

## SEARCH STRATEGIES FOR THE IDENTIFICATION OF CLINICAL EVIDENCE

Each search was constructed using the groups of terms set out in Text Box 1. The full set of search terms is documented in sections 1 to 3.41. The selection of search terms was kept broad to maximise retrieval of evidence in a wide range of areas of interest to the GDG.

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

Summary of systematic search strategies for clinical evidence					
Section 1					
Review area/s	Search type	Search construction	Study design searched	Databases searched	Date range searched
All review areas/RQs	Generic, evidence mapped to all review areas	<p>Mainstream/topic specific databases – generic search:                      [(population terms – version 1) AND (SR/RCT filter)]</p> <p>Grey literature databases – generic search:                      (Population search terms only – version 1)</p>	SR, RCT	<p>Mainstream databases:                      Embase, Medline, PreMedline, PsycINFO</p> <p>Topic specific databases:                      AEI*, AMED* ASSIA*, BEI*, CDSR*, CENTRAL*, CINAHL*, DARE*, ERIC*, HTA*, IBSS*, Sociological Abstracts, SSA*, SSCI*</p> <p>Grey literature databases:</p>	<p>SR: 1995 to May 2012</p> <p>RCT: inception to May 2012</p>

				HMIC*, PsycBOOKS, PsycEXTRA	
--	--	--	--	--------------------------------	--

*Notes:  
Evidence resulting from generic searches mapped to all review areas*

**Section 2**

<b>Review area/s</b>	<b>Search type</b>	<b>Search construction</b>	<b>Study design searched</b>	<b>Databases searched</b>	<b>Date range searched</b>
At risk / treatment: RQ A1,A2,B1	Focused, supplements evidence retrieved from generic searches (indicated in Section 1)	Mainstream - focused search: [(population terms - version 2) AND (at risk terms) AND (SR/RCT filter)]  Topic specific databases - focused search: [(population terms - version 2) AND (at risk terms)]	SR/RCT	Mainstream databases: Embase, Medline, PreMedline, PsycINFO  Topic specific databases:  CENTRAL, CDSR*, DARE*, HTA*	SR: 1995 to May 2012  RCT: inception to May 2012

<p><i>Notes:</i></p> <p><i>Supplements SR/RCT evidence captured by generic searches indicated in Section 1</i></p>					
<p><b>Section 3</b></p>					
Review area/s	Search type	Search construction	Study design searched	Databases searched	Date range searched
Recognition / treatment: antipsychotic side effects. RQ B3,B4,B10	Focused, supplements evidence retrieved from generic searches (indicated in Section 1)	Mainstream databases – focused search: [(population terms – version 1) AND (antipsychotic terms) AND (side effect terms) AND (OS filter)]	Observational studies	Mainstream databases: Embase, Medline, PreMedline, PsycINFO	Inception to May 2012
<p><i>Notes:</i></p> <p><i>Supplements SR/RCT evidence captured by generic searches indicated in Section 1</i></p>					
<p>* AEI (Australian Education Index), AMED (Allied and Complementary Medicine Database), ASSIA (Applied Social Services Index and Abstracts), BEI (British Education Index), CDSR (Cochrane Database of Systematic Reviews), CENTRAL [COCHRANE database of RCTs and other controlled trials),</p>					

CINAHL, (Cumulative Index to Nursing and Allied Health Literature), DARE (Database of Abstracts of Reviews and Effectiveness), ERIC (Education Resources in Curriculum), HMIC (Health Management Information Consortium), HTA (Health Technology Assessment database), IBSS (International Bibliography of Social Science), SSA (Social Services Abstracts), SSCI (Social Sciences Citation Index - Web of Science)

## SEARCH STRATEGIES FOR THE IDENTIFICATION OF CLINICAL EVIDENCE

### 1 Population search terms - all databases

#### 1.1 Version 1

##### 1.11 STEM – Mainstream Medical Databases

###### Version 1

Embase, Medline, PreMEDLINE, 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))  
 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.  
 (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

## 1.12 STEM - topic specific databases

Version 1

Allied and Complementary Medicine (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.

(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  
6 prepubert\$ or prepubescent\$ 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

### 1.13 STEM - topic specific databases

#### Version 1

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

s1 all (delusion\* or hallucinat\* or hebephreni\* or oligophreni\* or paranoi\* or psychotic\* or psychosis or psychoses or schizo\*)

all (adolescen\* or baby or babies or boy or boyhood or boys or child\* or delinquen\* or girl or girls or girlhood or  
s2 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 prepubescent\* 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

Version 1

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 prepubesce* 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 prepubesce* 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+")

### 1.15 STEM - topic specific databases

Version 1

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  
(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
- #5 (#1 or #2 or #3 or #4 or #5)
- #6 mesh descriptor **adolescent**, this term only
- #7 mesh descriptor **child** explode all trees
- #8 mesh descriptor **infant** explode all trees
- #9 mesh descriptor **adolescent development**, this term only
- #10 mesh descriptor **child development** explode all trees
- #11 mesh descriptor **minors**, this term only
- #12 mesh descriptor **puberty, delayed**, this term only
- #13 mesh descriptor **puberty, precocious**, this term only
- #14 mesh descriptor **students**, this term only
- #15 mesh descriptor **schools**, this term only
- #16 mesh descriptor **puberty**, this term only all trees  
(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)

## 1.16 STEM - topic specific databases

Version 1

SSCI – Web of Knowledge

(topic=(delusion\* or hallucinat\* or hebephreni\* or oligophreni\* or paranoi\* or psychotic\* or psychosis or psychoses or #1 schizo\*)) or (title=(delusion\* or hallucinat\* or hebephreni\* or oligophreni\* or paranoi\* or psychotic\* or psychosis or psychoses or schizo\*))

(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 #2 (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

### 1.17 STEM - grey literature databases

Health Management Information Consortium (HMIC), PsycBOOKS, PsycEXTRA – OVID SP [high spec]

((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\$<sup>1</sup> 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.

## 1.2 Version 2

### 1.21 STEM – Mainstream Medical Databases

Version 2

Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

*Search request #8 from 1.11*

### 1.22 STEM - topic specific databases

Version 2

Allied and Complementary Medicine (AMED) – OVID SP

*Search request #3 from 1.12*

### 1.23 STEM - topic specific databases

## Version 2

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

*Search request #1 from 1.13*

## 1.24 STEM - topic specific databases

### Version 2

CINAHL – EBSCO HOST

*Search request #7 from 1.14*

## 1.25 STEM - topic specific databases

### Version 2

HTA, CDSR, DARE, CENTRAL – Wiley

*Search request #6 from 1.15*

## 1.26 STEM - topic specific databases

### Version 2

SSCI – Web of Knowledge

*Search request #1 from 1.16*

## **2. Question specific search strategies - all databases**

### 2.1 High risk groups

A1) In CYP, what are the specific behaviours and symptoms that are associated with an increased risk of developing psychosis 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 psychoses or prompt diagnosis of schizophrenia?

•

A2) In CYP, who are at risk of developing psychosis and schizophrenia (i.e. what are the factors [e.g. socioeconomic, gender] that are associated with the future development of psychosis and/or a diagnosis of schizophrenia)?

B1) For CYP who are at risk of developing psychosis and schizophrenia (at risk mental state), does the provision of pharmacological and/or psychological or psychosocial interventions improve outcomes?

## 2.11 Embase, Medline, PreMedline, 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 psych
- 7 or/2,4,6
- 8 (symptom\$ or symptomology).sh. or (prodrom\$ or risk\$).hw.  
(blips or brief limited intermittent psychotic symptom\$ or ((attenuat\$ or early or premonitory or pre monitory) adj2  
9 (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

## 2.12 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

(blips or "brief limited intermittent psychotic symptom\*" or ((attenuat\* or early or premonitory or "pre monitory")

#11 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"

((("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

#16 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

- B3) Are CYP with psychosis and schizophrenia more susceptible to side effects of antipsychotic medication, compared to adults with psychosis and schizophrenia (in particular, the metabolic, neurological and cognitive impairments)? The following subgroups should be considered:
- Initial treatment (first episode psychosis)
- Acute treatment (not FEP)



- Treatment resistance
  - Remission
  - Maintaining and promoting recovery
  - 
  - B4) Do clinicians manage and monitor side effects of antipsychotic treatment differently in CYP with psychosis and schizophrenia compared to adults with psychosis and schizophrenia? The following subgroups should be considered:
    - Initial treatment (first episode psychosis)
    - Acute treatment (not FEP)
    - Treatment resistance
    - Remission
    - Maintaining and promoting recovery
    -
- B10) Does the risk of adverse events associated with antipsychotic augmentation differ between CYP and adults with psychosis and schizophrenia that is in remission?

## 2.21 Embase, Medline, PreMedline, 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  
(chlorprothixen\$1 or aminasin\$1 or aminasin\$1 or aminazin\$1 or aminazin\$1 or ampliactil\$1 or amplictil\$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 hibanyl\$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.
- 14
- 15 clozapine\$.sh. use emez, mesz, prem, psych
- 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 depixol\$1 or emergil\$1 or fluanaxol\$1 or flupentixol\$1 or emergil\$1 or fluanaxol\$1 or piperazineethanol\$1 or viscoleo).ti,ab.
- 19 fluphenazine\$.sh. use emez, mesz, prem, psych  
(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 pthorphenazine 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.
- 20
- 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, psych  
(haloperidol\$1 or aloperidin\$1 or bioperidolo or brotopon or celenase or cerenace or dozic or duraperidol or einalon s
- 24 or eukystol or fortunant\$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  
(levomepromazin\$1 or 2 methoxytrimeprazin\$1 or hirnamin\$1 or levo promazin\$1 or levomeprazin\$1 or
- 26 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, psych  
(olanzapin\$1 or lanzac or midax or olansek or olzapin or rexapin or zalasta or zolafren or zydis or zypadhera or
- 28 zyprex\$1).ti,ab.
- 29 paliperidone/ use emez  
(paliperidon\$1 or 9 hydroxyrisperidon\$1 or invega).ti,ab.
- 31 paroxetine/ use emez, mesz, prem, psych  
(paroxetin\$1 or aropax or deroxat or motivan or paxil\$1 or pexeva or seroxat or tagonis).ti,ab.
- 33 periciazine/ use emez  
(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, psych  
(perphenazin\$1 or chlorperphenazin\$1 or chlorpiprazin\$1 or chlorpiprozin\$1 or decentan\$1 or etaperazin\$1 or
- 36 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, psych

- 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  
(prochlorperazin\$1 or buccastem or capazin\$1 or chlormeprazin\$1 or chlorpeazin\$1 or chlorperazin\$1 or compazin\$1  
40 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 proclorperazin\$1 or  
stemetil or stemzine or tementil\$1 or temetil\$1).ti,ab.
- 41 promazine/ use emez, mesz, prem, psyh  
(promazin\$1 or alofen\$1 or alophen\$1 or ampazin\$1 or amprazim\$1 or centractyl or delazin\$1 or esparin\$1 or lete or  
42 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, psyh
- 44 (quetiapin\$1 or ketipinor or quepin or seroquel or tienapin\$1).ti,ab.
- 45 risperidone/ use emez, mesz, prem, psyh
- 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, psyh  
(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  
50 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, psyh
- 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 clopixon or cisordinol\$1 or sedanxol\$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 psyh

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 psych
- (blood sugar or cardiometaboli\$ or cholesterol\$ or diabet\$ or glyc?emi\$ or glucose or hypergl?c?emi\$ or hyper  
 88 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
- (cholester?emi\$ or cholesterin?emia\$ or cholesterol?emia\$ or hypercholester?emia\$ or hypercholesterin?emia\$ or  
 90 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 psych
- (bmi or body composition or body mass or (central\$ adj3 fat) or fat mass or obese or obesit\$ or over nutrition or
- 105 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 peripheral vascular diseases/
- 110 109 use mesz
- 111 blood pressure/ or exp cardiovascular disorders/
- 112 111 use psych

((atrial and fibrillat\*) or (ventricular and fibrillat\*) or angina or arrythmi\* or cardia\* or cardio\* or cerebrovascul\* or  
113 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.

exp abnormalities, drug induced/ or exp adverse drug reaction reporting systems/ or exp death/ or drug  
121 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 psyh

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

##### 3.11 Systematic review study design filter

Embase, Medline, PreMEDLINE, PsycINFO - OVID SP

1 meta analysis/ or systematic review/

2 1 use emez

3 meta analysis.sh,pt. or "meta-analysis as topic"/ or "review literature as topic"/

4 3 use mesz, prem

5 (literature review or meta analysis).sh,id,md. or systematic review.id,md.

6 5 use psych

(exp bibliographic database/ or (((electronic or computer\$ or online) adj database\$) or bids or cochrane or embase or

7 index medicus or isi citation or medline or psychlit 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

(exp databases, bibliographic/ or (((electronic or computer\$ or online) adj database\$) or bids or cochrane or embase or

9 index medicus or isi citation or medline or psychlit 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

(computer searching.sh,id. or (((electronic or computer\$ or online) adj database\$) or bids or cochrane or embase or

11 index medicus or isi citation or medline or psychlit 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

- ((analy\$ or assessment\$ or evidence\$ or methodol\$ or quantitativ\$ or systematic\$) adj2 (overview\$ or review\$)).tw. or  
13 ((analy\$ or assessment\$ or evidence\$ or methodol\$ or quantitativ\$ or systematic\$).ti. and review\$.ti,pt.) or (systematic\$  
adj2 search\$).ti,ab.  
14 (metaanal\$ or meta anal\$).ti,ab.  
15 (research adj (review\$ or integration)).ti,ab.  
16 reference list\$.ab.  
17 bibliograph\$.ab.  
18 published studies.ab.  
19 relevant journals.ab.  
20 selection criteria.ab.  
21 (data adj (extraction or synthesis)).ab.  
22 (handsearch\$ or ((hand or manual) adj search\$)).ti,ab.  
23 (mantel haenszel or peto or dersimonian or der simonian).ti,ab.  
24 (fixed effect\$ or random effect\$).ti,ab.  
25 ((pool\$ or combined or combining) adj2 (data or trials or studies or results)).ti,ab.  
26 or/2,4,6,8,10,12-25

### 3.12 Systematic review study design filter

AMED - OVID SP

1 meta analysis/

- (databases bibliographic/ or (((electronic or computer\$ or online) adj database\$) or bids or cochrane or embase or  
2 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.)

- ((analy\$ or assessment\$ or evidence\$ or methodol\$ or qualitativ\$ or quantativ\$ or systematic\$) adj2 (overview\$ or review\$)).tw. or ((analy\$ or assessment\$ or evidence\$ or methodol\$ or quantativ\$ 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

### 3.13 Systematic review study design filter

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

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

### 3.14 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+")

### 3.15 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")
- #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 Randomised controlled trial filters

#### 3.21 Randomized controlled trial study design filter

Embase, Medline, PreMEDLINE, PsycINFO - OVID SP

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

14 (animal not human).po. use psych

15 (or/2,4,6-11) not (or/12-14)

### 3.22 Randomized controlled trial study design filter

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

### 3.23 Randomized controlled trial study design filter

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

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

### 3.24 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\*)))

### 3.3 Observational study design filter

#### 3.31 Embase, Medline, PreMEDLINE, 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 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

## **SEARCH STRATEGIES FOR THE IDENTIFICATION OF HEALTH ECONOMIC EVIDENCE**

Each search was constructed using the groups of terms set out in Text Box 1. The full set of search terms is documented in sections 1 to 3.11. The selection of search terms was kept broad to maximise retrieval of evidence in a wide range of areas of interest to the GDG.

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

Summary of systematic search strategies for health economic 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	Mainstream databases – generic search: [(population terms – version 1) AND (HE/QoL filter)]  Topic specific databases – generic search: (Population search terms only – version 1)	Economic evidence (including full and partial economic evaluations) and health technology assessment reports	Mainstream databases: Embase, Medline, PreMedline, PsycINFO  Topic specific databases: ECONLIT, HTA*, NHS EED*	1995 to May 2012
<i>Notes:</i> <i>Evidence resulting from generic searches mapped to all review areas</i>					
Section 2					
Review area/s	Search type	Search construction	Study design searched	Databases searched	Date range searched

At risk / treatment: RQ A1,A2,B1	Focused, supplements evidence retrieved from generic searches (indicated in Section 1)	Mainstream – focused search: [(population terms – version 2) AND (at risk terms) AND (HE/QoL filter)]  Topic specific databases – focused search: [(population terms – version 2) AND (at risk terms)]	Economic evidence (including full and partial economic evaluations) and health technology assessment reports	Mainstream databases: Embase, Medline, PreMedline, PsycINFO  Topic specific databases: ECONLIT, HTA*, NHS EED*	1995 to May 2012
<p><b>Notes:</b></p> <p><i>Supplements HE evidence captured by generic searches indicated in Section 1</i></p>					
<p>HTA (Health Technology Assessment database), NHS EED (NHS Economic Evaluation Database)</p>					

# SEARCH STRATEGIES FOR THE IDENTIFICATION OF HEALTH ECONOMIC EVIDENCE

## 1 Population search terms – all databases

### 1.1 Version 1

#### 1.11 STEM – Mainstream Medical Databases

##### Version 1

Embase, Medline, PreMEDLINE, 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  
auditory hallucinations/ or delusions/ or hallucinations/ or hypnagogic
- 5 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  
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
- 9 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  
exp adolescent/ or adolescent development/ or exp child/ or exp child
- 11 development/ or exp infant/ or minors/ or puberty/ or puberty, delayed/ or puberty, precocious/ or students/ or exp schools/
- 12 11 use mesz, prem  
limit 8 to ((childhood or adolescence <13 to 17 years>) and (100 childhood or
- 13 120 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,id.

(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

19 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

## 1.12 STEM - topic specific databases

Version 1

HTA, NHS EED – 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](#)

[\(delusion\\* or hallucinat\\* or hebephreni\\* or oligophreni\\* or paranoi\\* or psychotic\\* or psychosis or psychoses or schizo\\*\):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  
(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
- #18 (#7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18)
- #19 (#6 and #19)

### 1.13 STEM - topic specific databases

Version 1

EconLIT - OVID SP

- 1 (delusion\$ or hallucinat\$ or hebephreni\$ or oligophreni\$ or paranoi\$ or psychotic\$ or psychosis or psychoses or schizo\$).tw,hw,kw.
- 2 (adolescen\$ or child\$ or infan\$ or juvenile\$ or teen\$).hw,kw.  
 (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 prepubescent\$ 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.

4 1 and or/2-3

## 1.2 Version 2

### 1.21 STEM – Mainstream Medical Databases

Version 2

Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

*Search request #8 from 1.11*

### 1.22 STEM - topic specific databases

Version 2

HTA, NHS EED – Wiley

*Search request #6 from 1.12*

### 1.23 STEM - topic specific databases

Version 2

EconLIT – OVID SP

*Search request #1 from 1.13*

## 2. Question specific search strategies - all databases

### 2.1 High risk groups

A1) In CYP, what are the specific behaviours and symptoms that are associated with an increased risk of developing psychosis and schizophrenia (at risk mental state):

c) What is the course of these behaviours and symptoms?

d) What are the specific behaviours and symptoms that prompt initial recognition of psychoses or prompt diagnosis of schizophrenia?

•

A2) In CYP, who are at risk of developing psychosis and schizophrenia (i.e. what are the factors [e.g. socioeconomic, gender] that are associated with the future development of psychosis and/or a diagnosis of schizophrenia)?

B1) For CYP who are at risk of developing psychosis and schizophrenia (at risk mental state), does the provision of pharmacological and/or psychological or psychosocial interventions improve outcomes?

### 2.11 Embase, Medline, PreMedline, 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 psych
- 7 or/2,4,6
- 8 (symptom\$ or symptomology).sh. or (prodrom\$ or risk\$).hw.  
(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.
- 9
- 10 or/8-9  
(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.
- 11
- 12 10 and 11
- 13 ultra high risk.ti,ab.  
((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.
- 14
- 15 or/7,12-14

## 2.12 HTA, NHS EED – 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  
 ("delusional disorder\*" or hebephreni\* or psychosis or psychoses or  
 #6 psychotic\* or schizo\*):ti or ("delusional disorder\*" or hebephreni\* or  
 psychosis or psychoses or psychotic\* or schizo\*):ab  
 (((chronic\* or serious or persistent or severe\*) near/1 (mental\* or  
 psychological\*) near/1 (disorder\* or ill\*)):ti or (((chronic\* or serious or  
 #7 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  
 (blips or "brief limited intermittent psychotic symptom\*" or ((attenuat\* or  
 early or premonitory or "pre monitory") near/2 (sign\* or symptom\*)) or  
 #11 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  
 (conversion\* or ((develop\* or progress\*) near/2 (psychos\* or psychotic\* or  
 #13 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"  
 ("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.  
 #16 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)

## 2.13 EconLIT - OVID SP

- 1 (prodrom\$ or risk\$ or symptom\$).kw,hw.  
 2 (blips or brief limited intermittent psychotic symptom\$ or ((attenuat\$ or early

or premonitory or pre monitory) adj2 (sign\$ or symptom\$) or pre delusion\$ 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.

3 or/1-2

(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.

5 3 and 4

6 ultra high risk.ti,ab.

((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.

8 or/5-7

### 3 Study design filters – all databases

#### 3.1 Health economic study design filter

##### 3.11 Health economic and quality of life study design filter

Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

1 budget/ or exp economic evaluation/ or exp fee/ or funding/ or exp health care cost/ or health economics/ or exp pharmacoeconomics/ or resource allocation/

2 1 use emez

3 exp budgets/ or exp “costs and cost analysis”/ or economics/ or exp economics, hospital/ or exp economics, medical/ or economics, nursing/ or economics, pharmaceutical/ or exp “fees and charges”/ or exp resource allocation/ or value of life/

4 3 use mesz

5 exp "costs and cost analysis"/ or "cost containment"/ or economics/ or finance/ or funding/ or health care economics/ or pharmacoeconomics/ or exp professional fees/ or resource allocation/

- 6 5 use psych  
(budget\$ or cost\$ or econom\$ or expenditure\$ or fee or fees or financ\$ or fund or funds or funding\$ or funded or (expenditure\$ not energy) or
- 7 pharmacoeconomic\$ or price or prices or pricing or ration or rations or rationing\$ or rationed or resource\$ allocat\$ or saving or (value adj2 (monetary or money))).ti,ab.  
decision theory/ or decision tree/ or monte carlo method/ or \*nonbiological
- 8 model/ or (statistical model/ and exp economic aspect/) or stochastic model/ or \*theoretical model/
- 9 8 use emez
- 10 exp decision theory/ or markov chains/ or exp models, economic/ or \*models, organizational/ or \*models, theoretical/ or monte carlo method/
- 11 10 use mesz
- 12 exp decision theory/ or exp stochastic modeling/
- 13 12 use psych
- 14 ((decision adj (analy\$ or model\$ or tree\$)) or economic model\$ or markov or monte carlo).ti,ab.
- 15 quality adjusted life year/ or "quality of life index"/ or short form 12/ or short form 20/ or short form 36/ or short form 8/ or sickness impact profile/
- 16 15 use emez
- 17 quality-adjusted life years/ or sickness impact profile/
- 18 17 use mesz
- 19 "quality of life"/
- 20 19 use psych
- 21 (((disability or quality) adj adjusted) or (adjusted adj2 life)).ti,ab.
- 22 (disutili\$ or (utilit\$ adj1 (health or score\$ or value\$ or weigh\$))).ti,ab.
- 23 (health year equivalent or hye or hyes).ti,ab.
- 24 (daly or qal or qald or qale or qaly or qtime\$ or qwb\$).ti,ab.
- 25 discrete choice.ti,ab.
- 26 (euroqol\$ or euro qol\$ or eq5d\$ or eq 5d\$).ti,ab.
- 27 (hui or hui1 or hui2 or hui3).ti,ab.
- 28 ((quality or value\$) adj3 (life or survival or well\$)).ti,ab.
- 29 (qol or hql\$ or hqol\$ or h qol\$ or hrqol or hr qol or hr ql or hrql).ti,ab.
- 30 rosser.ti,ab.
- 31 sickness impact profile.ti,ab.
- 32 (standard gamble or time trade\$ or tto or willingness to pay).ti,ab.
- 33 (sf36 or sf 36 or short form 36 or shortform 36 or sf thirtysix or sf thirty six or

shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six).ti,ab.

34 (sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six).ti,ab.

35 (sf12 or sf 12 or short form 12 or shortform 12 or sf twelve or sftwelve or shortform twelve or short form twelve).ti,ab.

36 (sf16 or sf 16 or short form 16 or shortform 16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).ti,ab

37 (sf20 or sf 20 or short form 20 or shortform 20 or sf twenty or sftwenty or shortform twenty or short form twenty).ti,ab.

38 or/ 2,4,6-7,9,11,13-14,16,18,20-37