mind body therapies/ or tai ji/ or therapeutic touch/ or yoga/
20	19 use mesz, prem
21	exp buddhism/ or meditation/ or yoga/
22	21 use psych
23	(chikung or chi kung or chundosunbup or kriya or kundalini or qigong or qi gong or meditat\$ or mindfulness or mind body or pranayama or reiki or sudarshan or taichi or tai chi or tai ji or tai ji quan or taiji or taijiquan or t ai chi or vipassana or yoga or yogic or zen).ti,ab.
24	or/18,20,22-23
25	relaxation training/
26	25 use emez
27	relaxation/ or relaxation therapy/
28	27 use mesz, prem
29	relaxation/ or exp relaxation therapy/
30	29 use psych
31	(relaxation or ((autogen\$ or relax\$) adj5 (apply or applied or analy\$ or approach\$ or assist\$ or coach\$ or educat\$ or help\$ or imagery or instruct\$ or interven\$ or learn\$ or manag\$ or modif\$ or program\$ or psychoanaly\$ or psychotherap\$ or seminar\$ or strateg\$ or support\$ or teach\$ or technique\$ or therap\$ or train\$ or treat\$ or workshop\$ or work shop\$)) or relaxed state or ((breath\$ or movement or respirat\$ or relax\$) adj2 (exercis\$ or interven\$ or physiotherap\$ or technique\$ or therap\$ or train\$)) or ((control?ed or deep) adj breathing)).ti,ab.
32	or/26,28,30-31
33	art therapy/ or music therapy/ or occupational therapy/ or psychodrama/ or role playing/
34	33 use emez
35	acoustic stimulation/ or art therapy/ or music therapy/ or occupational therapy/ or exp psychodrama/ or sensory art therapies/
36	35 use mesz, prem

37	art therapy/ or creative arts therapy/ or music therapy/ or play therapy/ or psychodrama/ or occupational therapy/ or recreation therapy/ or role playing/ or role playing games/
38	37 use psych
39	(craft\$ or creativ\$ or drama or expressive or improvi?ation or music\$ or occupation\$ or (performance adj2 art\$) or play or psychodrama\$ or recreation\$ or roleplay or theatre or theatrical or ((acoustic\$ or art\$ or auditor\$) adj5 (activit\$ or educat\$ or help\$ or instruct\$ or interven\$ or learn\$ or module\$ or network\$ or opportunit\$ or program\$ or psychoanaly\$ or psychotherap\$ or rehab\$ or skill\$ or support\$ or teach\$ or technique\$ or therap\$ or train\$ or treat\$ or work or workshop\$ or work shop\$))).ti,ab.
40	or/34,36,38-39
41	or/8,16,24,32,40

2.5 Physical interventions

Embase, MEDLINE, PreMEDLINE, PsycINFO - OvidSP

#	Searches
1	exp exercise/ or exp sport/
2	1 use emez
3	exp exercise/ or exp sports/
4	3 use mesz, prem
5	exp exercise/ or exp sports/
6	5 use psych
7	(active living or a?robic\$ or bicycling or cycling or exercis\$ or (physical\$ adj3 (activit\$ or agil\$ or educat\$ or fitness\$)) or kinesiotherap\$ or kinesitherap\$ or movement therap\$ or running or sport\$ or swimming or walking or yoga).ti,ab.
8	or/2,4,6-7
9	exp diet/ or exp diet supplementation/ or food/ or exp food additive/ or exp vitamin/
10	9 use emez
11	exp child behavior disorders/dh or diet/ or exp dietary supplements/ or exp food additives/ or exp vitamins/
12	11 use mesz, prem
13	diet/ or exp dietary supplements/ or food/ or food additives/ or exp vitamins/
14	13 use psych
15	(diet or dietary or (food adj2 additive\$) or nutrition\$).ti,ab.
16	exp fatty acid/ or fish oil/
17	16 use emez
18	exp fatty acids/ or exp fish oils/
19	18 use mesz, prem
20	exp fatty acids/
21	20 use psych
22	(dha or docosahexaeno\$ or efa or eicosapentaen\$ or epa or fatty acid\$ or icosapentaenoic or maxepa or (oil\$ adj6 (cod\$ or fish or marin\$)) or omega 3 or omega3).ti,ab.
23	iron/
24	23 use emez
25	iron/
26	25 use mesz, prem
27	iron/
28	27 use psych
29	iron.ti,ab.
30	zinc/
31	30 use emez
32	zinc/
33	32 use mesz, prem

34	zinc/
35	34 use psyh
36	zinc.ti,ab.
37	or/10,12,14-15,17,19,21-22,24,26,28-29,31,33,35-36
38	or/8,37

2.6 Case identification, diagnosis and assessment

C) Case identification

1. What concerns and behaviours (as expressed by the carer or exhibited by the child) should prompt any professional who comes into contact with a child or young person with a possible conduct disorder to consider referral for further assessment?
2. What are the most effective methods/instruments for case identification of conduct disorders in children and young people?
3. What amendments, if any, need to be made to the agreed methods for case identification to take into account:
 - demographics (for example, particular cultural or minority ethnic groups, or girls)
 - the environment in which case identification takes place (for example, social care, education)?

D) Diagnosis and assessment

1. In children and young people with a possible conduct disorder, what are the key components of, and the most effective structure for, a diagnostic assessment? To answer this question, consideration should be given to:
 - the nature and content of the interview and observation, which should both include an early developmental history where possible
 - formal diagnostic methods/ psychological instruments for the assessment of core features of conduct disorders
 - the assessment of risk
 - the assessment of need
 - the setting(s) in which the assessment takes place
 - gathering of independent and accurate information from informants
2. When making a diagnosis of a conduct disorder in children and young people, what amendments (if any) need to be made to take into account coexisting conditions (such as ADHD, depression, anxiety disorders and attachment insecurity)?
3. What amendments, if any, need to be made to take into account particular cultural or minority ethnic groups or sex?

2.6.1 Embase, MEDLINE, PreMEDLINE, PsycINFO – OvidSP

1	psychometry/ or questionnaire/ or rating scale/ or risk assessment/ or scoring system/ or screening test/ or "speech and language assessment"/ or screening/ or summated rating scale/
2	conduct disorder/di or exp diagnosis/ or oppositional defiant disorder/di or exp psychiatric diagnosis/
3	or/1-2 use emez
4	checklist/ or interview/ or interview, psychological/ or needs assessment/ or nursing assessment/ or "outcome and process assessment (health care)"/ or "outcome assessment (health care)"/ or exp personality assessment/ or "predictive value of tests"/ or exp psychiatric status rating scales/ or exp psychological tests/ or questionnaires/ or risk assessment/ or screening test/
5	child behavior disorders/di or conduct disorder/di or exp diagnosis/ or nursing diagnosis/
6	or/4-5 use mesz, prem
7	measurement/ or exp achievement measures/ or exp aptitude measures/ or attitude measurement/ or exp attitude measures/ or comprehension tests/ or exp intelligence measures/ or interviews/ or exp inventories/ or needs assessment/ or performance tests/ or exp personality measures/ or exp psychiatric evaluation/ or exp psychological assessment/ or psychometrics/ or exp questionnaires/ or exp rating scales/ or exp reading measures/ or exp retention measures/ or risk assessment/ or "scoring (testing)"/ or screening/ or exp screening tests/ or exp selection tests/ or sociometric tests/ or "speech and hearing measures"/ or standardized tests/ or subtests/ or symptom checklists/ or test scores/ or exp testing/ or testing methods/ or verbal tests/
8	exp diagnosis/
9	or/7-8 use psyh
10	di.fs. and (index or instrument\$ or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or scale\$ or score\$ or screen\$ or self report\$ or subscale\$ or survey\$ or tool\$ or test form\$).ti,ab.
11	10 use emez,mesz
12	(casefind\$ or (case adj (find\$ or identif\$)) or (formal\$ adj2 identif\$)).ti,ab.
13	((clinical or diagnos\$ or psychiatric or psychological) adj2 (assess\$ or screen\$)) or symptom scale\$).ti,ab.
14	((need\$ or risk\$) adj2 assess\$).ti,ab.
15	(risk\$ and assess\$ and (diagnos\$ or instrument\$ or interview\$ or inventor\$ or item\$1 or measur\$ or psychometr\$ or questionnaire\$ or scale\$ or score\$ or screen\$ or self report\$ or subscale\$ or sub\$ scale\$ or test form\$ or tool\$1)).ti,ab.
16	((instrument\$ or interview\$ or inventor\$ or item\$1 or measur\$ or psychometr\$ or questionnaire\$ or scale\$ or score\$ or screen\$ or self report\$ or subscale\$ or sub\$ scale\$ or test form\$ or tool\$1) adj5 ((conduct\$ adj2 (defian\$ or difficult\$ or disorder\$ or disturb\$ or problem\$)) or (oppositional adj3 (defiant\$ or disorder\$)) or (child\$ adj3 (behav\$ or conduct\$)) or (behav\$ adj2 (agnostic or challeng\$ or dangerous or destructive or difficult\$ or disorder\$ or disrupt\$ or disturb\$ or externali\$ or problem\$)))) and (adolescn\$ or boy\$1 or child\$ or delinquen\$ or girl\$1 or graders or infant\$ or junior\$1 or juvenile\$ or kindergarten or minors or p?ediatric\$ or postpubert\$ or postpubescen\$ or preadolescen\$ or prepubert\$ or prepubescen\$ or preschool\$ or preteen\$ or pubert\$ or pubescen\$ or school\$ or teen\$ or toddler\$ or (young\$ adj (people or person\$ or patient\$ or population\$)) or youngster\$ or youth\$1)).ti,ab.
17	((assess\$ or detect\$ or diagnos\$ or identif\$ or predict\$ or psychodiagnos\$ or screen\$) adj5 (index or instrument\$ or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or scale\$ or score\$ or screen\$ or self report\$ or subscale\$ or survey\$ or tool\$ or test form\$)).ti,ab.
18	((assess\$ or detect\$ or diagnos\$ or identif\$ or predict\$ or psychodiagnos\$ or screen\$) adj5 ((conduct\$ adj2 (defian\$ or difficult\$ or disorder\$ or disturb\$ or problem\$)) or (oppositional adj3 (defiant\$ or disorder\$)) or (child\$ adj3 (behav\$ or conduct\$)) or (behav\$ adj2 (agnostic or challeng\$ or dangerous or destructive or difficult\$ or disorder\$ or disrupt\$ or disturb\$ or externali\$ or problem\$)))) and (adolescn\$ or boy\$1 or child\$ or delinquen\$ 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 toddler\$ or (young\$ adj (people or person\$ or patient\$ or population\$)) or youngster\$ or youth\$1)).ti,ab.
19	((conduct\$ adj2 (defian\$ or difficult\$ or disorder\$ or disturb\$ or problem\$)) or (oppositional adj3 (defiant\$ or disorder\$)) or (child\$ adj3 (behav\$ or conduct\$)) or (behav\$ adj2 (agnostic or challeng\$ or dangerous or destructive or difficult\$ or disorder\$ or disrupt\$ or disturb\$ or externali\$ or problem\$))) and (adolescenc\$ or boy\$1 or child\$ or delinquen\$ 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 toddler\$ or (young\$ adj (people or person\$ or patient\$ or population\$)) or youngster\$ or youth\$1) and (assess\$ or detect\$ or diagnos\$ or identifi\$ or predict\$ or psychodiagnos\$ or screen\$) and (index or instrument\$ or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or scale\$ or score\$ or screen\$ or self report\$ or subscale\$ or survey\$ or tool\$ or test form\$)).ti,ab.
20	((achenbach system adj2 empirically based assessment\$) or aseba or ((adjustment scales adj2 children adj2 adolescent) or assca) or (adolescent symptoms inventor\$ or asi 4 or asi4) or ((becker or bipolar) adj adjective checklist\$) or (behavio?ral assessment system adj2 children) or behavioral style quest\$ or (caregiver teacher report\$ form or ctrf or c trf) or carey temperament scale\$ or child behavio?r checklist\$ or child behavio?r questionnaire\$ or (children adj2 adolescent functional assessment scale\$) or (children symptom inventor\$ or csi4 or csi 4) or (conduct disorder rating scale\$ or cdrs) or conduct disorders scale\$ or (conner\$ rating scale\$ or crsr or crs r) or (conners well adolescent or cass l) or ((development adj2 well being assessment) or dawba) or ((diagnostic interview adj2 children adj2 adolescents) or dicaiv or dica iv) or (disruptive behaviour rating scale\$ or dbrs) or dominic r or (early childhood inventor\$ or eci4 or eci 4) or (early infant temperament quest\$ or eitq) or ((eyberg checklist behav\$ inventor\$) or ecbi) or (eyberg child behaviour inventory or ecbi) or global appraisal of individuals needs or home situation questionnaire\$ or (middle childhood temperament quest\$ or mctq) or ((minnesota multiphasic personality inventor\$ adj2 adolescents) or mmmpi a) or nichq vanderbilt assessment scale\$ or ((nimh diagnostic interview schedule\$ adj2 children) or nimh disc iv) or ((pictorial instrument adj2 children adj2 adolescents adj2 iii) or pica iii r) or (revised behavio?r problems checklist\$ or rbpc) or (revised infant temperament quest\$ or ritq) or (reynolds adolescent adjustment screening inventor\$ or raasi) or ((schedule adj2 affective disorders adj2 schizophrenia adj2 school age children) or k sads pl or ksadspl) or schools situation questionnaire\$ or (semi structure clinical interview\$ or scica) or (social skills rating system or ssrs) or ((strength\$ adj2 difficult\$ adj2 questionnaire\$) or sdq) or (sutte eyberg student behavio?r inventor\$ or sesbi) or (sutter eyberg student behavior inventory revised or sesbi r) or toddler temperament scale\$ or youth self report or ((bac or basc or bsq or cbcl or cbq or cds or cts or hsq or ssq or tts or yrs) adj3 (index or instrument\$ or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or scale\$ or score\$ or screen\$ or self report\$ or subscale\$ or survey\$ or tool\$ or test form\$)).ti,ab.
21	or/3,6,9,11-19
22	"area under the curve"/ or predictive validity/ or receiver operating characteristic/ or reliability/ or "sensitivity and specificity"/ or test retest reliability/ or validity/
23	22 use emez
24	"area under curve"/ or "predictive value of tests"/ or "reproducibility of results"/ or roc curve/ or "sensitivity and specificity"/ or validation studies/
25	24 use mesz, prem
26	test reliability/ or test validity/
27	26 use psych
28	(accurac\$ or accurat\$ or area under curve or auc value\$ or (diagnostic adj2 odds ratio\$) or likelihoodadj3 ratio\$ or (predict\$ adj3 value\$) or ((pretest or pre test or posttest or post test) adj2 probabilit\$) or receiver operating characteristic or (roc adj2 curv\$) or reliabil\$ or sensititiv\$ or specificit\$ or valid\$).tw.
29	or/23,25,27-28
30	(21 and 29) or 20

2.6.2 AEI, BEI, ERIC, SSA, Sociological Abstracts, ASSIA, IBSS – ProQUEST

s1	all(instrument* or interview* or inventor* or item* or measur* or psychometr* or questionnaire* or scale* or score* or screen* or self report* or subscale* or sub* scale* or test form* or tool* or assess* or detect* or diagnos* or identif* or predict* or psychodiagnos* or screen* or casefind* or "case find*" or "case identif*" or "formal identif*")
s2	all(accurac* or accurat* or "area under curve" or "auc value*" or diagnostic near/2 "odds ratio*" or likelihood near/3 ratio* or predict* near/3 value* or "receiver operating characteristic" or roc near/2 curv* or reliabil* or sensitiv* or specificit* or valid* or pretest near/2 probabilit* or "pre test" near/2 probabilit* or posttest near/2 probabilit* or "post test" near/2 probabilit*
s3	S1 and S2

2.7 Service user experience

G) Experience of care

For children and young people with a conduct disorder, what can be done to improve the experience of the disorder, and the experience of care?

2.7.1 Embase, MEDLINE, PreMEDLINE, PsycINFO – OvidSP Search #1

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, 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 psyh
7	(qualitative\$ or ethno\$ or emic or etic or heuristic or semiotics).ti,ab.
8	((focus\$ or structured) adj2 interview\$).ti,ab.
9	((audio or tape or video\$) adj5 record\$) or audiorecord\$ or taperecord\$ or videorecord\$ or videotap\$).ti,ab.
10	(story or stories or storytell\$ or story tell\$).ti,ab.
11	testimon\$.ti,ab.
12	((focus adj4 (group\$ or sampl\$)) or narrat\$ or ((life or lived) adj experience\$)).ti,ab.
13	((participant\$ or nonparticipant\$) adj3 observ\$).ti,ab.
14	(constant adj (comparative or comparison)).ti,ab.
15	(content analy\$ or (field adj (note\$ or record\$ or stud\$ or research)) or fieldnote\$).ti,ab.
16	(data adj1 saturat\$).ti,ab.
17	discourse analys?s.ti,ab.
18	(grounded adj (theor\$ or study or studies or research)).ti,ab.
19	(hermeneutic\$ or heidegger\$ or husserl\$ or colaizzi\$ or giorgi\$ or glaser or spiegelberg\$ or strauss).ti,ab.
20	(maximum variation or snowball).ti,ab.
21	(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 ((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. or (qualitative\$ and (metaanal\$ or meta anal\$ or synthes\$ or systematic review\$)).ti,ab,hw,pt.
22	purpos\$ sampl\$.ti,ab.
23	(structured categor\$ or unstructured categor\$).ti,ab.
24	((thematic\$ adj3 analys\$) or themes).ti,ab.
25	(theoretical sampl\$ or ricoeur or spiegelberg\$ or merleau).ti,ab.
26	(van kaam\$ or van manen or constant compar\$).ti,ab.
27	action research.ti,ab.
28	human science.ti,ab.
29	(critical social\$ or ethical enquiry or (pilot testing and survey) or shadowing or ((philosophical or social) adj research\$)).ti,ab.
30	or/2,4,6-29
31	health care survey/ or health survey/
32	31 use emez

33	health care surveys/ or exp health surveys/
34	33 use mesz, prem, prem
35	exp surveys/
36	35 use psych
37	(survey\$ or question\$).ti,ab.
38	exp attitude/ or exp patient acceptance of health care/ or exp patient attitude/ or patient-centered care/ or patient education/ or patient satisfaction/
39	38 use emez
40	exp attitude to health/ or exp patient acceptance of health care/ or patient-centered care/ or patient education/ or patient education handout/ or patient satisfaction/
41	40 use mesz, prem, prem
42	exp client attitudes/ or client education/ or exp consumer attitudes/ or exp health attitudes/ or exp patient attitude/ or patient-centered care/ or patient education/ or patient satisfaction/
43	42 use psych
44	(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.
45	(or/32,34,36-37) and (or/39,41,43-44)
46	((adult\$ or attender\$ or carer\$ or caregiver\$ or care giver\$ or client\$ or consumer\$ or customer\$ or famil\$ or father\$ or individual\$ or mentor\$ or mother\$ or patient\$ or people\$ or person\$ or teacher\$ or women or user\$ or adolescen\$ or boy\$1 or child\$ or delinquen\$ 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 toddler\$ 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.
47	((information adj (need\$ or requirement\$ or support\$)) or patient information).ti,ab.
48	(service\$ adj2 (acceptab\$ or unacceptab\$)).ti,ab.
49	or/30,45-48

2.7.2 Embase, MEDLINE, PreMEDLINE, PsycINFO – OvidSP

Search #2

1	(conduct\$ adj2 (defian\$ or difficult\$ or disorder\$ or disturb\$ or problem\$)).ti.
2	(oppositional adj3 (defiant\$ or disorder\$)).ti.
3	(child\$ adj3 (behav\$ or conduct\$)).ti.
4	(behav\$ adj2 (agnostic or challeng\$ or dangerous or destructive or difficult\$ or disorder\$ or disrupt\$ or disturb\$ or externali\$ or problem\$)).ti.
5	(adolescen\$ or boy\$1 or child\$ or delinquen\$ 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 toddler\$ or (young\$ adj (people or person\$ or patient\$ or population\$)) or youngster\$ or youth\$1).ti.
6	4 and 5
7	((adolescen\$ or boy\$1 or child\$ or delinquen\$ 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 toddler\$ or (young\$ adj (people or person\$ or patient\$ or population\$)) or youngster\$ or youth\$1) adj5 (aggressi\$ or angry or anger\$ or antisocial\$ or anti social\$ or asbo or asocial or bully\$ or bullie\$ or callous\$ or delinquen\$ or deviant\$ or (emotional adj (disturbance\$ or problem\$)) or hostile or hostility or psychopath\$ or shoplift\$ or shop lift\$ or steal\$ or temper\$1 or theft\$ or unemotional trait\$ or vandali\$ or violen\$ or (cruel\$ adj2 animal\$) or sex\$ offen\$ or ((social or unemotional) adj (difficult\$ or problem\$))).ti.
8	((adolescen\$ or boy\$1 or child\$ or delinquen\$ 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 toddler\$ or (young\$ adj (people or person\$ or patient\$ or population\$)) or youngster\$ or youth\$1) adj4 (assisted living or combined order\$ or convict\$ or correctional\$ or court\$ or crime\$ or criminal\$ or custod\$ or detention\$ or felon\$ or group home\$ or high security or incarcerat\$ or inmate\$ or in\$ mate\$ or jail\$ or justice\$ or offenc\$ or offender\$ or offending or penal or prison\$ or probation\$ or re offend\$ or recidivi\$ or rehabilitation cent\$)).ti.
9	((adolescen\$ or boy\$1 or child\$ or delinquen\$ 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 toddler\$ or (young\$ adj (people or person\$ or patient\$ or population\$)) or youngster\$ or youth\$1) adj4 (reincarcerat\$ or reoffend\$ or revocation or secure treatment or ((communit\$ or detain\$ or detention\$ or refer\$ or rehab\$ or suspen\$) adj2 order\$) or (community adj (service or sentenc\$)) or ((correction\$ or secure) adj3 (establishment\$ or facilit\$ or program\$ or setting\$)) or ((locked or secure) adj unit\$) or ((open or unlocked) adj unit\$) or residential)).ti.
10	(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.
11	(or/1-3,6-9) and 10

2.7.3 CINAHL – EBSCO HOST –Search #1

s47	s32 or s43 or s44 or s45 or s46
s46	ti (((service* n2 (acceptab* or unacceptab*)))) or ab (((service* n2 (acceptab* or unacceptab*))))
s45	ti ((((information n1 (need* or requirement* or support*)) or patient information))) or ab ((((information n1 (need* or requirement* or support*)) or patient information)))
s44	ti ((((adult* or attender* or carer* or caregiver* or "care giver*" or client* or consumer* or customer* or famil* or father* or individual* or mentor* or mother* or patient* or people* or person* or teacher* or women or user* or (adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or p?ediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert\$ or pubescen\$ or school* or teen* or toddler* 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 customer* or famil* or father* or individual* or mentor* or mother* or patient* or people* or person* or teacher* or women or user* or (adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or p?ediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* 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))))
s43	ti (#33 or #34) and (#35 or s36 or s37 or s38 or s39 or s40 or s41 or s42)
s42	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))
s41	(mh "consumer attitudes")
s40	(mh "consumer satisfaction")
s39	(mh "patient satisfaction")
s38	(mh "patient education (iowa nic) (non-cinahl)")
s37	(mh "patient education") or (mh "hiv education") or (mh "patient discharge education")
s36	(mh "patient centered care")
s35	(mh "attitude to health+")
s34	((survey* or question*)) or ab ((survey* or question*))
s33	(mh "surveys")
s32	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 or s21 or s22 or s23 or s24 or s25 or s26 or s27 or s28 or s29 or s30 or s31
s31	ti testimon* or ab testimon* or mw testimon*
s30	ti (((audio or tape or video*) and record*) or audiorecord* or taperecord* or videorecord* or videotap*) or ab (((audio or tape or video*) and record*) or audiorecord* or taperecord* or videorecord* or videotap*) or mw (((audio or tape or video*) and record*) or audiorecord* or taperecord* or videorecord* or videotap*)
s29	ti interview* or ab interview* or mw interview*
s28	ti (qualitative or ethno* or emic or etic or hermeneutic* or heuristic or semiotics or phenomenolog*) or ab (qualitative or ethno* or emic or etic or hermeneutic* or heuristic or semiotics or phenomenolog*) or mw (qualitative or ethno* or emic or etic or hermeneutic* or

	heuristic or semiotics or phenomenolog*)
s27	(mh "theoretical sample")
s26	(mh "purposive sample")
s25	(mh "observational methods+")
s24	(mh "methodological research")
s23	(mh "grounded theory")
s22	(mh "information processing (iowa noc)")
s21	(mh "focus groups")
s20	(mh "field studies")
s19	(mh "ethnonursing research")
s18	(mh "ethnological research")
s17	(mh "ethnography")
s16	(mh "ethnography")
s15	(mh "thematic analysis")
s14	(mh "content analysis")
s13	(mh "cluster analysis")
s12	(mh "discourse analysis")
s11	(mh "constant comparative method")
s10	(mh "attitude+")
s9	(mh "audiorecording")
s8	(mh "videorecording")
s7	ti (story or stories or storytell* or "story tell" or "story telling") or ab (story or stories or storytell* or "story tell" or "story telling") or mw (story or stories or storytell* or "story tell" or "story telling")
s6	(mh "narratives")
s5	(mh "life change events")
s4	(mh "life experiences")
s3	(mh "qualitative studies+")
s2	(mh "qualitative validity")
s1	(mh "phenomenology")

2.7.4 CINAHL – EBSCO HOST – Search #2

S6	S4 and s5
S5	s1 or s2 or s3
S4	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)
S3	ti ((((adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or p?ediatric* or postpubert* or postpubescen* or preadolescenc* or prepubert* or prepubescent* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* n1adj (people or person* or patient* or population*)) or youngster* or youth*) n5 (aggressi* or angry or anger* or antisocial* or "anti social*" or asbo or asocial or bully* or bullie* or callous* or delinquen* or deviant* or (emotional n1 (disturbance* or problem*)) or hostile or hostility or psychopath* or shoplift* or "shop lift*" or steal* or temper* or theft* or "unemotional trait*" or vandali* or violen* or (cruel* n2 animal*) or "sex* offen*" or ((social or unemotional) n1 (difficult* or problem*)))))) or ti ((((adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or p?ediatric* or postpubert* or postpubescen* or preadolescenc* or prepubert* or prepubescent* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* n1 (people or person* or patient* or population*)) or youngster* or youth*) n4 ("assisted living" or "combined order*" or convict* or correctional* or court* or crime* or criminal* or custod* or detention* or felon* or "group home*" or "high security" or incarcerat* or inmate* or "in* mate*" or jail* or justice* or offenc* or offender* or offending or penal or prison* or probation* or "re offend*" or recidivi* or "rehabilitation cent*")))) or ti ((((adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or p?ediatric* or postpubert* or postpubescen* or preadolescenc* or prepubert* or prepubescent* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* n1 (people or person* or patient* or population*)) or youngster* or youth*) n4 (reincarcerat* or reoffend* or revocation or "secure treatment" or ((communit* or detain* or detention* or refer* or rehab* or suspen*) n2 order*) or (community n1 (service or sentenc*)) or ((correction* or secure) n3 (establishment* or facilit* or program* or setting*)) or ((locked or secure) n1 unit*) or ((open or unlocked) n1 unit*) or residential))))
S2	ti (((behav* n2 (agnostic or challeng* or dangerous or destructive or difficult* or disorder* or disrupt* or disturb* or externali* or problem*)))) and ti (((adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or p?ediatric* or postpubert* or postpubescen* or preadolescenc* or prepubert* or prepubescent* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* n1 (people or person* or patient* or population*)) or youngster* or youth*))))
s1	ti (((conduct* n2 (defian* or difficult* or disorder* or disturb* or problem*)))) or ti (((oppositional n3 (defiant* or disorder*)))) or ti (((child* n3 (behav* or conduct*))))

3. Study design filters - all databases

3.1 Systematic review study design filters

3.1.1 Quantitative systematic review study design filter

Embase, MEDLINE, PreMEDLINE, PsycINFO - OvidSP

#	Searches
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 psyh
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 psyh
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

3.1.2 Qualitative systematic review study design filter

Embase, MEDLINE, PreMEDLINE, PsycINFO - OvidSP

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

3.1.3 Quantitative systematic review study design filter

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(("meta anal*" or "systematic overview" or "systematic review" or "systematic search"))
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3.1.4 Qualitative systematic review study design filter

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 "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	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

3.1.5 Quantitative systematic review study design filter

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”) and (review* or systematic*)))
#2	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))))
#3	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*)))
#4	#1 or #2 or #3

3.1.6 Qualitative systematic review study design filter

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

3.1.7 Quantitative systematic review study design filter

CINAHL - EBSCO HOST

#	query
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 "computeri?ed database*" or "online database*") or ab ("electronic database*" or "bibliographic database*" or "computeri?ed 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+")
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3.1.8 Qualitative systematic review study design filter

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

3.2 Reviews/surveys

3.2.1 Embase, MEDLINE, PreMEDLINE, PsycINFO - OvidSP

[appended with "service user experience focused search #2" - high spec]

1	(review\$.ti,ab,sh. or survey\$.ti,ab,hw.)
---	--

3.2.2 Reviews/surveys

CINAHL - EBSCO HOST

[appended with "service user experience focused search #2" - high spec]

1	ti survey* or ab survey* or mw survey* or ti review* or ab review* or mw review*
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3.3 Randomised controlled trial filters

3.3.1 Randomized controlled trial study design filter

Embase, MEDLINE, PreMEDLINE, PsycINFO – OvidSP

#	Searches
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)

3.3.2 Randomized controlled trial study design filter

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 ((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*))
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3.3.3 Randomized controlled trial study design filter

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*)))
----	--

3.4 Observational study filters

3.4.1 Observational study design filter

Embase, MEDLINE, PreMEDLINE, PsycINFO – OvidSP

#	Searches
1	exp case control study/ or cohort analysis/ or cross-sectional study/ or follow up/ or longitudinal study/ or observational study/ or prospective study/ or retrospective study/
2	1 use emez
3	exp case control studies/ or exp cohort studies/ or cross-sectional studies/ or epidemiologic studies/
4	3 use mesz, prem
5	(cohort analysis or followup studies or longitudinal studies or prospective studies or retrospective studies).sh,id. or (followup study or longitudinal study or prospective study or retrospective study).md.
6	5 use psych
7	((epidemiologic\$ or observational) adj (study or studies)).ti,ab.
8	(cohort\$1 or cross section\$ or crosssection\$ or followup\$ or follow up\$ or followed or longitudinal\$ or prospective\$ or retrospective\$).ti,ab.
9	(case adj2 (control or series)).ti,ab.
10	or/2,4,6-9

3.4.2 Observational study design filter

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(((epidemiologic* or observational) near/1 (study or studies)) or (cohort* or "cross section*" or crosssection* or followup* or "follow up*" or followed or longitudinal* or prospective* or retrospective*) or (case near/1 (control* or series)))
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