

APPENDIX 8: SEARCH STRATEGIES FOR THE IDENTIFICATION OF CLINICAL STUDIES

Each search was constructed using the groups of terms set out in the table below. The full set of search terms is documented in Sections 1 to 3.3.1. The selection of search terms was kept broad to maximise retrieval of evidence in a wide range of areas of interest to the GDG.

Summary of systematic search strategies: search strategy construction

Summary of systematic search strategies for clinical evidence					
Section 1					
Review area/s	Search type	Search construction	Study design searched	Databases searched	Date range searched
All review areas/RQs	Generic, evidence mapped to all review areas	Core/topic specific databases – generic search: [(population terms – version 1) AND (systematic review/RCT filter)] Grey literature databases – generic search: (population search terms only – version 1)	Systematic review, RCT	Core databases: Embase, MEDLINE, MEDLINE In-Process, PsycINFO Topic specific databases: AEI, AMED, ASSIA, BEI, CDSR, CENTRAL, CINAHL, DARE, ERIC, HTA, IBSS, Sociological Abstracts, SSA, SSCI – Web of Science Grey literature databases: HMIC, PsycBOOKS, PsycEXTRA	Systematic review: 1995 to May 2012 RCT: inception to May 2012
<i>Note:</i> Evidence resulting from generic searches mapped to all review areas.					

Section 2					
Review area/s	Search type	Search construction	Study design searched	Databases searched	Date range searched
At risk / treatment: RQ A1, RQ B1	Focused, supplements evidence retrieved from generic searches (indicated in Section 1)	Core databases- focused search: [(population terms - version 2) AND (at risk terms) AND (systematic review/RCT filter)] Topic specific databases - focused search: [(population terms - version 2) AND (at risk terms)]	Systematic review/RCT	Core databases: Embase, MEDLINE, MEDLINE In-Process, PsycINFO Topic specific databases: CENTRAL, CDSR, DARE, HTA	Systematic review: 1995 to May 2012 RCT: inception to May 2012
<i>Note:</i> Supplements systematic review/RCT evidence captured by generic searches indicated in Section 1.					
Section 3					
Review area/s	Search type	Search construction	Study design searched	Databases searched	Date range searched
Recognition / treatment: antipsychotic side effects. RQ B3	Focused, supplements evidence retrieved from generic searches (indicated in Section 1)	Core databases - focused search: [(population terms - version 1) AND (antipsychotic terms) AND (side effect terms) AND (OS filter)]	Observational studies	Core databases: Embase, MEDLINE, MEDLINE In-Process, PsycINFO	Inception to May 2012
<i>Note:</i> Supplements systematic review/RCT evidence captured by generic searches indicated in Section 1.					

STRATEGIES FOR THE IDENTIFICATION OF CLINICAL EVIDENCE

1 Population search terms - all databases

1.1 Version 1

1.1.1 STEM - Core databases

Embase, MEDLINE, MEDLINE In-Process, PsycINFO - Ovid SP

1	exp psychosis/ or thought disorder/
2	1 use emez
3	delusions/ or hallucinations/ or exp "schizophrenia and disorders with psychotic features"/ or schizophrenia, childhood/
4	3 use mesz, prem
5	auditory hallucinations/ or delusions/ or hallucinations/ or hypnagogic hallucinations/ or paranoia/ or exp psychosis/ or schizoaffective disorder/ or thought disturbances/ or visual hallucinations/
6	5 use psych
7	(delusion\$ or hallucinat\$ or hebephreni\$ or oligophreni\$ or paranoi\$ or psychotic\$ or psychosis or psychoses or schizo\$).ti,ab.
8	or/2,4,6-7
9	exp adolescence/ or exp adolescent/ or adolescent development/ or exp child/ or child development/ or exp childhood/ or disabled student/ or elementary student/ or high school student/ or high school/ or kindergarten/ or middle school student/ or middle school/ or exp newborn/ or nursery school/ or primary school/ or exp puberty disorders/ or school/ or student/
10	9 use emez
11	exp adolescent/ or adolescent development/ or exp child/ or exp child development/ or exp infant/ or minors/ or puberty/ or puberty, delayed/ or puberty, precocious/ or students/ or exp schools/
12	11 use mesz, prem
13	limit 8 to ((childhood or adolescence <13 to 17 years>) and (100 childhood or 120 neonatal or 140 infancy or 160 preschool age or 180 school age or 200 adolescence))
14	adolescent development/ or boarding schools/ or charter schools/ or exp child development/ or classmates/ or elementary schools/ or exp elementary school students/ or graduate schools/ or high school students/ or high schools/ or institutional schools/ or junior high school students/ or junior high schools/ or kindergarten students/ or kindergartens/ or middle schools/ or nongraded schools/ or nursery schools/ or exp preschool students/ or puberty/ or schools/ or special education students/ or students/ or vocational school students/
15	13 use psych
16	14 use psych
17	or/15-16
18	(adolescen\$ or child\$ or infan\$ or juvenile\$ or teen\$).hw.
19	(adolescen\$ or baby or babies or boy\$1 or child\$ or delinquen\$ or girl\$1 or graders or infant\$ or junior\$1 or juvenile\$ or kindergarten or minors or neonate\$ or newborn\$ or new born\$ or p?ediatric\$ or postpubert\$ or postpubescen\$ or prepubert\$ or prepubescen\$ or preschool\$ or preteen\$ or pubertal or puberty or puberties or pubescen\$ or school\$ or student\$ or teen\$ or toddler\$ or (young\$ adj2 (inpatient\$ or patient\$ or people\$ or person\$ or population\$)) or youngster\$ or youth\$1).tw.
20	or/10,12,17-19
21	8 and 20

1.1.2 STEM - topic specific databases

AMED – Ovid SP

1	delusions/ or hallucinations/ or psychotic disorders/ or schizophrenia/
2	(delusion\$ or hallucinat\$ or hebephreni\$ or oligophreni\$ or paranoi\$ or psychotic\$ or psychosis or psychoses or schizo\$).ti,ab.
3	1 or 2
4	adolescent/ or exp child/ or child development/ or education, special/ or exp infant/ or puberty/ or schools/ or students/
5	(adolescen\$ or child\$ or infan\$ or juvenile\$ or teen\$).hw.
6	(adolescen\$ or baby or babies or boy\$1 or child\$ or delinquen\$ or girl\$1 or graders or infant\$ or junior\$1 or juvenile\$ or kindergarten or minors or neonate\$ or newborn\$ or new born\$ or p?ediatric\$ or postpubert\$ or postpubescen\$ or prepubert\$ or prepubescen\$ or preschool\$ or preteen\$ or pubertal or puberty or puberties or pubescen\$ or school\$ or student\$ or teen\$ or toddler\$ or (young\$ adj2 (inpatient\$ or patient\$ or people\$ or person\$ or population\$)) or youngster\$ or youth\$1).tw.
7	or/4-6
8	3 and 7

1.1.3 STEM - topic specific databases

AEI, ASSIA, BEI, ERIC, IBSS, Sociological Abstracts, SSA - ProQUEST

s1	all (delusion* or hallucinat* or hebephreni* or oligophreni* or paranoi* or psychotic* or psychosis or psychoses or schizo*)
s1	all (delusion* or hallucinat* or hebephreni* or oligophreni* or paranoi* or psychotic* or psychosis or psychoses or schizo*)
s2	all (adolescen* or baby or babies or boy or boyhood or boys or child* or delinquen* or girl or girls or girlhood or graders or infant* or junior or juniors or juvenile* or kindergarten or minors* or neonate* or newborn* or "new born*" or paediatric* or pediatric* or postpubert* or postpubescen* or prepubert* or prepubescen* or preschool* or preteen* or pubertal or puberty or puberties or pubescen* or school* or teen or teens or teenage* or toddler* or (young* near/2 (inpatient* or patient* or people* or person* or population*)) or youngster* or youth*)
s3	s1 and s2

1.14 STEM - topic specific databases

CINAHL – EBSCO HOST

s19	s7 and s18
s18	s8 or s9 or s10 or s11 or s12 or s13 or s14 or s15 or s16 or s17
s17	ti ((adolescen* or baby or babies or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or neonate* or newborn* or "new born*" or paediatric* or pediatric* or postpubert* or postpubescen* or prepubert* or prepubescen* or preschool* or preteen* or pubertal or puberty or puberties or pubescen* or school* or student* or teen* or toddler* or (young* n2 (inpatient* or patient* or people* or person* or population*)) or youngster* or youth*)) or ab ((adolescen* or baby or babies or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or neonate* or newborn* or "new born*" or paediatric* or pediatric* or postpubert* or postpubescen* or prepubert* or prepubescen* or preschool* or preteen* or pubertal or puberty or puberties or pubescen* or school* or student* or teen* or toddler* or (young* n2 (inpatient* or patient* or people* or person* or population*)) or youngster* or youth*))
s16	mj (adolescen* or child* or infan* or juvenile* or teen*)
s15	(mh "schools") or (mh "schools, special") or (mh "schools, secondary") or (mh "schools,

	nursery") or (mh "schools, middle") or (mh "schools, elementary")
s14	(mh "students, disabled")
s13	(mh "child development: adolescence (12-17 years) (iowa noc)") or (mh "child development: middle childhood (6-11 years) (iowa noc)") or (mh "child development: 5 years (iowa noc)") or (mh "child development: 4 years (iowa noc)") or (mh "child development: 3 years (iowa noc)") or (mh "child development: 2 years (iowa noc)")
s12	(mh "students") or (mh "students, high school") or (mh "students, middle school")
s11	(mh "puberty, delayed") or (mh "puberty, precocious")
s10	(mh "puberty")
s9	(mh "adolescent development") or (mh "child development") or (mh "infant development")
s8	(mh "adolescence+") or (mh "child+") or (mh "minors (legal)")
s7	s1 or s2 or s3 or s4 or s5 or s6
s6	ti ((delusion* or hallucinat* or hebephreni* or oligophreni* or paranoi* or psychotic* or psychosis or psychoses or schizo*)) or ab ((delusion* or hallucinat* or hebephreni* or oligophreni* or paranoi* or psychotic* or psychosis or psychoses or schizo*))
s5	(mh "psychotic disorders")
s4	(mh "paranoid disorders")
s3	(mh "schizoaffective disorder") or (mh "schizophrenia+")
s2	(mh "hallucinations") or (mh "hallucination management (iowa nic)")
s1	(mh "delusions+")

1.1.5 STEM - topic specific databases

HTA, CDSR, DARE, CENTRAL - Wiley

#1	mesh descriptor delusions, this term only
#2	mesh descriptor hallucinations, this term only
#3	mesh descriptor schizophrenia and disorders with psychotic features explode all trees
#4	mesh descriptor schizophrenia, childhood, this term only
#5	(delusion* or hallucinat* or hebephreni* or oligophreni* or paranoi* or psychotic* or psychosis or psychoses or schizo*):ti or (delusion* or hallucinat* or hebephreni* or oligophreni* or paranoi* or psychotic* or psychosis or psychoses or schizo*):ab
#6	(#1 or #2 or #3 or #4 or #5)
#7	mesh descriptor adolescent, this term only
#8	mesh descriptor child explode all trees
#9	mesh descriptor infant explode all trees
#10	mesh descriptor adolescent development, this term only
#11	mesh descriptor child development explode all trees
#12	mesh descriptor minors, this term only
#13	mesh descriptor puberty, delayed, this term only
#14	mesh descriptor puberty, precocious, this term only
#15	mesh descriptor students, this term only
#16	mesh descriptor schools, this term only
#17	mesh descriptor puberty, this term only all trees
#18	(adolescen* or child* or infan* or juvenile* or teen*):kw or (adolescen* or baby or babies or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or neonate* or newborn* or new born* or pediatric* or paediatric* or postpubert* or postpubescen* or prepubert* or prepubescen* or preschool* or preteen* or pubertal or puberty or puberties or pubescen* or school* or student* or teen* or toddler* or (young* near/2 (inpatient* or patient* or people or person* or population)) or youngster* or

	youth*):ti or (adolescen* or baby or babies or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or neonate* or newborn* or new born* or pediatric* or paediatric* or postpubert* or postpubescen* or prepubert* or prepubescen* or preschool* or preteen* or pubertal or puberty or puberties or pubescen* or school* or student* or teen* or toddler* or (young* near/2 (inpatient* or patient* or people or person* or population)) or youngster* or youth*):ab
#19	(#7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18)
#20	(#6 and #19)

1.1.6 STEM - topic specific databases SSCI - Web of Knowledge

#1	(topic=(delusion* or hallucinat* or hebephreni* or oligophreni* or paranoi* or psychotic* or psychosis or psychoses or schizo*)) or (title=(delusion* or hallucinat* or hebephreni* or oligophreni* or paranoi* or psychotic* or psychosis or psychoses or schizo*))
#2	(topic=(adolescen* or baby or babies or boy or boyhood or boys or child* or delinquen* or girl or girls or girlhood or graders or infant* or junior or juniors or juvenile* or kindergarten or minors or neonate* or newborn* or "new born*" or paediatric* or pediatric* or postpubert* or postpubescen* or prepubert* or prepubescen* or preschool* or preteen* or pubertal or puberty or puberties or pubescen* or school* or teen or teens or teenage* or toddler* or (young* near (inpatient* or patient* or people or person* or population)) or youngster* or youth*)) or (title=(adolescen* or baby or babies or boy or boyhood or boys or child* or delinquen* or girl or girls or girlhood or graders or infant* or junior or juniors or juvenile* or kindergarten or minors or neonate* or newborn* or "new born*" or paediatric* or pediatric* or postpubert* or postpubescen* or prepubert* or prepubescen* or preschool* or preteen* or pubertal or puberty or puberties or pubescen* or school* or teen or teens or teenage* or toddler* or (young* near (inpatient* or patient* or people or person* or population)) or youngster* or youth*))
#3	(topic=("young* inpatient*" or "young* patient" or "young* people" or "young* population*")) or (title=("young* inpatient*" or "young* patient" or "young* people" or "young* population*"))
#4	#2 or #3
#5	#1 and #4

1.1.7 STEM - grey literature databases HMIC, PsycBOOKS, PsycEXTRA - Ovid SP [high spec]

1	((delusion\$ or hallucinat\$ or hebephreni\$ or oligophreni\$ or paranoi\$ or psychotic\$ or psychosis or psychoses or schizo\$) and (adolescen\$ or baby or babies or boy\$1 or child\$ or delinquen\$ or girl\$1 or graders or infant\$ or junior\$1 or juvenile\$ or kindergarten or minors or neonate\$ or newborn\$ or new born\$ or paediatric* or pediatric* or postpubert\$ or postpubescen\$ or prepubert\$ or prepubescen\$ or preschool\$ or preteen\$ or pubertal or puberty or puberties or pubescen\$ or school\$ or student\$ or teen\$ or toddler\$ or (young\$ adj2 (inpatient\$ or patient\$ or people\$ or person\$ or population\$)) or youngster\$ or youth\$1)).ti,ab,hw.
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1.2 Version 2

1.2.1 STEM – Core databases

Embase, MEDLINE, MEDLINE In-Process, PsycINFO – Ovid SP

Search request #8 from 1.1.1

1.2.2 STEM - topic specific databases

AMED – Ovid SP

Search request #3 from 1.1.2

1.2.3 STEM - topic specific databases

AEI, ASSIA, BEI, ERIC, IBSS, Sociological Abstracts, SSA - ProQUEST

Search request #1 from 1.1.3

1.2.4 STEM - topic specific databases

CINAHL – EBSCO HOST

Search request #7 from 1.1.4

1.2.5 STEM - topic specific databases

HTA, CDSR, DARE, CENTRAL – Wiley

Search request #6 from 1.1.5

1.2.6 STEM - topic specific databases

SSCI – Web of Knowledge

Search request #1 from 1.1.6

2. Question specific search strategies - all databases

2.1 High risk groups

RQ A1: In children and young people, what are the specific behaviours and symptoms that are associated with an increased risk of developing psychosis¹ and schizophrenia (at risk mental state)?

- a) What is the course of these behaviours and symptoms?
- b) What are the specific behaviours and symptoms that prompt initial recognition of psychosis¹ or prompt diagnosis of schizophrenia?

RQ B1: For children and young people who are at risk of developing psychosis¹ and schizophrenia (at risk mental state), does the provision of pharmacological, psychological or psychosocial and/or dietary interventions improve outcomes?

2.1.1 Embase, MEDLINE, MEDLINE In-Process, PsycINFO – Ovid SP

1	high risk patient/ or high risk population/ or ultra high risk criterion/ or ultra high risk population/
2	1 use emez
3	*risk factors/
4	3 use mesz
5	at risk populations/
6	5 use psyh
7	or/2,4,6
8	(symptom\$ or symptomology).sh. or (prodrom\$ or risk\$).hw.
9	(blips or brief limited intermittent psychotic symptom\$ or ((attenuat\$ or early or premonitory or pre monitory) adj2 (sign\$ or symptom\$)) or predelusion\$ or prehallucin\$ or prepsychos\$ or prepsychotic\$ or preschizo\$ or (pre adj (delusion\$ or hallucin\$ or psychos\$ or psychotic\$ or schizo\$)) or prodrom\$ or subclinical\$ or sub\$ clinical\$ or subthreshold\$ or sub\$ threshold\$ or at risk\$ or ((high\$ or incipient or increas\$) adj3 risk\$)).ti,ab.
10	or/8-9
11	(conversion\$ or ((develop\$ or progress\$) adj2 (psychos\$ or psychotic\$ or schiz\$)) or first episode\$ or fullthreshold\$ or full threshold\$ or onset\$ or progression or transition\$ or transitory).ti,ab.
12	10 and 11
13	ultra high risk.ti,ab.
14	((at risk or ((high or increase\$) adj2 risk) or blips or brief limited intermittent psychotic symptom\$ or ((attenuat\$ or early or premonitory) adj2 (sign\$ or symptom\$)) or prodrom\$ or subclinical\$ or sub\$ clinical\$ or subthreshold or sub\$ threshold) and (psychos\$ or psychotic\$ or schiz\$)).ti. or ((at risk or ((high or increase\$) adj2 risk) or blips or brief limited intermittent psychotic symptom\$ or ((attenuat\$ or early or premonitory) adj2 (sign\$ or symptom\$)) or prodrom\$ or subclinical\$ or sub\$ clinical\$ or subthreshold or sub\$ threshold) adj3 (psychos\$ or psychotic\$ or schiz\$)).ab.
15	or/7,12-14

2.1.2 CDSR, DARE, CENTRAL, HTA – Wiley

#1	high risk patient/ or high risk population/ or ultra high risk criterion/ or ultra high risk population/
#2	mesh descriptor paranoid disorders, this term only
#3	mesh descriptor psychotic disorders explode all trees
#4	mesh descriptor schizophrenia, childhood, this term only
#5	mesh descriptor schizophrenia explode all trees
#6	("delusional disorder*" or hebephreni* or psychosis or psychoses or psychotic* or schizo*):ti or ("delusional disorder*" or hebephreni* or psychosis or psychoses or psychotic* or schizo*):ab
#7	((((chronic* or serious or persistent or severe*) near/1 (mental* or psychological*) near/1 (disorder* or ill*)):ti or (((chronic* or serious or persistent or severe*) near/1 (mental* or psychological*) near/1 (disorder* or ill*)):ab or (((chronic* or serious or persistent or severe*) near/1 (mental* or psychological*) near/1 (disorder* or ill*)):kw
#8	#1 or #2 or #3 or #4 or #5 or #6 or #7
#9	mesh descriptor risk factors, this term only
#10	(prodrom* or symptom* or risk*):kw
#11	(blips or "brief limited intermittent psychotic symptom*" or ((attenuat* or early or premonitory or "pre monitory") near/2 (sign* or symptom*)) or predelusion* or prehallucin* or prepsychos* or prepsychotic* or preschizo* or (pre near/1 (delusion* or hallucin* or

	psychos* or psychotic* or schizo*) or prodrom* or subclinical* or "sub clinical*" or subthreshold* or "sub* threshold*" or "at risk*" or ((high* or incipient or increas*) near/3 risk*)
#12	#10 or #11
#13	(conversion* or ((develop* or progress*) near/2 (psychos* or psychotic* or schiz*)) or "first episode*" or fullthreshold* or "full threshold*" or onset* or progression or transition* or transitory)
#14	#12 and #13
#15	"ultra high risk"
#16	((("at risk" or ((high or increase*) near/2 risk) or blips or "brief limited intermittent psychotic symptom*" or ((attenuat* or early or premonitory) near/2 (sign* or symptom*)) or prodrom* or subclinical* or "sub clinical*" or subthreshold or "sub* threshold") and (psychos* or psychotic* or schiz*)):ti. or ((("at risk" or ((high or increase*) near/2 risk) or blips or "brief limited intermittent psychotic symptom*" or ((attenuat* or early or premonitory) near/2 (sign* or symptom*)) or prodrom* or subclinical* or "sub clinical*" or subthreshold or "sub* threshold") near/3 (psychos* or psychotic* or schiz*)):ab.
#17	#8 and (#9 or #14 or #15 or #16)

2.2 Adverse effects

<p>RQ B3: Are children and young people with psychosis and schizophrenia more susceptible to side effects of antipsychotic medication, compared with adults with psychosis and schizophrenia (in particular, metabolic, neurological and cognitive impairments)? The following subgroups should be considered:</p> <ul style="list-style-type: none"> • Initial treatment (first episode psychosis) • Acute treatment (not first episode psychosis) • Treatment resistance • Remission • Maintaining and promoting recovery
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2.2.1 Embase, MEDLINE, MEDLINE In-Process, PsycINFO – Ovid SP

1	exp neuroleptic agent/ use emez
2	exp antipsychotic agents/ use mesz, prem
3	exp neuroleptic drugs/ use psych
4	(antipsychotic\$ or anti psychotic\$ or (major adj2 (butyrophenon\$ or phenothiazin\$ or tranquil\$)) or neuroleptic\$.ti,ab.
5	amisulpride/ use emez
6	(amisulprid\$1 or aminosultoprid\$1 or amisulpirid\$1 or sertol\$1 or socian or solian).ti,ab.
7	aripiprazole/ use emez, psych
8	(aripiprazol\$1 or abilify or abilitat).ti,ab.
9	benperidol/ use emez, mesz, prem
10	(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.
11	chlorpromazine\$.sh. use emez, mesz, prem, psych
12	(chlorpromazin\$1 or aminazin\$1 or chlorazin\$1 or chlorderazin\$1 or contomin\$1 or fenactil\$1 or largactil\$1 or propaphenin\$1 or thorazin\$1).ti,ab.
13	chlorprothixene/ use emez, mesz, prem, psych
14	(chlorprothixen\$1 or aminasin\$1 or aminasin\$1 or aminazin\$1 or aminazin\$1 or ampliactil\$1 or amplictil\$1 or ancholactil\$1 or chlompromazin\$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 clorderazin\$1 or clorpromazin\$1 or cloxan or contomin\$1 or elmarin\$1 or fenactil\$1 or hibani\$1 or hibernal\$1 or hibernol\$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 tarocitil\$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.
15	clozapine\$.sh. use emez, mesz, prem, psyh
16	(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.
17	flupentixol\$.sh. use emez or flupenthixol/ use mesz, prem
18	(flupentixol\$1 or flupenthixol\$1 or depixel\$1 or emergil\$1 or fluaxol\$1 or flupentixol\$1 or emergil\$1 or fluaxol\$1 or piperazineethanol\$1 or viscoleo).ti,ab.
19	fluphenazine\$.sh. use emez, mesz, prem, psyh
20	(fluphena?in\$ or anatensil or anatensol or antasol or dapotum or elinol or flufenazin\$ or flumezin or fluorfenazine or ftorphenazine or luogen depot or lyogen or lyorodin or moditen or moditin or omca or pacinol or permitil or phthorphenazine or prolixan 300 or prolixene or prolixin or prolixine or s 94 or sevin?l or squaline or squalon or squalone or siquoline or tensofin or trancin or valamina or vespazin or vespazine).ti,ab.
21	fluspirilene/ use emez, mesz, prem
22	(fluspirilen\$1 or fluspi or imap or kivat or redeptin\$1 or spirodiflamin\$1).ti,ab.
23	haloperidol\$.sh. use emez, mesz, prem, psyh
24	(haloperidol\$1 or aloperidin\$1 or bioperidolo or brotopon or celenase or cerenace or dozic or duraperidol or einalon s or eukystol or fortunans\$1 or haldol or halidol or haloneural\$1 or haloperitol\$1 or halosten or keselan or linton or peluces or serenace or serenase or siegoperidol\$1 or sigaperidol\$1).ti,ab.
25	levomepromazine/ use emez or methotrimeprazine/ use mesz, prem
26	(levomepromazin\$1 or 2 methoxytrimeprazin\$1 or hirnamin\$1 or levo promazin\$1 or levomeprazin\$1 or levopromazin\$1 or levoprom\$1 or mepromazin\$1 or methotrimeprazin\$1 or methotrimperazin\$1 or milezin\$1 or minozinan\$1 or neozin\$1 or neuractil\$1 or neurocil\$1 or nirvan or nosinan\$1 or nozinan\$1 or sinogan or tiscercin\$1 or tizercin\$1 or tizertsin\$1 or veractil\$1).ti,ab.
27	olanzapine/ use emez, psyh
28	(olanzapin\$1 or lanzac or midax or olansek or olzapin or rexapin or zalasta or zolafren or zydis or zypadhera or zyprex\$1).ti,ab.
29	paliperidone/ use emez
30	(paliperidon\$1 or 9 hydroxyrisperidon\$1 or invega).ti,ab.
31	paroxetine/ use emez, mesz, prem, psyh
32	(paroxetin\$1 or aropax or deroxat or motivan or paxil\$1 or pexeva or seroxat or tagonis).ti,ab.
33	periciazine/ use emez
34	(pericyazin\$1 or aolept or neulactil\$1 or neuleptil\$1 or periciazin\$1 or properciazin\$1 or propericiazin\$1).ti,ab.
35	perphenazine\$.sh. use emez, mesz, prem, psyh
36	(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 perferazin\$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.
37	pimozide/ use emez, mesz, prem, psyh
38	(pimozid\$1 or antalon\$1 or opiran\$1 or orap or pimocid\$1 or pimorid\$1 or pinozid\$1).ti,ab.
39	prochlorperazine\$.sh. use emez, mesz, prem, psyh
40	(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 tementil\$1 or temetil\$1).ti,ab.
41	promazine/ use emez, mesz, prem, psyh

42	(promazin\$1 or alofen\$1 or alophen\$1 or ampazin\$1 or amprazin\$1 or centractyl 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 sparin\$1 or tomil or varophen\$1 or verophen\$1).ti,ab.
43	quetiapine/ use emez, mesz, prem, psych
44	(quetiapin\$1 or ketipinor or quepin or seroquel or tienapin\$1).ti,ab.
45	risperidone/ use emez, mesz, prem, psych
46	(risperidon\$1 or belivon\$1 or ridal or riscalin or risolept or rispen or risperdal\$1 or sizodon).ti,ab.
47	sertindole/ use emez
48	(sertindol\$1 or indole or serdolect or serlect).ti,ab.
49	sulpiride/ use emez, mesz, prem, psych
50	(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.
51	trifluoperazine\$.sh. use emez, mesz, prem, psych
52	(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.
53	zotepine/ use emez
54	(zotepin\$1 or lodopin\$1 or losizopilon or nipolept or setous or zoleptil).ti,ab.
55	(clopenthixol\$ or zuclopenthixol\$).sh. use emez
56	clopenthixol/ use mesz, prem
57	(zuclopenthixol\$1 or acuphase or acutard or clopenthixol\$1 or clopixol or cisordinol\$1 or sedanaxol\$1 or zuclopenthixol\$).ti,ab.
58	or/1-57
59	exp endocrine disease/ or exp endocrine function/ or exp endocrine system/
60	(prolactin\$ or thyroxine\$).sh. or thyroid hormone/
61	or/59-60 use emez
62	exp endocrine system diseases/ or exp endocrine system/
63	prolactin\$.sh. or exp thyroid hormones/
64	or/62-63 use mesz
65	exp endocrine disorders/ or exp endocrine system/
66	prolactin/ or exp thyroid hormones/
67	or/65-66 use psych
68	((((endocrin\$ or thyroid\$) adj3 (abnormalit\$ or chang\$ or disease\$ or disorder\$ or disturbanc\$ or dysfunction\$ or dysregulat\$ or effect\$ or problem\$ or risk\$)) or (prolactin\$ or thyroxin\$)).ti,ab.
69	or/61,64,67-68
70	exp metabolic disorder/
71	glucose/ or glucose blood level/ or exp glucose metabolism/
72	insulin\$.sh.
73	exp lipid/ or exp lipid blood level/ or triacylglycerol/
74	serum/
75	or/70-74 use emez
76	exp metabolic diseases/ or hyperprolactinemia/
77	exp glucose/
78	insulin\$.sh.

79	cholesterol/ or exp lipids/
80	exp serum/
81	or/76-80 use mesz
82	exp metabolism disorders/ or metabolic syndrome/
83	exp glucose/ or glucose metabolism/
84	insulin\$.sh.
85	cholesterol/ or lipoproteins/ or exp lipids/
86	blood serum/
87	or/82-86 use psyh
88	(blood sugar or cardiometaboli\$ or cholesterol\$ or diabet\$ or glyc?emi\$ or glucose or hypergl?c?emi\$ or hyper gl?c?emi\$ or hypertriglyceridem\$ or insulin or lipo\$ or lipid\$ or metaboli\$ or prediabet\$ or serum or triglyceride\$).ti,ab.
89	or/75,81,87-88
90	(cholester?emi\$ or cholesterin?emia\$ or cholesterol?emia\$ or hypercholester?emia\$ or hypercholesterin?emia\$ or hypercholesterol?emia\$).ti,ab.
91	(dyslip?emia\$ or dyslipid?emia\$ or dyslipoprotein?emia\$).ti,ab.
92	((dysmetabolic or metabolic or reaven) adj2 syndrom\$).ti,ab.
93	hypergl?c?emi\$.ti,ab.
94	(hyperlip?emi\$ or hyperlipid?emi\$ or lip?emia\$ or lipid?emia\$).ti,ab.
95	(hyperprolactin?emi\$ or (hypersecretion adj2 syndrome adj2 prolactin) or (inappropriate adj2 prolactin adj2 secretion) or prolactin?emi\$).ti,ab.
96	(hypertriglycerid?emia\$ or mckusick 14575 or triglyceride storage disease or triglyceride?emia\$).ti,ab.
97	or/90-96
98	or/69,89,97
99	exp obesity/ or overnutrition/ or weight gain/
100	99 use emez
101	exp overnutrition/ or exp overweight/ or weight gain/
102	101 use mesz
103	exp overweight/ or weight gain/
104	103 use psyh
105	(bmi or body composition or body mass or (central\$ adj3 fat) or fat mass or obese or obesit\$ or over nutrition or overweight or waist circumference or (weight adj2 (abnormal\$ or chang\$ or disorder\$ or disturbanc\$ or dysfunction\$ or dysregulat\$ or elevat\$ or gain\$ or high\$ or increas\$ or over or problem\$ or risk\$))).ti,ab.
106	or/100,102,104-105
107	exp blood pressure/ or exp cardiovascular disease/ or sudden death/
108	107 use emez
109	blood pressure/ or exp cerebrovascular disorders/ or exp heart diseases/ or exp hypertension/ or exp pheripheral vascular diseases/
110	109 use mesz
111	blood pressure/ or exp cardiovascular disorders/
112	111 use psyh
113	((atrial and fibrillat*) or (ventricular and fibrillat*) or angina or arrythmi* or cardia* or cardio* or cerebrovascul* or coronary* or endocardi* or heart* or ischaem* or ischem* or myocard* or pericard* or tachycardi* or thromboembolism* or thrombosis or vascul* or ((blood adj2 pressure) or hypertensi\$)).ti,ab.
114	or/108,110,112-113
115	or/98,106,114
116	(ae or po or si or to).fs.
117	exp adverse drug reaction/ or death/ or drug interaction/ or exp drug hypersensitivity/ or drug intoxication/ or drug safety/ or drug tolerability/ or drug tolerance/ or exp drug toxicity/
118	drug monitoring/ or intoxication/ or phase 4 clinical trial/ or exp postmarketing

	surveillance/ or risk/ or risk assessment/ or risk factor/ or exp side effect/ or toxemia/
119	or/116-118 use emez
120	(ae or ct or po or to).fs.
121	exp abnormalities, drug induced/ or exp adverse drug reaction reporting systems/ or exp death/ or drug hypersensitivity/ or drug interactions/ or drug monitoring/ or drug tolerance/ or exp drug toxicity/ or overdose/ or exp product surveillance, postmarketing/ or risk assessment/ or risk factors/
122	or/120-121 use mesz
123	"death and dying"/ or drug interactions/ or drug overdoses/ or drug tolerance/ or risk assessment/ or risk factors/ or exp "side effects (drug)"/ or "side effects (treatment)"/ or exp toxic disorders/ or exp toxicity/
124	123 use psych
125	((adverse or negativ\$ or side or undesir\$ or unwanted) adj2 (effect\$ or event\$ or outcome\$ or reaction\$)) or (causa\$ or caution\$ or complication\$ or contraindicat\$ or contra indicat\$ or death\$ or discontinuation effect\$ or harm\$ or hazard\$ or interaction\$1 or intolerab\$ or lethal\$ or noxious or overdos\$ or safety or safe or tolerab\$ or toxic\$ or warning\$) or (treatment emergent or adrs) or (extrapyramidal adj2 (effect\$ or symptom\$))).ti,ab.
126	or/119,122,124-125
127	58 and or/115,126

3 Study design filters - all databases

3.1 Systematic review study design filters

3.1.1 Embase, MEDLINE, MEDLINE In-Process, PsycINFO - Ovid SP

1	meta analysis/ or systematic review/
2	1 use emez
3	meta analysis.sh,pt. or "meta-analysis as topic"/ or "review literature as topic"/
4	3 use mesz, prem
5	(literature review or meta analysis).sh,id,md. or systematic review.id,md.
6	5 use psych
7	(exp bibliographic database/ or (((electronic or computer\$ or online) adj database\$) or bids or cochrane or embase or index medicus or isi citation or medline or psyclit or psychlit or scisearch or science citation or (web adj2 science)).ti,ab.) and (review\$.ti,ab,sh,pt. or systematic\$.ti,ab.)
8	7 use emez
9	(exp databases, bibliographic/ or (((electronic or computer\$ or online) adj database\$) or bids or cochrane or embase or index medicus or isi citation or medline or psyclit or psychlit or scisearch or science citation or (web adj2 science)).ti,ab.) and (review\$.ti,ab,sh,pt. or systematic\$.ti,ab.)
10	9 use mesz, prem
11	(computer searching.sh,id. or (((electronic or computer\$ or online) adj database\$) or bids or cochrane or embase or index medicus or isi citation or medline or psyclit or psychlit or scisearch or science citation or (web adj2 science)).ti,ab.) and (review\$.ti,ab,pt. or systematic\$.ti,ab.)
12	11 use psych
13	((analy\$ or assessment\$ or evidence\$ or methodol\$ or quantitativ\$ or systematic\$) adj2 (overview\$ or review\$)).tw. or ((analy\$ or assessment\$ or evidence\$ or methodol\$ or quantitativ\$ or systematic\$).ti. and review\$.ti,pt.) or (systematic\$ adj2 search\$).ti,ab.
14	(metaanal\$ or meta anal\$).ti,ab.
15	(research adj (review\$ or integration)).ti,ab.
16	reference list\$.ab.
17	bibliograph\$.ab.

18	published studies.ab.
19	relevant journals.ab.
20	selection criteria.ab.
21	(data adj (extraction or synthesis)).ab.
22	(handsearch\$ or ((hand or manual) adj search\$)).ti,ab.
23	(mantel haenszel or peto or dersimonian or der simonian).ti,ab.
24	(fixed effect\$ or random effect\$).ti,ab.
25	((pool\$ or combined or combining) adj2 (data or trials or studies or results)).ti,ab.
26	or/2,4,6,8,10,12-25

3.1.2 AMED - Ovid SP

1	meta analysis/
2	(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,pt. or systematic\$.ti,ab.)
3	((analy\$ or assessment\$ or evidence\$ or methodol\$ or qualitativ\$ or quantitativ\$ or systematic\$) adj2 (overview\$ or review\$)).tw. or ((analy\$ or assessment\$ or evidence\$ or methodol\$ or quantitativ\$ or qualitativ\$ or systematic\$).ti. and review\$.ti,pt.) or (systematic\$ adj2 search\$).ti,ab.
4	(metaanal\$ or meta anal\$).ti,ab.
5	(research adj (review\$ or integration)).ti,ab.
6	reference list\$.ab.
7	published studies.ab.
8	relevant journals.ab.
9	selection criteria.ab.
10	(data adj (extraction or synthesis)).ab.
11	(handsearch\$ or ((hand or manual) adj search\$)).ti,ab.
12	(mantel haenszel or peto or dersimonian or der simonian).ti,ab.
13	(fixed effect\$ or random effect\$).ti,ab.
14	or/1-13

3.1.3 AEI, ASSIA, BEI, ERIC, IBSS, Sociological Abstracts, SSA - ProQUEST

S1	all (“meta anal*” or “systematic overview” or “systematic review” or “systematic search”)
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3.1.4 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 quantitativ* n5 review* or systematic* n5 review*) or ab (analy* n5 review* or assessment* n5 review* or evidence* n5 review* or methodol* n5 review* or quantitativ* n5 review* or systematic* n5 review*)
s31	ti (analy* n5 overview* or assessment* n5 overview* or evidence* n5 overview* or methodol* n5 overview* or quantitativ* n5 overview* or systematic* n5 overview*) or ab (analy* n5 overview* or assessment* n5 overview* or evidence* n5 overview* or methodol* n5 overview* or quantitativ* 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+")

3.1.5 SSCI - Web of Knowledge

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

	bibliograph* or “published studies” or “relevant journals” or “selection criteria” or “data extraction” or “data synthesis” or handsearch* or “hand search*” or “manual search*” or “mantel haenszel” or peto or dersimonian or “der simonian” or “fixed effect*” or “random effect*”) or ((pool* or combined or combining) near (data or trials or studies or results)))
#5	topic=(((analy* or assessment* or evidence* or methodol* or quantitativ* or systematic*) near (overview* or review*))) or title=(((analy* or assessment* or evidence* or methodol* or qualitativ* or quantitativ* or systematic*) near (overview* or review*)))
#6	#3 or #4 or #5

3.2 RCT study design filters

3.2.1 Embase, MEDLINE, MEDLINE In-Process, PsycINFO – Ovid SP

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

3.2.2 AMED – Ovid SP

1	(clinical trials or double blind method or placebos or random allocation).sh.
2	trial\$.ti,ab.
3	(crossover or cross over).ti,ab.
4	((single\$ or doubl\$ or trebl\$ or tripl\$) adj5 blind\$) or mask\$ or dummy or singleblind\$ or doubleblind\$ or trebleblind\$ or tripleblind\$.ti,ab.
5	(placebo\$ or random\$.ti,ab.
6	or/1-6

3.2.3 AEI, ASSIA, BEI, ERIC, IBSS, Sociological Abstracts, SSA – PRO QUEST

S1	all ((clinical near/1 trial* or crossover or “cross over”) or ((single* or doubl* or trebl* or tripl*) near/1 (blind* or mask* or dummy)) or (singleblind* or doubleblind* or trebleblind* or tripleblind* or placebo* or random*))
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3.2.4 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
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	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*))
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3.3 Observational study design filter

3.3.1 Embase, MEDLINE, MEDLINE In-Process, PsycINFO – Ovid SP

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 psyh
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