

SEARCH STRATEGIES FOR THE IDENTIFICATION OF CLINICAL STUDIES

Scoping searches

A broad preliminary search of the literature was undertaken in March 2013 to obtain an overview of the issues likely to be covered by the scope, and to help define key areas. Searches were restricted to clinical guidelines, Health Technology Assessment (HTA) reports, key systematic reviews and RCTs.

- BMJ Clinical Evidence
- Canadian Medical Association (CMA) Infobase (Canadian guidelines)
- Clinical Policy and Practice Program of the New South Wales Department of Health (Australia)
- Clinical Practice Guidelines (Australian Guidelines)
- Cochrane Central Register of Controlled Trials (CENTRAL)
- Cochrane Database of Abstracts of Reviews of Effects (DARE)
- Cochrane Database of Systematic Reviews (CDSR)
- Excerpta Medica Database (Embase)
- Guidelines International Network (G-I-N)
- Health Evidence Bulletin Wales
- Health Management Information Consortium [HMIC]
- HTA database (technology assessments)
- Medical Literature Analysis and Retrieval System Online (MEDLINE/MEDLINE In-Process)
- National Health and Medical Research Council (NHMRC)
- National Library for Health (NLH) Guidelines Finder
- New Zealand Guidelines Group
- NHS Centre for Reviews and Dissemination (CRD)
- Organizing Medical Networked Information (OMNI) Medical Search
- Scottish Intercollegiate Guidelines Network (SIGN)
- Turning Research Into Practice (TRIP)
- United States Agency for Healthcare Research and Quality (AHRQ)
- Websites of NICE – including NHS Evidence - and the National Institute for Health Research (NIHR) HTA Programme for guidelines and HTAs in development.

Further information about this process can be found in The Guidelines Manual (NICE, 2012).

Systematic search

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 3.52. 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: experience of care					
Review question(s)	Search type	Search construction	Study design searched	Databases searched	Date range searched
1.1,1.2,1.3	Focused search	[((Population terms version 1) AND (qualitative systematic review study design filter terms)) OR ((patient experience terms) AND ((primary qualitative study design filter terms OR survey study design filter terms)))]	Systematic reviews of qualitative studies, primary qualitative studies, surveys.	General medical databases: CINAHL, Embase, Medline, PreMedline, PsycINFO	1995 to 07 April 2014

1.3	Generic search	General medical databases: [(population terms version 1) AND (RCT/SR study design filter terms)] Topic specific databases: [(population terms version 1)]	RCTs, systematic reviews of RCTs	General medical databases: CINAHL, Embase, Medline, PreMedline, PsycINFO Topic specific databases: CDSR, CENTRAL, DARE, HTA	2006 to 07 April 2014
Section 2: prevention					
Review question(s)	Search type	Search construction	Study design searched	Databases searched	Date range searched

2.1,2.2, 2.3	Generic search	General medical databases: [(population terms version 1) AND (RCT/SR study design filter terms)] Topic specific databases: [(population terms version 1)]	RCTs, systematic reviews of RCTs	General medical databases: CINAHL, Embase, Medline, PreMedline, PsycINFO Topic specific databases: CDSR, CENTRAL, DARE, HTA	2006 to 07 April 2014
Section 3: case identification and assessment					
Review question(s)	Search type	Search construction	Study design searched	Databases searched	Date range searched
3.1,3.2,3.3	Focused search	[(Population terms version 1) AND (((general identification instrument/ diagnostic assessment terms) AND (sensitivity/specificity terms)) OR (named instruments))]	All study designs	General medical databases: Embase, Medline, PreMedline, PsycINFO	Database inception to 07 April 2014
3.1,3.2,3.3	Generic search	General medical databases: [(population terms version 1) AND (RCT/SR study design filter terms)] Topic specific databases: [(population terms version 1)]	RCTs, systematic reviews of RCTs	General medical databases: CINAHL, Embase, Medline, PreMedline, PsycINFO Topic specific databases: CDSR,	2006 to 07 April 2014

				CENTRAL, DARE, HTA	
Section 4: interventions for the treatment of mental health problems					
Review question(s)	Search type	Search construction	Study design searched	Databases searched	Date range searched
4.1,4.2,4.3,4.4,4.5,4.6	Generic search	General medical databases: [(population terms version 1) AND (RCT/SR study design filter terms)] Topic specific databases: [(population terms version 1)]	RCTs, systematic reviews of RCTs	General medical databases: CINAHL, Embase, Medline, PreMedline, PsycINFO Topic specific databases: CDSR, CENTRAL, DARE, HTA	2006 to 07 April 2014
4.1	Focused search	[(still birth terms) AND (holding terms)]	All study designs	General medical databases: CINAHL, Embase, Medline, PreMedline, PsycINFO Topic specific databases: CDSR, CENTRAL, DARE, HTA	Database inception to April 2014

4.2	Focused search	<p>Search 1 [(population terms version 1 OR population terms version 2) AND (pharmacological terms) AND (harm terms) AND (cross sectional, cohort and case control study design filter terms)]</p> <p>Search 2 (high specificity) [(population terms version 1 OR population terms version 2) AND (pharmacological terms) AND (harm terms)]</p>	<p>Search 1 Cross sectional studies (including cohort and case-control studies)</p> <p>Search 2 All studies</p>	<p>General medical databases: Embase, Medline, PreMedline, PsycINFO</p>	<p>Database inception to April 2014</p>
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1 APMH STEM

1.1 Embase, Medline, PreMedline, PsycINFO – OVID SP

Version 1

- 1 birth/ or exp breastfeeding/ or breastmilk/ or exp childbirth/ or lactation/ or newborn/ or
obstetric\$.hw. or pelvimetry/ or perinatal period/ or exp pregnancy/ or exp pregnancy
disorder/
- 2 1 use emez
exp breastfeeding/ or exp delivery, obstetric/ or exp infant, newborn/ or exp lactation/ or
exp maternal health services/ or exp maternal child nursing/ or milk, human/ or
- 3 obstetric\$.hw. or parturition/ or pelvimetry/ or exp perinatal care/ or peripartum period/ or
exp postpartum period/ or exp pregnancy/ or exp pregnancy complications/ or exp
pregnancy, multiple/ or prenatal care/ or prenatal diagnosis/ or exp pregnancy trimesters/ or
uterine monitoring/ or weaning/
- 4 3 use mesz
breastfeeding/ or "labour (childbirth)"/ or lactation/ or obstetrical complications/ or
- 5 obstetric\$.hw,id. or perinatal period/ or postnatal care/ or postnatal period/ or exp
pregnancy/ or exp prenatal care/ or exp pregnancy outcomes/ or prenatal diagnosis/ or
weaning/
- 6 5 use psych
(ante?natal\$ or ante?part\$ or birth\$ or breastfeed\$ or (breast adj (feed\$ or fed)) or
child?birth\$ or ((first or second or third) adj2 trimester\$) or labor or laboring or labour or
- 7 labouring or lactat\$ or maternal\$ or new?born\$ or peri?natal\$ or obstetric\$ or postbirth\$ or
post?partum\$ or post?natal\$ or pregnan\$ or pre?nat\$ or puerperal\$ or puerperium\$ or
wean\$1 or weaning).ti,ab.
- 8 or/2,4,6-7
- 9 exp mental disease/ or mental patient/
- 10 9 use emez
- 11 exp mental disorders/ or mentally ill persons/
- 12 11 use mesz
- 13 exp chronic mental illness/ or exp mental disorders/
- 14 13 use psych
- 15 ((mental\$ or psychologic\$) adj2 (deficien\$ or disease\$ or disorder\$ or disturbance\$ or
dysfunction\$ or health or illness\$ or problem\$)).ti,ab,id.
- 16 or/10,12,14-15
- 17 anxiety/ or exp anxiety disorder/ or hyperhidrosis/ or exp mutism/
- 18 17 use emez
- 19 anxiety/ or exp anxiety disorders/ or blushing/ or exp hyperhidrosis/ or mutism/ or or
shyness/
- 20 19 use mesz
- 21 anxiety/ or anxiety management/ or exp anxiety disorders/ or exp mutism/ or social anxiety/

- or sweating/ or timidity/
- 22 21 use psych
- (anxiety or anxious or ((chronic or excessive or intense or (long adj2 last) or neurotic or
- 23 neurotic or ongoing or persistent or serious or severe or uncontrolled or uncontrolled or
unrelenting or unrelenting) adj2 worry)).ti,ab,id.
- (body dysmorphic disorder or compulsions or compulsive behavior or obsessive behavior).sh.
or (body dysmorphic or clean response or compulsion or dysmorphic or imagine
- 24 ugliness or obsession or obsessional or obsessions or obsessive compulsive or obsessively ruminating
or ocd or osteochondritis or recurring thought or scrupulousness or ((arranging or checking or cleaning
or counting or hoarding or ordering or repeating or symmetrical or washing) adj2 compulsive)).ti,ab,id,hw.
- 25 panic.sh. or panic.ti,ab.
- (acrophobia or agoraphobia or claustrophobia or emetophobia or entomophobia or
homophobia or infantophobia or kinesiophobia or lesbophobia or neophobia or neurophobia or
phobia or transphobia or topophobia or trypanophobia or xenophobia or ((acute or chronic
or extreme or intense or irrational or persistent or serious) adj2 fear) or (fear adj4 (air
26 travel or animal or birth or blood or buses or ((closed or public) adj2 space) or
childbirth or crowd or dark or dental or dentist or dog or dying or falls or falling or fly
or flying or height or hypochondriacal or injection or injury or laughing or leaving home or
lightning or movement or needle or night or panic or plane or pregnant or reinjure
or school or snake or space or spider or test or thunder or tokophobia or tocophobia
or train or travel or water) or specific fear).ti,ab,id.
- ((anxiety or anxious or phobia or phobic) adj2 (performance or social)) or
anthropophobia or socioanxiety or sociophobia or ((blush or sweat or tremble) adj3 (anxiety
or anxious or chronic or excessive or fear or severe)) or ((interpersonal or inter personal
or social or socio) adj2 (aversion or aversive or confidence or difficult or disorder or
27 distress or fear)) or hyperhidrosis or hyperperspiration or (hyper adj (hidrosis or
perspiration)) or ((mute or mutism) adj2 (elective or selective)) or ((negative evaluation or
speak) adj3 (anxiety or anxious or distress or fear)) or paruresis or (((personality or
phobia or social or socio) adj2 avoid) or avoidant disorder) or ((phobia or social) adj2
neurotic) or phobic disorder or (shy or shyness) or specific phobia).ti,ab,id.
- (critical incident stress or emotional trauma or psychological stress or stress, psychological or
traumatic neurosis).sh. or (acute stress or asd or combat neurotic or combat syndrome or
desnos or ((extreme or psycho) adj (stress or trauma)) or flash back or flashback or
28 hypervigilant or hypervigilant or posttrauma or post trauma or ptsd or railway spine or
(rape adj2 trauma) or re experience or reexperience or stress disorder or torture
syndrome or (traumatic adj (neurotic or stress)) or (trauma and (avoidance or birth or
death or emotion or grief or horror or nightmare or night mare))).ti,ab,id.
- 29 or/18,20,22-28
- 30 exp eating disorder/ use emez or exp eating disorders/ use mesz,psych or binge eating/ use
psych
- (anorexia or binge or bulimia or (compulsive adj2 (eat or vomit)) or (eating adj2 disorder)
- 31 or ednos or ((forced or self induced or selfinduced) adj2 (purge or vomit)) or hyperorexia or
over eat or overeat or (restrict adj2 eat)).ti,ab,id.
- 32 or/30-31
- 33 exp mood disorder/ use emez

- 34 depression/ or exp mood disorders/ use mesz
- 35 exp affective disorders/ use psych
- 36 ((affective or mood) adj (disorder\$ or disturbance\$ or dysfunction\$)).ti,ab,id.
- 37 (cyclothym\$ or depres\$ or dysthym\$ or (low adj2 mood) or melanchol\$ or seasonal affective disorder\$).ti,ab,id.
- 38 (((bipolar or bi polar) adj5 (disorder\$ or depress\$)) or ((cyclothymi\$ or rapid or ultradian) adj5 cycl\$) or hypomani\$ or mania\$ or manic\$ or mixed episode\$ or rcbd).ti,ab,id.
- 39 or/33-38
- 40 "explode schizophrenia"/ or (psychosis\$ or psychotic\$).hw.
- 41 40 use emez
- 42 exp psychotic disorders/ or exp schizophrenia/ or "schizophrenia and disorders with psychotic features"/
- 43 42 use mesz
- 44 exp psychosis/ or exp schizophrenia/
- 45 44 use psych
- (a?athisi\$ or hebephreni\$ or (neuroleptic\$ and ((malignant and syndrome) or (movement adj2 disorder))) or oligophreni\$ or psychotic\$ or psychos?s or schizo\$ or (tardiv\$ and dyskine\$)).ti,ab,id. or ((parkinsoni\$ or neuroleptic induc\$).ti,ab,id. not (parkinson\$ and disease).ti.) or (delusion\$ or hallucinat\$ or paranoi\$ or psychiatric\$ or thought disorder\$).ti,ab,id,hw.
- 47 or/41,43,45-46
- 48 exp personality disorder/ use emez
- 49 exp personality disorders/ use mesz
- 50 exp personality disorders/
- 51 50 use psych
- 52 (((aggressiv\$ or anxious\$ or borderline\$ or dependent\$ or eccentric\$ or emotional\$ or immature or passiv\$ or psychoneurotic or psycho neurotic or unstable) adj5 personalit\$) or (anal\$ adj (personalit\$ or character\$ or retentiv\$)) or aspd or character disorder\$ or (personalit\$ adj5 disorder\$)).ti,ab,id.
- (anankastic\$ or asocial\$ or avoidant\$ or antisocial\$ or anti social\$ or compulsiv\$ or dissocial\$ or histrionic\$ or narciss\$ or neuropsychopath\$ or obsessiv\$ or paranoi\$ or psychopath\$ or sadist\$ or schizoid\$ or schizotyp\$ or sociopath\$ or (moral adj2 insanity)).ti,ab,id.
- 53 or histrionic\$ or narciss\$ or neuropsychopath\$ or obsessiv\$ or paranoi\$ or psychopath\$ or sadist\$ or schizoid\$ or schizotyp\$ or sociopath\$ or (moral adj2 insanity)).ti,ab,id.
- 54 (cluster a or cluster b or cluster c or (dsm and (axis and ii)) or (icd and (f60 or f61 or f62)) or ((anxious\$ or dramatic\$ or eccentric\$ or emotional\$ or fearful\$ or odd\$) adj5 cluster\$)).ti,ab.
- 55 or/48-49,51-54
- 56 automutilation/ or exp suicidal behavior/
- 57 56 use emez
- 58 self-injurious behavior/ or self mutilation/ or suicide/ or suicidal ideation/ or suicide, attempted/
- 59 58 use mesz
- 60 suicide/ or attempted suicide/ or exp self injurious behavior/ or suicidal ideation/ or suicide prevention/ or suicidology/

- 61 60 use psyh
 (autoaggress\$ or automutilat\$ or (auto adj (aggress\$ or mutilat\$)) or cutt\$ or overdose\$ or
 62 (self adj2 cut\$) or selfdestruct\$ or selfharm\$ or selfimmolat\$ or selfinflict\$ or selfinjur\$ or
 selfmutilat\$ or selfpoison\$ or (self adj (destructbor\$ or harm\$ or immolat\$ or inflict\$ or
 injur\$ or mutilat\$ or poison\$)) or suicid\$).ti,ab,id.
- 63 or/57,59,61-62
- 64 addiction/ or alcoholism/ or exp alcohol abuse/ or exp drug dependence/ or exp drug abuse/
 or substance abuse/ or withdrawal syndrome/
- 65 64 use emez
- 66 drug seeking behavior/ or exp substance-related disorders/
- 67 66 use mesz
- 68 addiction/ or exp drug abstinence/ or drug abuse prevention/ or exp drug abuse/ or drug
 overdoses/ or exp drug withdrawal/ or needle exchange programs/ or sobriety/
- 69 68 use psyh
- 70 (alcoholi\$ or (alcohol\$ and (abstinence or detoxification or intoxicat\$ or rehabilit\$ or
 withdraw\$))).id,hw.
 (alcoholi\$ or drinker\$1 or (drink\$ adj2 use\$1) or ((alcohol\$ or drink\$) adj5 (abstinen\$ or
 abstain\$ or abus\$ or addict\$ or attenuat\$ or binge\$ or crav\$ or dependen\$ or detox\$ or
 71 disease\$ or disorder\$ or excessiv\$ or harm\$ or hazard\$ or heavy or high risk or intoxicat\$ or
 misus\$ or overdos\$ or over dos\$ or problem\$ or rehab\$ or reliance or reliant or relaps\$ or
 withdraw\$)) or (control\$ adj2 drink\$) or sobriet\$).ti,ab,id.
 (cannabis or cocaine or hashish or heroin or marihuana or marijua\$ or ((acetomorphine or
 amphetamine\$ or amphetamine\$ or analeptic\$ or crack or crank or dextroamphetamine\$ or
 diacephine or diacetylmorphine or diacetylmorphine or diamorphin\$ or diamorphine or
 diaphorin or drug or methadone\$ or methamphetamine\$ or morfin\$ or morphacetin or
 72 morphin\$ or naltrexone or narcotic\$ or opioid\$ or opium or polydrug\$ or psychostimulant\$
 or speed or stimulant\$ or stimulant\$ or substance or uppers) adj3 (abstain\$ or abstinen\$ or
 abus\$ or addict\$ or (excessive adj use\$) or dependen\$ or (inject\$ adj2 drug\$) or intoxicat\$ or
 misus\$ or over dos\$ or overdos\$ or (use\$ adj (disorder\$ or illicit)) or withdraw\$)) or ((drug or
 substance) adj use\$)).ti,ab,hw,id.
- 73 or/65,67,69-72
- 74 or/16,29,32,39,47,55,63,73
- 75 8 and 74

**1.2 CINAHL – EBSCO host
 Version 1**

s53	s11 and s52
s52	s12 or s13 or s14 or s15 or s16 or s17 or s18 or s19 or s20 or s21 or s22 or s23 or s24 or s25 or s26 or s27 or s28 or s29 or s30 or s31 or s32 or s33 or s34 or s35 or s36 or s37 or s38 or s39 or s40 or s41 or s42 or s43 or s44 or s45 or s46 or s47 or s48 or s49 or s50 or s51
s51	ti ((cannabis or cocaine or hashish or heroin or marihuana or marijua* or ((acetomorphine

	<p>or amphetamine* or amphetamine* or analeptic* or crack or crank or dextroamphetamine* or diacephine or diacetylmorphine or diacetylmorphine or diamorphin* or diamorphine or diaphorin or drug or methadone* or methamphetamine* or morfin* or morphacetin or morphin* or naltrexone or narcotic* or opioid* or opium or polydrug* or psychostimulant* or speed or stimulant* or stimulant* or substance or uppers) n3 (abstain* or abstinen* or abus* or addict* or (excessive n1 use*) or dependen* or (inject* n2 drug*) or intoxicat* or misus* or "over dos*" or overdos* or (use* n1 (disorder* or illicit)) or withdraw*)) or ((drug or substance) n1 use*))) or ab ((cannabis or cocaine or hashish or heroin or marihuana or marijua* or ((acetomorphine or amphetamine* or amphetamine* or analeptic* or crack or crank or dextroamphetamine* or diacephine or diacetylmorphine or diacetylmorphine or diamorphin* or diamorphine or diaphorin or drug or methadone* or methamphetamine* or morfin* or morphacetin or morphin* or naltrexone or narcotic* or opioid* or opium or polydrug* or psychostimulant* or speed or stimulant* or stimulant* or substance or uppers) n3 (abstain* or abstinen* or abus* or addict* or (excessive n1 use*) or dependen* or (inject* n2 drug*) or intoxicat* or misus* or "over dos*" or overdos* or (use* n1 (disorder* or illicit)) or withdraw*)) or ((drug or substance) n1 use*)))</p>
s50	mw cannabis or cocaine or hashish or heroin or marihuana or marijua*
s49	<p>ti ((alcoholi* or drinker* or (drink* n2 use*) or ((alcohol* or drink*) n5 (abstinen* or abstain* or abus* or addict* or attenuat* or binge* or crav* or dependen* or detox* or disease* or disorder* or excessiv* or harm* or hazard* or heavy or "high risk" or intoxicat* or misus* or overdos* or "over dos*" or problem* or rehab* or reliance or reliant or relaps* or withdraw*)) or (control* n2 drink*) or sobriet*)) or ab ((alcoholi* or drinker* or (drink* n2 use*) or ((alcohol* or drink*) n5 (abstinen* or abstain* or abus* or addict* or attenuat* or binge* or crav* or dependen* or detox* or disease* or disorder* or excessiv* or harm* or hazard* or heavy or "high risk" or intoxicat* or misus* or overdos* or "over dos*" or problem* or rehab* or reliance or reliant or relaps* or withdraw*)) or (control* n2 drink*) or sobriet*))</p>
s48	mw (alcohol* and (abstinence or detoxification or intoxicat* or rehabilit* or withdraw*)) or mw alcoholi*
s47	(mh "drug abuse (saba ccc)") or (mh "drug abuse control (saba ccc)") or (mh "substance use rehabilitation programs+")
s46	(mh "substance dependence+") or (mh "alcohol withdrawal syndrome+") or (mh "substance withdrawal syndrome") or (mh "neonatal abstinence syndrome") or (mh "substance abuse+") or (mh "substance use disorders+")
s45	<p>ti ((autoaggress* or automutilat* or (auto n1 (aggress* or mutilat*)) or cutt* or overdose* or (self n2 cut*) or selfdestruct* or selfharm* or selfimmolat* or selfinflict* or selfinjur* or selfmutilat* or selfpoison* or (self n1 (destruct* or harm* or immolat* or inflict* or injur* or mutilat* or poison*)) or suicid*)) or ab ((autoaggress* or automutilat* or (auto n1 (aggress* or mutilat*)) or cutt* or overdose* or (self n2 cut*) or selfdestruct* or selfharm* or selfimmolat* or selfinflict* or selfinjur* or selfmutilat* or selfpoison* or (self n1 (destruct* or harm* or immolat* or inflict* or injur* or mutilat* or poison*)) or suicid*))</p>
s44	(mh "suicide") or (mh "suicidal ideation") or (mh "suicide, attempted") or (mh "suicide risk (saba ccc)") or (mh "suicide self-restraint (iowa noc)") or (mh "suicide prevention (iowa

	nic")
s43	(mh "risk for self-mutilation (nanda)") or (mh "self mutilation risk (saba ccc)") or (mh "self-mutilation restraint (iowa noc)") or (mh "injuries, self-inflicted")
s42	(mh "self-injurious behavior")
s41	ti (("cluster a" or "cluster b" or "cluster c" or (dsm and (axis and ii)) or (icd and (f60 or f61 or f62)) or ((anxious* or dramatic* or eccentric* or emotional* or fearful* or odd*) n5 cluster*))) or ab (("cluster a" or "cluster b" or "cluster c" or (dsm and (axis and ii)) or (icd and (f60 or f61 or f62)) or ((anxious* or dramatic* or eccentric* or emotional* or fearful* or odd*) n5 cluster*)))
s40	ti ((anankastic* or asocial* or avoidant* or antisocial* or "anti social*" or compulsiv* or dissocial* or histrionic* or narciss* or neuropsychopath* or obsessiv* or paranoi* or psychopath* or sadist* or schizoid* or schizotyp* or sociopath* or (moral n2 insanity))) or ab ((anankastic* or asocial* or avoidant* or antisocial* or "anti social*" or compulsiv* or dissocial* or histrionic* or narciss* or neuropsychopath* or obsessiv* or paranoi* or psychopath* or sadist* or schizoid* or schizotyp* or sociopath* or (moral n2 insanity)))
s39	ti ((((aggressiv* or anxious* or borderline* or dependent* or eccentric* or emotional* or immature or passiv* or psychoneurotic or "psycho neurotic" or unstable) n5 personalit*) or (anal* n1 (personalit* or character* or retentiv*)) or aspd or "character disorder*" or (personalit* n5 disorder*))) or ab ((((aggressiv* or anxious* or borderline* or dependent* or eccentric* or emotional* or immature or passiv* or psychoneurotic or "psycho neurotic" or unstable) n5 personalit*) or (anal* n1 (personalit* or character* or retentiv*)) or aspd or "character disorder*" or (personalit* n5 disorder*)))
s38	(mh "personality disorders+")
s37	tx (parkinsoni* or "neuroleptic induc*" or psychiatric*) not ti ((parkinson* and disease))
s36	tx (((acathisi* or akathisi* or hebephrenic* or (neuroleptic* and ((malignant and syndrome) or (movement n2 disorder))) or oligophreni* or psychotic* or psychosis or psychoses or schizo* or (tardive* and dyskine*)) or (delusion* or hallucinat* or paranoi* or "thought disorder*")))
s35	(mh "psychotic disorders+")
s34	ti ((((bipolar or "bi polar") n5 (disorder* or depress*)) or ((cyclothymi* or rapid or ultradian) n5 cycl*) or hypomani* or mania* or manic* or "mixed episode*" or rcbd) or ab ((((bipolar or "bi polar") n5 (disorder* or depress*)) or ((cyclothymi* or rapid or ultradian) n5 cycl*) or hypomani* or mania* or manic* or "mixed episode*" or rcbd)
s33	ti ((cyclothym* or depres* or dysthym* or (low n2 mood) or melanchol* or "seasonal affective disorder*")) or ab ((cyclothym* or depres* or dysthym* or (low n2 mood) or melanchol* or "seasonal affective disorder*"))
s32	ti (((affective or mood) n1 (disorder* or disturbance* or dysfunction*))) or ab (((affective or mood) n1 (disorder* or disturbance* or dysfunction*)))
s31	(mh "affective disorders+")
s30	ti ((anorexi* or bing* or bulimi* or (compulsive* n2 (eat* or vomit*)) or (eating n2 disorder*) or ednos or hyperorexia or "over eat*" or overeate* or ((forced or "self induc*" or

	selfinduc*) n2 (purg* or vomit*) or (restrict* n2 eat*))) or ab ((anorexi* or bing* or bulimi* or (compulsive* n2 (eat* or vomit*)) or (eating n2 disorder*) or ednos or hyperorexia or "over eat*" or overeate* or ((forced or "self induc*" or selfinduc*) n2 (purg* or vomit*)) or (restrict* n2 eat*)))
s29	(mh "eating disorders management (iowa nic)")
s28	(mh "eating disorders+")
s27	ti (("acute stress" or asd or "combat neuros*" or "combat syndrome" or desnos or "extreme stress" or "flash back*" or flashback* or hypervigilan* or hypervigilen* or posttrauma* or "post trauma*" or (psycho* n1 (stress* or trauma*)) or ptsd or "railway spine" or (rape n2 trauma*) or "re experienc*" or reexperient* or "stress disorder*" or "torture syndrome" or (traumatic n1 (neuros* or stress)) or (trauma* and (avoidance or death* or emotion* or grief or horror or nightmare* or "night mare*")))) or ab (("acute stress" or asd or "combat neuros*" or "combat syndrome" or desnos or "extreme stress" or "flash back*" or flashback* or hypervigilan* or hypervigilen* or posttrauma* or "post trauma*" or (psycho* n1 (stress* or trauma*)) or ptsd or "railway spine" or (rape n2 trauma*) or "re experienc*" or reexperient* or "stress disorder*" or "torture syndrome" or (traumatic n1 (neuros* or stress)) or (trauma* and (avoidance or death* or emotion* or grief or horror or nightmare* or "night mare*"))))
s26	(mh "stress, psychological") or (mh "critical incident stress")
s25	ti ((((anxiet* or anxious* or phobia* or phobic*) n2 (performance or social*)) or anthropophobi* socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) n3 (anxiet* or anxious* or chronic* or excessiv* or fear* or severe)) or ((interpersonal or "inter personal" or social* or socio*) n2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or hyperhydrosis or hyperperspirat* or (hyper n1 (hydrosis or perspirat*)) or ((mute* or mutism) n2 (elective* or selective*)) or ((negative evaluation or speak*) n3 (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) n2 avoid*) or "avoidant disorder") or ((phobi* or social) n2 neuros*) or "phobic disorder*" or (shy or shyness) or "specific phobia*")) or ab ((((anxiet* or anxious* or phobia* or phobic*) n2 (performance or social*)) or anthropophobi* socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) n3 (anxiet* or anxious* or chronic* or excessiv* or fear* or severe)) or ((interpersonal or "inter personal" or social* or socio*) n2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or hyperhydrosis or hyperperspirat* or (hyper n1 (hydrosis or perspirat*)) or ((mute* or mutism) n2 (elective* or selective*)) or ((negative evaluation or speak*) n3 (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) n2 avoid*) or "avoidant disorder") or ((phobi* or social) n2 neuros*) or "phobic disorder*" or (shy or shyness) or "specific phobia*"))
s24	ti ((phobi* or (fear* n4 birth*) or tokophob* or tocophob*)) or ab ((phobi* or (fear* n4 birth*) or tokophob* or tocophob*))
s23	ti panic* or ab panic*
s22	ti (("body dysmorphi*" or "clean* response*" or compulsion* or dysmorphophobi* or "imagine* ugl*" or obsession or obsessional or obsessions or "obsessive compulsive" or "obsess* ruminat*" or ocd or osteochondr* or (recurr* n1 thought) or scrupulosity or ((arrang* or check* or clean* or count* or hoard* or order* or repeat* or symmetr* or

	wash*) n1 compulsi*)) or ab (("body dysmorphi*" or "clean* response*" or compulsion* or dysmorphophobi* or "imagine* ugl*" or obsession or obsessional or obsessions or "obsessive compulsive" or "obsess* ruminat*" or ocd or osteochondr* or (recurr* n1 thought) or scrupulosity or ((arrang* or check* or clean* or count* or hoard* or order* or repeat* or symmetr* or wash*) n1 compulsi*)))
s21	(mh "compulsive behavior")
s20	(mh "body dysmorphic disorder")
s19	ti ((anxiet* or anxious* or ((chronic* or excessiv* or intens* or (long* n2 last*) or neuros* or neurotic* or ongoing or persist* or serious* or sever* or uncontrol* or "un control*" or unrelent* or "un relent*") n2 worry))) or ab ((anxiet* or anxious* or ((chronic* or excessiv* or intens* or (long* n2 last*) or neuros* or neurotic* or ongoing or persist* or serious* or sever* or uncontrol* or "un control*" or unrelent* or "un relent*") n2 worry)))
s18	(mh "shyness")
s17	(mh "mutism")
s16	(mh "hyperhidrosis+")
s15	(mh "anxiety disorders+")
s14	(mh "anxiety+") or (mh "anxiety (saba ccc)") or (mh "anxiety (nanda)") or (mh "anxiety control (iowa noc)") or (mh "anxiety reduction (iowa nic)")
s13	ti (((mental* or psycholog*) n2 (deficien* or disease* or disorder* or disturbance* or dysfunction* or health or illness* or problem*))) or ab (((mental* or psycholog*) n2 (deficien* or disease* or disorder* or disturbance* or dysfunction* or health or illness* or problem*)))
s12	(mh "mental disorders+") or (mh "mental disorders, chronic")
s11	s1 or s2 or s3 or s4 or s5 or s6 or s7 or s8 or s9 or s10
s10	ti ((antenatal* or "ante natal*" or antepart* or "ante part*" or birth* or breastfeed* or (breast n1 (feed* or fed)) or childbirth* or ((first or second or third) n2 trimester*) or labor or laboring or labour or labouring or lactat* or maternal* or newborn* or "new born*" or obstetric* or perinatal* or "peri natal*" or postbirth* or postpartum* or "post partum*" or postnatal* or "post natal*" or pregnan* or prenatal* or "pre nat*" or puerperal* or puerperium* or wean* or weaning)) or ab ((antenatal* or "ante natal*" or antepart* or "ante part*" or birth* or breastfeed* or (breast n1 (feed* or fed)) or childbirth* or ((first or second or third) n2 trimester*) or labor or laboring or labour or labouring or lactat* or maternal* or newborn* or "new born*" or obstetric* or perinatal* or "peri natal*" or postbirth* or postpartum* or "post partum*" or postnatal* or "post natal*" or pregnan* or prenatal* or "pre nat*" or puerperal* or puerperium* or wean* or weaning))
s9	(mh "prenatal care (iowa nic)") or (mh "prenatal diagnosis+")
s8	(mh "postnatal period+") or (mh "postpartal care (iowa nic)") or (mh "pregnancy+") or (mh "pregnancy complications+") or (mh "pregnancy, multiple+") or (mh "pregnancy trimesters+") or (mh "pregnancy, unwanted") or (mh "pregnancy, unplanned")
s7	(mh "pelvimetry")

s6	mw obstetric*
s5	(mh "maternal-child care+")
s4	(mh "maternal health services+")
s3	(mh "maternal-child nursing+")
s2	(mh "infant, newborn+")
s1	(mh "breast feeding+") or (mh "lactation suppression (iowa nic)") or (mh "lactation management (iowa nic)") or (mh "milk, human") or (mh "weaning")

1.3 Cochrane Library – Wiley Version 1

- #1 mesh descriptor: [breastfeeding] explode all trees
- #2 mesh descriptor: [infant, newborn] explode all trees
- #3 mesh descriptor: [maternal health services] explode all trees
- #4 mesh descriptor: [maternal-child nursing] explode all trees
- #5 mesh descriptor: [milk, human] this term only
- #6 mesh descriptor: [pelvimetry] this term only
- #7 mesh descriptor: [perinatal care] explode all trees
- #8 mesh descriptor: [peripartum period] this term only
- #9 mesh descriptor: [postpartum period] explode all trees
- #10 mesh descriptor: [parturition] this term only
- #11 mesh descriptor: [pregnancy] explode all trees
- #12 mesh descriptor: [pregnancy complications] explode all trees
- #13 mesh descriptor: [pregnancy, multiple] explode all trees
- #14 mesh descriptor: [prenatal care] this term only
- #15 mesh descriptor: [prenatal diagnosis] this term only
- #16 mesh descriptor: [pregnancy trimesters] explode all trees
- #17 mesh descriptor: [uterine monitoring] this term only
- #18 mesh descriptor: [weaning] this term only
- #19 obstetric*:kw
- #20 (antenatal* or "ante natal*" or antepart* or "ante part*" or birth* or breastfeed* or (breast near/1 (feed* or fed)) or childbirth* or ((first or second or third) near/2 trimester*) or labor or laboring or labour or labouring or lactat* or maternal* or newborn* or "new born*" or obstetric* or perinatal* or "peri natal*" or postbirth* or postpartum* or "post partum*" or postnatal* or "post natal*" or pregnan* or prenat* or "pre nat*" or puerperal* or puerperium* or wean* or weaning):ti
- #21 (antenatal* or "ante natal*" or antepart* or "ante part*" or birth* or breastfeed* or (breast near/1 (feed* or fed)) or childbirth* or ((first or second or third) near/2 trimester*) or labor or laboring or labour or labouring or lactat* or maternal* or newborn* or "new born*" or obstetric* or perinatal* or "peri natal*" or postbirth* or postpartum* or "post partum*" or postnatal* or "post natal*" or pregnan* or prenat* or "pre nat*" or puerperal* or puerperium* or wean* or weaning):ab
- #22 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21

- #23 mesh descriptor: [mental disorders] explode all trees
- #24 mesh descriptor: [mentally ill persons] this term only
- #25 ((mental* or psychologic*) near/2 (deficien* or disease* or disorder* or disturbance* or dysfunction* or health or illness* or problem*)):ti
- #26 ((mental* or psychologic*) near/2 (deficien* or disease* or disorder* or disturbance* or dysfunction* or health or illness* or problem*)):ab
- #27 mesh descriptor: [anxiety] this term only
- #28 mesh descriptor: [anxiety disorders] explode all trees
- #29 mesh descriptor: [blushing] this term only
- #30 mesh descriptor: [hyperhidrosis] explode all trees
- #31 mesh descriptor: [mutism] this term only
- #32 mesh descriptor: [shyness] this term only
- #33 (anxiet* or anxious* or ((chronic* or excessiv* or intens* or (long* near/2 last*) or neuros* or neurotic* or ongoing or persist* or serious* or sever* or uncontrol* or "un control*" or unrelent* or "un relent*") near/2 worry)):ti
- #34 (anxiet* or anxious* or ((chronic* or excessiv* or intens* or (long* near/2 last*) or neuros* or neurotic* or ongoing or persist* or serious* or sever* or uncontrol* or "un control*" or unrelent* or "un relent*") near/2 worry)):ab
- #35 mesh descriptor: [body dysmorphic disorders] this term only
- #36 mesh descriptor: [compulsive behavior] explode all trees
- #37 mesh descriptor: [obsessive behavior] this term only
- #38 ("clean* response*" or compulsion* or obsession* or ("obsessive compulsive" near/1 (disorder* or neuros*)) or ocd or osteochondr* or compulsion or (recurr* near/1 (obsession* or thought)) or "body dysmorphi*" or dysmorphophobi* or "imagine* ugl*" or "obsess* ruminat*" or scrupulosity or ((arrang* or check* or clean* or count* or hoard* or order* or repeat* or symmetr* or wash*) near/1 compulsi*)):ab
- #39 ("clean* response*" or compulsion* or obsession* or ("obsessive compulsive" near/1 (disorder* or neuros*)) or ocd or osteochondr* or compulsion or (recurr* near/1 (obsession* or thought)) or "body dysmorphi*" or dysmorphophobi* or "imagine* ugl*" or "obsess* ruminat*" or scrupulosity or ((arrang* or check* or clean* or count* or hoard* or order* or repeat* or symmetr* or wash*) near/1 compulsi*)):ti
- #40 mesh descriptor: [panic] this term only
- #41 panic*:ti
- #42 panic*:ab
- #43 (acrophob* or agoraphob* or claustrophob* or emetophob* or enfantaphob* or homophob* or infantaphob* or kinesiphob* or lesbophob* or neophob* or neurophob* or phobi* or transphob* or to?ophobi* or trypanophob* or xenophob* or ((acute* or chronic* or extreme* or intens* or irrational* or persistent* or serious*) near/2 fear*) or (fear* near/4 ("air travel" or animal* or birth* or blood* or buses or ((closed or public) near/2 space*) or childbirth* or crowd* or dark* or dental* or dentist* or dog* or dying or falls or falling or fly or flying or height* or hypochondriacal or injection* or injur* or laughed or "leaving home" or lightening or movement* or needle* or night* or panic* or plane* or pregnan* or reinjure* or school* or snake* or space* or spider* or test* or thunder* or tokophob* or tocophob* or train* or travel* or water)) or "specific fear*"):ti
- #44 (acrophob* or agoraphob* or claustrophob* or emetophob* or enfantaphob* or homophob* or infantaphob* or kinesiphob* or lesbophob* or neophob* or neurophob* or phobi* or transphob* or to?ophobi* or trypanophob* or xenophob* or

- ((acute* or chronic* or extreme* or intens* or irrational* or persistent* or serious*) near/2 fear*) or (fear* near/4 ("air travel" or animal* or birth* or blood* or buses or ((closed or public) near/2 space*) or childbirth* or crowd* or dark* or dental* or dentist* or dog* or dying or falls or falling or fly or flying or height* or hypochondriacal or injection* or injur* or laughed or "leaving home" or lightening or movement* or needle* or night* or panic* or plane* or pregnan* or reinjure* or school* or snake* or space* or spider* or test* or thunder* or tokophob* or tocophob* or train* or travel* or water)) or "specific fear*"):ab
- #45 (((anxiet* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or anthropophobi* socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear* or severe)) or ((interpersonal or "inter personal" or social* or socio*) near/2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or hyperhydrosis or hyperperspirat* or (hyper near/1 (hydrosis or perspirat*)) or ((mute* or mutism) near/2 (elective* or selective*)) or ((negative evaluation or speak*) near/3 (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) near/2 avoid*) or "avoidant disorder") or ((phobi* or social) near/2 neuros*) or "phobic disorder*" or (shy or shyness) or "specific phobia*"):ti
- #46 (((anxiet* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or anthropophobi* socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear* or severe)) or ((interpersonal or "inter personal" or social* or socio*) near/2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or hyperhydrosis or hyperperspirat* or (hyper near/1 (hydrosis or perspirat*)) or ((mute* or mutism) near/2 (elective* or selective*)) or ((negative evaluation or speak*) near/3 (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) near/2 avoid*) or "avoidant disorder") or ((phobi* or social) near/2 neuros*) or "phobic disorder*" or (shy or shyness) or "specific phobia*"):ab
- #47 mesh descriptor: [stress, psychological] this term only
- #48 ("acute stress" or asd or "combat neuros*" or "combat syndrome" or desnos or "extreme stress" or "flash back*" or flashback* or hypervigilan* or hypervigilen* or posttrauma* or "post trauma*" or (psycho* near/1 (stress* or trauma*)) or ptsd or "railway spine" or (rape near/2 trauma*) or "re experienc*" or reexperienc* or "stress disorder*" or "torture syndrome" or (traumatic near/1 (neuros* or stress)) or (trauma* and (avoidance or death* or emotion* or grief or horror or nightmare* or "night mare*"))):ti
- #49 ("acute stress" or asd or "combat neuros*" or "combat syndrome" or desnos or "extreme stress" or "flash back*" or flashback* or hypervigilan* or hypervigilen* or posttrauma* or "post trauma*" or (psycho* near/1 (stress* or trauma*)) or ptsd or "railway spine" or (rape near/2 trauma*) or "re experienc*" or reexperienc* or "stress disorder*" or "torture syndrome" or (traumatic near/1 (neuros* or stress)) or (trauma* and (avoidance or death* or emotion* or grief or horror or nightmare* or "night mare*"))):ab
- #50 mesh descriptor: [eating disorders] explode all trees
- #51 (anorexi* or bing* or bulimi* or (compulsive* near/2 (eat* or vomit*)) or (eating near/2 disorder*) or hyperorexia or "over eat*" or overeat* or ((forced or "self induc*" or selfinduc*) near/2 (purg* or vomit*)) or (restrict* near/2 eat*)):ti

- #52 (anorexi* or bing* or bulimi* or (compulsive* near/2 (eat* or vomit*)) or (eating near/2 disorder*) or hyperorexia or "over eat*" or overeate* or ((forced or "self induc*" or selfinduc*) near/2 (purg* or vomit*)) or (restrict* near/2 eat*)):ab
- #53 mesh descriptor: [depression] this term only
- #54 mesh descriptor: [mood disorders] explode all trees
- #55 ((affective or mood) near/1 (disorder* or disturbance* or dysfunction*)):ti
- #56 ((affective or mood) near/1 (disorder* or disturbance* or dysfunction*)):ab
- #57 (cyclothym* or depres* or dysthym* or (low near/2 mood) or melanchol* or "seasonal affective disorder*"):ti
- #58 (cyclothym* or depres* or dysthym* or (low near/2 mood) or melanchol* or "seasonal affective disorder*"):ab
- #59 (((bipolar or "bi polar") near/5 (disorder* or depress*)) or ((cyclothymi* or rapid or ultradian) near/5 cycl*) or hypomani* or mania* or manic* or "mixed episode*" or rcbd):ti
- #60 (((bipolar or "bi polar") near/5 (disorder* or depress*)) or ((cyclothymi* or rapid or ultradian) near/5 cycl*) or hypomani* or mania* or manic* or "mixed episode*" or rcbd):ab
- #61 mesh descriptor: [schizophrenia and disorders with psychotic features] this term only
- #62 mesh descriptor: [psychotic disorders] explode all trees
- #63 mesh descriptor: [schizophrenia] explode all trees
- #64 ((acathisi* or akathisi* or hebephrenic* or (neuroleptic* and ((malignant and syndrome) or (movement near/2 disorder))) or oligophreni* or psychotic* or psychosis or psychoses or schizo* or (tardive* and dyskine*)) or (delusion* or hallucinat* or paranoi* or "thought disorder*"):ti,ab,kw
- #65 (parkinsoni* or "neuroleptic induc*"):ti,ab,kw
- #66 mesh descriptor: [personality disorders] explode all trees
- #67 (((aggressiv* or anxious* or borderline* or dependent* or eccentric* or emotional* or immature or passiv* or psychoneurotic or "psycho neurotic" or unstable) near/5 personalit*) or (anal* near/1 (personalit* or character* or retentiv*)) or aspd or "character disorder*" or (personalit* near/5 disorder*)):ti
- #68 (((aggressiv* or anxious* or borderline* or dependent* or eccentric* or emotional* or immature or passiv* or psychoneurotic or "psycho neurotic" or unstable) near/5 personalit*) or (anal* near/1 (personalit* or character* or retentiv*)) or aspd or "character disorder*" or (personalit* near/5 disorder*)):ab
- #69 (anankastic* or asocial* or avoidant* or antisocial* or "anti social*" or compulsiv* or dissocial* or histrionic* or narciss* or neuropsychopath* or obsessiv* or paranoi* or psychopath* or sadist* or schizoid* or schizotyp* or sociopath* or (moral near/2 insanity)):ti
- #70 (anankastic* or asocial* or avoidant* or antisocial* or "anti social*" or compulsiv* or dissocial* or histrionic* or narciss* or neuropsychopath* or obsessiv* or paranoi* or psychopath* or sadist* or schizoid* or schizotyp* or sociopath* or (moral near/2 insanity)):ab
- #71 ("cluster a" or "cluster b" or "cluster c" or (dsm and (axis and ii)) or (icd and (f60 or f61 or f62)) or ((anxious* or dramatic* or eccentric* or emotional* or fearful* or odd*) near/5 cluster*)):ti
- #72 ("cluster a" or "cluster b" or "cluster c" or (dsm and (axis and ii)) or (icd and (f60 or f61 or f62)) or ((anxious* or dramatic* or eccentric* or emotional* or fearful* or odd*) near/5 cluster*)):ab

- #73 mesh descriptor: [self-injurious behavior] this term only
- #74 mesh descriptor: [self mutilation] this term only
- #75 mesh descriptor: [suicide] this term only
- #76 mesh descriptor: [suicidal ideation] this term only
- #77 mesh descriptor: [suicide, attempted] this term only
- #78 (autoaggress* or "auto aggress*" or automutilat* or "auto mutilat*" or cutt* or overdose* or (self near/2 cut*) or selfdestruct* or "self destruct*" or selfharm* or "self harm*" or selfimmolat* or "self immolat*" or selfinflict* or "self inflict*" or selfinjur* or "self injur*" or selfmutilat* or "self mutilat*" or selfpoison* or "self poison*" or suicid*):ti
- #79 (autoaggress* or "auto aggress*" or automutilat* or "auto mutilat*" or cutt* or overdose* or (self near/2 cut*) or selfdestruct* or "self destruct*" or selfharm* or "self harm*" or selfimmolat* or "self immolat*" or selfinflict* or "self inflict*" or selfinjur* or "self injur*" or selfmutilat* or "self mutilat*" or selfpoison* or "self poison*" or suicid*):ab
- #80 mesh descriptor: [drug-seeking behavior] this term only
- #81 mesh descriptor: [substance-related disorders] explode all trees
- #82 alcohol* and (abstinence or detoxification or intoxicat* or rehabilit* or withdraw*):kw
- #83 alcoholi*:kw
- #84 (alcoholi* or drinker* or (drink* near/2 use*) or ((alcohol* or drink*) near/5 (abstinen* or abstain* or abus* or addict* or attenuat* or binge* or crav* or dependen* or detox* or disease* or disorder* or excessiv* or harm* or hazard* or heavy or "high risk" or intoxicat* or misus* or overdos* or "over dos*" or problem* or rehab* or reliance or reliant or relaps* or withdraw*)) or (control* near/2 drink*) or sobriet*):ti
- #85 (alcoholi* or drinker* or (drink* near/2 use*) or ((alcohol* or drink*) near/5 (abstinen* or abstain* or abus* or addict* or attenuat* or binge* or crav* or dependen* or detox* or disease* or disorder* or excessiv* or harm* or hazard* or heavy or "high risk" or intoxicat* or misus* or overdos* or "over dos*" or problem* or rehab* or reliance or reliant or relaps* or withdraw*)) or (control* near/2 drink*) or sobriet*):ab
- #86 cannabis or cocaine or hashish or heroin or marihuana or marijuana*:kw
- #87 ((acetomorphine or amphetamine* or amphetamine* or analeptic* or cannabis or cocaine or crack or crank or dextroamphetamine* or diacephine or diacetylmorphine or diacetylmorphine or diamorphin* or diamorphine or diaphorin or drug or methadone* or methamphetamine* or morfin* or morphacetin or morphin* or naltrexone or narcotic* or opioid* or opium or polydrug* or psychostimulant* or speed or stimulant* or stimulant* or substance or uppers) near/3 (abstain* or abstinen* or abus* or addict* or (excessive near/1 use*) or dependen* or (inject* near/2 drug*) or intoxicat* or misus* or "over dos*" or overdos* or (use* near/1 (disorder* or illicit)) or withdraw*)) or ((drug or substance) near/1 use*):ti
- #88 ((acetomorphine or amphetamine* or amphetamine* or analeptic* or cannabis or cocaine or crack or crank or dextroamphetamine* or diacephine or diacetylmorphine or diacetylmorphine or diamorphin* or diamorphine or diaphorin or drug or methadone* or methamphetamine* or morfin* or morphacetin or morphin* or naltrexone or narcotic* or opioid* or opium or polydrug* or psychostimulant* or speed or stimulant* or stimulant* or substance or uppers) near/3 (abstain* or abstinen* or abus* or addict* or (excessive near/1 use*) or dependen* or (inject* near/2 drug*) or intoxicat* or misus* or "over dos*" or overdos* or (use* near/1 (disorder* or illicit)) or withdraw*)) or ((drug or substance) near/1 use*):ab

- #89 #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 or #32 or #33 or #34 or #35 or #36 or #37 or #38 or #39 or #40 or #41 or #42 or #43 or #44 or #45 or #46 or #47 or #48 or #49 or #50 or #51 or #52 or #53 or #54 or #55 or #56 or #57 or #58 or #59 or #60
- #90 #61 or #62 or #63 or #64 or #65 or #66 or #67 or #68 or #69 or #70 or #71 or #72 or #73 or #74 or #75 or #76 or #77 or #78 or #79 or #80 or #81 or #82 or #83 or #84 or #85 or #86 or #87 or #88
- #91 #89 or #90
- #92 #22 and #91

1.4 Embase, Medline, PreMedline, PsycINFO – OVID SP Version 2

1. exp prenatal development/ or child development/
2. 1 use emez
3. exp "embryonic and fetal development"/ use mesz
4. 3 use mesz
5. exp infant development/
6. (120 neonatal <birth to age 1 mo> or 140 infancy <2 to 23 mo>)
7. or/5-6 use psyh
8. (baby or babies or congenital\$ or embryo\$ or f?etal or f?etus\$ or gestation or infant\$ or intra?uterin\$ or in\$1 uterus or in\$1 utero or neonat\$ or newborn\$ or un?born child\$).ti,ab,hw,id.
9. or/2,4,7-8

1.5 CINAHL – EBSCO host Version 2

1. (mh "infant development") or (mh "child development")
2. (mh "fetal development+")
3. tx (baby or babies or congenital* or embryo* or fetal or foetal or fetus* or foetus* or gestation or infant* or intrauterine* or "intra uterin*" or "in uterus" or "in utero" or neonat* or newborn* or "unborn child*" or "un born child*")
4. s1 or s2 or s3

1.6 Cochrane Library – Wiley Version 2

1. mesh descriptor: [embryonic and fetal development] explode all trees
2. (baby or babies or congenital* or embryo* or fetal or foetal or fetus* or foetus* or gestation or infant* or intrauterine* or "intra uterin*" or "in uterus" or "in utero" or neonat* or newborn* or "unborn child*" or "un born child*"):ti,ab,kw
3. #1 or #2

2. Question specific search strategies - all databases

2.1 Experience of care

- 1.1 What factors prevent women with a mental health problem who are antenatal or postnatal accessing mental healthcare services?
- 1.2 What factors improve or diminish the experience of services for women with a mental health problem who are antenatal or postnatal?
- 1.3 What modifications to services improve the experience of using services for women with a mental health problem who are antenatal or postnatal?

2.11 Embase, Medline, PreMedline, PsycINFO – OVID SP

- 1 "*attitude to health"/ or consumer/ or consumer attitude/ or *health care quality/ or patient attitude/ or *patient compliance/ or patient preference/ or patient satisfaction/
- 2 1 use emez
 *attitude to health/ or comprehensive health care/ or exp consumer participation/ or exp
- 3 consumer satisfaction/ or "patient acceptance of health care"/ or patient care management/ or patient centered care/ or exp patient compliance/ or "quality of health care"/
- 4 3 use mesz
 exp client attitudes/ or client satisfaction/ or exp health attitudes/ or client centered
- 5 therapy/ or exp consumer attitudes/ or exp patient attitude/ or patient satisfaction/ or "quality of care"/ or treatment compliance/
- 6 5 use psych
 ((adult\$ or attender\$ or client\$ or consumer\$ or customer\$ or individual\$ or maternal\$ or mother\$ or patient\$ or people\$ or person\$ or women or user\$) adj3 (account\$ or anxieties
- 7 or atisfact\$ or attitude\$ or barriers or belief\$ or buyin or buy in\$1 or choice\$ or co?operat\$ or co operat\$ or expectation\$ or experienc\$ or feedback or feeling\$ or idea\$ or inform\$ or involv\$ or opinion\$ or participat\$ or perceive\$ or (perception\$ not speech perception) or perspective\$ or preferen\$ or prepar\$ or priorit\$ or satisf\$ or view\$ or voices or worry)).ti,ab.
- 8 ((consumer or patient) adj2 (focus* or centered or centred)).ti,ab.
- 9 or/2,4,6-8
 ((APMH population terms version 1 AND qualitative systematic review study design filter terms))
- 10 or (9 AND (primary qualitative study design filter terms OR survey study design filter terms terms))

2.12 CINAHL – Ebsco host

S11	((APMH population terms version 1 AND qualitative systematic review study design filter terms)) or (S10 AND (primary qualitative study design filter terms OR survey study design
-----	--

	filter terms terms))
S10	S1 or s2 or s3 or s4 or s5 or s6 or s7 or s8 or s9
S9	ti (((consumer or patient) n2 (focus* or centered or centred))) or ab (((consumer or patient) n2 (focus* or centered or centred)))
S8	ti (((adult* or attender* or client* or consumer* or customer* or individual* or maternal* or mother* or patient* or people* or person* or women or user*) n3 (account* or anxieties or atisfact* or attitude* or barriers or belief* or buyin or “buy in*” or choice* or co operat* or “co operat*” or expectation* or experienc* or feedback or feeling* or idea* or inform* or involv* or opinion* or participat* or perceive* or (perception* not speech perception) or perspective* or preferen* or prepar* or priorit* or satisf* or view* or voices or worry))) or ab (((adult* or attender* or client* or consumer* or customer* or individual* or maternal* or mother* or patient* or people* or person* or women or user*) n3 (account* or anxieties or atisfact* or attitude* or barriers or belief* or buyin or “buy in*” or choice* or cooperat* or “co operat*” or expectation* or experienc* or feedback or feeling* or idea* or inform* or involv* or opinion* or participat* or perceive* or (perception* not speech perception) or perspective* or preferen* or prepar* or priorit* or satisf* or view* or voices or worry)))
S7	(mh "consumer satisfaction") or (mh "patient satisfaction")
S6	(mh "quality of health care")
S5	(mh "patient compliance+")
S4	(mh "patient centered care")
S3	(mh "consumer attitudes")
S2	(mh "consumer participation")
S1	(mh "attitude to health")

2.2 Case identification and assessment

3.1 What concerns and behaviours (as expressed by the woman, carer and family, or exhibited by the woman) should prompt any professional who comes into contact with woman who is antenatal or postnatal to consider referral or further assessment for the presence of mental health problems?

3.2 What are the most appropriate methods/ instruments for the identification of mental health problems in women who are antenatal or postnatal?

3.3 For women who are antenatal or postnatal, what are the key components of, and the most appropriate structure for a comprehensive diagnostic assessment (including diagnosis)??

Consider:-

- the nature and content of the interview and observation
- formal diagnostic methods/ psychological instruments for the assessment of core features mental health problems
- the assessment of risk to self and others
- the assessment of need of self and others

- the setting(s) in which the assessment takes place
- the role of the any informants
- gathering of independent and accurate information from informants.

3.4 What strategies should be adopted to minimise potential harm to the women or the fetus/infant of these assessments?

2.21 Embase, Medline, PreMedline, PsycINFO – OVID SP

- 1 checklist/ or clinical assessment tool/ or clinical assessment/ or clinical evaluation/ or exp computer assisted diagnosis/ or exp diagnostic test/ or functional assessment/ or geriatric assessment/ or mass screening/ or measurement/ or needs assessment/ or newborn screening/ or exp nursing assessment/ or outcome assessment/ or patient assessment/ or predictive value/ or prenatal screening/ or exp psychologic test/ or psychometry/ or rating scale/ or risk assessment/ or scoring system/ or screening test/ or self evaluation/ or semi structured interview/ or "speech and language assessment"/ or structured interview/ or structured questionnaire/ or summated rating scale/
- 2 1 use emez
- 3 checklist/ or exp diagnosis, computer-assisted/ or diagnostic tests, routine/ or diagnostic, self evaluation/ or geriatric assessment/ or interview, psychological/ or mass screening/ or needs assessment/ or neonatal screening/ or exp nursing assessment/ or "outcome and process assessment (health care)"/ or "outcome assessment (health care)"/ or exp personality assessment/ or "predictive value of tests"/ or prenatal diagnosis/ or exp psychiatric status rating scales/ or exp psychological tests/ or exp questionnaires/ or risk assessment/
- 4 3 use mesz
- 5 attitude measurement/ or exp attitude measures/ or comprehension tests/ or computer assisted diagnosis/ or geriatric assessment/ or group testing/ or individual testing/ or exp inventories/ or measurement/ or needs assessment/ or exp perceptual measures/ or performance tests/ or exp personality measures/ or exp preference measures/ or prenatal diagnosis/ or pretesting/ or professional examinations/ or exp psychiatric evaluation/ or exp psychodiagnostic interview/ or exp psychological assessment/ or psychometrics/ or exp questionnaires/ or exp rating scales/ or exp reading measures/ or exp retention measures/ or risk assessment/ or exp screening tests/ or exp selection tests/ or self evaluation/ or sensorimotor measures/ or sociometric tests/ or "speech and hearing measures"/ or standardized tests/ or subtests/ or symptom checklists/ or exp testing/ or testing methods/ or exp test scores/ or verbal tests/
- 6 5 use psyh
- 7 (index or instrument\$ or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or rate\$ or rating or scale\$ or score\$ or screen\$ or (self adj (assess\$ or report\$)) or subscale\$ or survey\$ or test\$ or tool\$).tw.
- 8 or/2,4,6-7
- 9 di.fs. or exp diagnosis/ or exp mass screening/ or screening test/
- 10 9 use emez
- 11 di.fs. or exp diagnosis/ or mass screening/ or nursing diagnosis/

12 11 use mesz

13 exp diagnosis/ or exp health screening/ or screening/ or exp screening tests/

14 13 use psych

15 (assess\$ or detect\$ or diagnos\$ or evaluat\$ or identif\$ or psychodiagnos\$ or recogni\$ or screen\$).tw.

16 or/10,12,14-15

17 (8 and 16) or (casefind\$ or ((case or tool\$) adj (find\$ or identif\$))).tw.

18 "area under the curve"/ or predictive validity/ or receiver operating characteristic/ or reliability/ or "sensitivity and specificity"/ or test retest reliability/ or validity/

19 18 use emez

20 "area under curve"/ or "predictive value of tests"/ or "reproducibility of results"/ or roc curve/ or "sensitivity and specificity"/ or validation studies/

21 20 use mesz

22 statistical reliability/ or statistical validity/ or test reliability/ or test validity/

23 22 use psych

24 (accurac\$ or accurat\$ or area under curve or auc value\$ or (likelihood adj3 ratio\$) or (diagnostic adj2 odds ratio\$) or ((pretest or pre test or posttest or post test) adj2 probabilit\$) or (predict\$ adj3 value\$) or receiver operating characteristic or (roc adj2 curv\$) or reliabil\$ or sensitiv\$ or specificit\$ or valid\$).tw.

25 or/19,21,23-24

26 (antenatal psychosocial health assessment or antenatal psycho social health assessment).tw.

27 antenatal risk questionnaire\$.tw.

28 (bromley adj (postnatal or post natal) adj depression scale).tw.

29 (edinburgh adj (postnatal or post natal) adj depression scale).tw.

30 (maternal adj (antenatal or ante natal) adj attachment scale).tw.

31 ((postpartum or post partum) adj depression screening scale).tw.

32 (pregnancy anxiety scale or pregnancy related anxiety scale).tw.

33 or/26-32

34 beck anxiety inventory.tw.

35 beck depression inventory.tw.

36 (center adj2 epidemiologic studies adj2 depression adj2 (instrument or scale)).tw.

37 diagnostic interview schedule.tw.

38 (eysenck personality adj (questionnaire or scale\$)).tw.

39 general health questionnaire.tw.

40 ((hamilton rating scale adj2 depression) or hamilton depression scale).tw.

41 (hospital anxiety adj2 depression scale).tw.

42 (impact adj2 events scale).tw.

43 (inventory adj2 depressive symptomatology).tw.

44 kessler psychological distress scale.tw.

45 lahore inventory.tw.

- 46 leverton questionnaire.tw.
- 47 montgomery asberg.tw.
- 48 mood disorder questionnaire.tw.
- 49 patient health questionnaire.tw.
- 50 present state examination.tw.
- 51 (social support adj (questionnaire or scale)).tw.
- 52 (schedules for clinical assessment adj2 neuropsychiatry).tw.
- 53 dyadic adjustment scale.tw.
- 54 ((state or state trait or strait trait or strait or trait) adj anxiety adj (inventory or scale)).tw.
- 55 (structured clinical interview adj2 dsm\$).tw.
- 56 (traumatic events adj (questionnaire or scale)).tw.
- 57 whooley question\$.tw.
- 58 zung self-rating depression scale.tw.
- 59 (anrq or bpds or epds or maas or cds d or cesd or ces d or ghq12 or hrsd or hamd or ham d or hads or madsr or phq9 or phq 9 or scid).tw.
- 60 ((alpha or pdss or pas or bai or bai or bdi or bdil or bdi ll or bdill or dis or epq or ghq or ies or iesr or ids or idssr or qids or k10 or lq or mdq or phq or pse or pss or psss or sss or scan or sas or stai or tai or tes or teq or sds) adj5 (inventor\$ or questionnaire\$ or scale\$ or schedule\$)).tw.
- 61 (((17 and 25) or or/34-60) and [APMH population terms – version 1]) or 33

2.3 Interventions for the treatment of mental health problems

4.1 For women with mental disorders who are antenatal or postnatal, what are the benefits and/or potential harms of psychosocial interventions to treat mental health problems?

2.31 Embase, Medline, PreMedline, PsycINFO – OVID SP

- 1 fetus death/ or stillbirth/
- 2 1 use emez
- 3 fetal death/ or stillbirth/
- 4 3 use mesz
- 5 ((fetus or infant or perinatal) and (death or dying)).hw.
- 6 5 use psych
- 7 (((baby or birth\$ or born\$ or child\$ or f?etal or f?etus or infant\$ or newborn\$ or neonat\$ or new born\$ or perinatal\$ or peri natal\$) adj3 (dead or death\$ or die\$1 or fatal\$ or lose or losing or lost or mortal\$)) or perinatal\$ loss or peri natal\$ loss or (still adj2 (birth\$ or born\$)) or silent bab\$ or stillbirth\$ or stillborn\$).ti,ab.
- 8 or/2,4,6-7

- 9 human relation/ or parental contact/ or mother child relation/ or touch/ or parent child relation/
 10 9 use emez
 11 mother child relations/ or interpersonal relations/ or parent child relations/ or touch/
 12 11 use mesz
 13 Interpersonal\$.hw. or mother child relations/ or parent child relations/ or physical contact/ or tactual perception/
 14 13 use psyh
 15 (cradle or holding).ti,ab.
 (((contact\$ or cradl\$ or handl\$ or held\$ or hold\$ or meet\$ or saw or see\$ or touch\$ or view\$)
 16 adj3 (baby or birth\$ or born\$ or f?etal or f?etus or infant\$ or newborn\$ or neonat\$ or new born\$ or perinatal\$ or peri natal\$)) or (say\$ adj2 goodbye\$)).ti,ab.
 17 or/10,12,14-16
 18 8 and 17

2.32 CINAHL – Ebsco Host

- 1 (mh "infant death") or (mh "perinatal death")
 (((baby or birth* or born* or child* or fetal or foetal or fetus or foetus or infant* or newborn* or neonat* or "new born*" or perinatal* or "peri natal*") n3 (dead or death* or die* or fatal* or lose or losing or lost or mortal*)) or "perinatal* loss" or "peri natal* loss" or (still n2 (birth* or born*)) or "silent bab*" or stillbirth* or stillborn*)
 2
 3 s1 or s2
 4 (mh "adult-child relations") or (mh "interpersonal relations") or (mh "mother-child relations") or (mh "parent child relations") or (mh "touch (iowa nic)" or (mh "touch")
 5 mj (cradle or holding)
 (((contact* or cradl* or handl* or held* or hold* or meet* or saw or see* or touch* or view*)
 6 n3 (baby or birth* or born* or fetal or foetal or fetus or foetus or infant* or newborn* or neonat* or "new born*" or perinatal* or "peri natal*")) or (say* near/2 goodbye*))
 7 s4 or s5 or s6
 8 s3 and s7

2.33 Cochrane Library - Wiley

- 1 mesh descriptor: [fetal death] this term only
 2 mesh descriptor: [stillbirth] this term only
 (((baby or birth* or born* or child* or fetal or foetal or fetus or foetus or infant* or newborn* or neonat* or "new born*" or perinatal* or "peri natal*") near/3 (dead or death* or die* or fatal* or lose or losing or lost or mortal*)) or "perinatal* loss" or "peri natal* loss" or (still near/2 (birth* or born*)) or "silent bab*" or stillbirth* or stillborn*)
 3
 4 #1 or #2 or #3
 5 mesh descriptor: [mother-child relations] explode all trees

- 6 mesh descriptor: [parent-child relations] this term only
- 7 mesh descriptor: [interpersonal relations] this term only
- 8 mesh descriptor: [touch] this term only
- 9 mj (cradle or holding)
 - (((contact* or cradl* or handl* or held* or hold* or meet* or saw or see* or touch* or view*) near/3 (baby or birth* or born* or fetal or foetal or fetus or foetus or infant* or newborn* or neonat* or "new born*" or perinatal* or "peri natal*")) or (say* near/2 goodbye*))
- 10
- 11 #5 or #6 or #7 or #8 or #9 or #10
- 12 #4 and #11

4.2 For women with mental disorders who are antenatal or postnatal, what are the benefits and/or potential harms of pharmacological interventions to treat mental health problems?

2.34 Embase, Medline, PreMedline, PsycINFO – OVID SP

Search 1

- 1 antidepressant agent/ use emez
- 2 antidepressive agents/ or serotonin uptake inhibitors/ or monoamine oxidase inhibitors/
- 3 2 use mesz
- 4 antidepressant drugs/ or serotonin reuptake inhibitors/ or monoamine oxidase inhibitors/
- 5 4 use psych
- 6 (tricyclic\$ or tca\$1).ti,ab.
- 7 (ssri\$ or ((serotonin or 5 ht or 5 hydroxytryptamine) adj (uptake or reuptake or re uptake) adj inhibit\$)).ti,ab.
- 8 (antidepress\$ or anti depress\$ or maoi\$1 or ((adrenaline or amine or mao or mono amin\$ or monoamin\$ or tyramin\$) adj2 inhibit\$)).ti,ab.
- 9 (snri\$ or ssni\$ or ((noradrenalin or norepinephrine) adj serotonin adj (uptake or reuptake or re uptake) adj inhibitor\$) or (serotonin adj (noradrenalin or norepi- nephrine) adj (uptake or reuptake or re uptake) adj inhibitor\$)).ti,ab.
- 10 (agomelatin\$ or amitriptylin\$ or citalopram or clomipramin\$ or dosulepin or dothiepin or doxepin or duloxetine\$ or escitalopram or fluoxetine\$ or flupentixol or flupenthixol or fluvoxamin\$ or imipramin\$ or isocarboxazid or lofepramin\$ or mianserin or mirtazapin\$ or moclobemid\$ or nortriptylin\$ or paroxetine\$ or phenelzin\$ or phenothiazin\$ or reboxetin\$ or sertraline\$ or tranylcypromin\$ or trazodon\$ or trimipramin\$ or venlafaxin\$).ti,ab,hw.
- 11 or/1,3,5-10
- 12 neuroleptic agent/ use emez

- 13 antipsychotic agents/ use mesz
- 14 neuroleptic drugs/ use psych
- 15 (antipsychotic\$ or anti psychotic\$ or (major adj2 (butyrophenon\$ or phenoth- iazin\$ or tranquil\$)) or neuroleptic\$).ti,ab.
- 16 (benzamide\$ or butrophenone\$ or diphenylbutylpiperidine\$ or phenothiazine\$).ti,ab.
(amisulprid\$ or aripiprazole or asenapin\$ or benperidol or chlorpromazin\$ or clozapin\$ or flupentixol or fluphenazin\$ or haloperidol or levomepromazin\$ or methotrimeprazin\$ or olanzapin\$ or paliperidon\$ or pericyazin\$ or periciazin\$ or perphenazin\$ or pimozide or pipotiazin\$ or pipothiazin\$ or prochlorperazin\$ or promazin\$ or propericiazin\$ or quetiapin\$ or risperidon\$ or sulphiride or trifluoperazin\$ or trifluoperaz or zuclopentixol or zuclopenthixol).ti,ab,hw.
- 17
- 18 or/12-17
- 19 antihistaminic agent/ use emez
- 20 histamine antagonists/ use mesz
- 21 antihistaminic drugs/ use psych
- 22 (antihistamin\$ or anti histamin\$ or (histamin\$ adj2 (antagonist\$ or block\$))).ti,ab.
- 23 promethazin\$.ti,ab,hw.
- 24 or/19-23
- 25 anticonvulsive drugs/ use psych
- 26 anticonvulsive agent/ use emez
- 27 anticonvulsants/ use mesz
- 28 (anticonvuls\$ or anti convuls\$ or antiepilept\$ or anti epilep\$).ti,ab.
(carbamazepin\$ or eslicarbazepin\$ or ethosuximide or lamotrigin\$ or oxcarbazepin\$ or phenytoin or primidon\$ or rufinamid\$ or topiramate or vigabatrin).ti,ab,hw.
- 29
- 30 or/25-29
- 31 hypnotic agent/ use emez
- 32 "hypnotics and sedatives"/ use mesz
- 33 hypnotic drugs/ use psych
- 34 hypnotic\$.ti,ab. or (zopiclon\$ or zolpidem or zaleplon).ti,ab,hw.
- 35 or/31-34
- 36 benzodiazepine derivative/ use emez
- 37 benzodiazepines/ use mesz,psych
- 38 (benzo\$1 or benzodiazepin\$).ti,ab.
- 39 sedative agent/ use emez
- 40 sedatives/ use psych
- 41 tranquilizing drugs/ use psych
- 42 (sedative\$ or tranquili\$).ti,ab.
(alprazolam or buspiron\$ or chlordiazepoxid\$ or diazepam or lorazepam or oxazepam).ti,ab,hw.
- 43
- 44 or/36-43

- 45 anxiolytic agent/ use emez
- 46 anti-anxiety agents/ use mesz
 (((antianxiety or anti anxiety or ataractic) adj2 (agent\$ or drug\$ or treat\$)) or anxiolytic\$ or
- 47 ((medium or minor) adj2 tranquil\$) or (serotonergic adj (agent\$ or drug\$ or preparation\$))).ti,ab.
- 48 meprobamate.ti,ab,hw.
- 49 or/45-48
- 50 central stimulant agent/ use emez
- 51 central nervous system stimulants/ use mesz
- 52 cns stimulating drugs/ use psych
- 53 stimulant\$.ti,ab.
- 54 (atomoxetine\$ or dexamfetamine\$ or dextroamphetamine\$ or methylphenidate).ti,ab,hw.
- 55 or/50-54
- 56 (carbamazepin\$ or hypericum or lithium\$ or st john\$ wart or valproate or valproic acid).ti,ab,hw.
 (acamprosate or baclofen or buprenorphine\$ or carbamazepin\$ or chlordiazepoxide or
- 57 chlormethiazole or clomethiazole or clonidine\$ or disulfiram or lofexidine\$ or methadone or naltrexone\$).ti,ab,hw.
- 58 psychotropic\$.ti,ab.
- 59 or/56-58
- 60 or/11,18,24,30,35,44,49,55,59
 exp newborn disease/ use emez or exp pregnancy disorder/ use emez or exp prenatal disorder/ use emez or exp "congenital, hereditary, and neonatal diseases and abnormalities"/ use mesz or exp pregnancy complications/ use mesz or exp congenital disorders/ use psych or exp neonatal disorders/ use psych
- 61 ((baby or babies or congenital\$ or embryo\$ or fetus\$ or gestation or infant\$ or intrauterine\$ or in\$1 uterus or in\$1 utero or neonate\$ or newborn\$ or unborn child\$) adj3 (abnormal\$ or anomaly\$ or defect\$ or deficiency\$ or deform\$ or disease\$ or disorder\$ or dysfunction\$ or instability\$ or malform\$ or problem\$ or syndrome\$)) or (development\$ adj3 (defect\$ or deformity\$ or malform\$))).ti,ab.
- 62
- 63 agranulocytosis/ use emez,mesz
- 64 (agranulocytosis or granulopenia or panleukopenia).ti,ab.
- 65 cleft palate/ use emez,mesz,psych
- 66 (((cleft or jaw) adj2 palat\$) or palatoschisis or palatum fissum).ti,ab.
- 67 cleft face/ use emez
- 68 (cleidofacial dysplasia or ((face or facial) adj3 cleft) or schistoprosopia or schizoprosopia).ti,ab.
- 69 crying/ use emez,mesz,psych
- 70 ((constant\$ or continue\$ or incessant or regular or ongoing or perpetual or persist\$ or recur\$) adj2 cry\$).ti,ab.
- 71 febrile convulsion/ use emez or seizure/ use emez or seizures, febrile/ use mesz or seizures/ use mesz or seizures/ use psych

- 72 (convuls\$ or epilep\$ or seizure\$).ti,ab.
- 73 exp diabetes mellitus/ use emez,mesz or exp diabetes/ use psych
- 74 nephrogenic diabetes insipidus/ use emez or diabetes insipidus, nephrogenic/ use mesz or exp hypoglycemia / use emez,mesz, psych
- 75 (diabet\$ or hypo?glycaemi\$).ti,ab.
- 76 exp extrapyramidal syndrome/ use emez or exp basal ganglia diseases/ use mesz or extrapyramidal symptoms/ use psych
- 77 (((basal adj (ganglia or ganglion)) or extra?pyramidal) adj2 (abnormal\$ or anomal\$ or defect\$ or deficien\$ or deform\$ or disease\$ or disorder\$ or disturbance or dysfunction\$ or instabilit\$ or malform\$ or problem\$ or syndrome\$)).ti,ab.
- 78 exp face malformation/ use emez or facial hemiatrophy/ use mesz
- 79 (((face or facial or hemiafac\$) adj (atroph\$ or dysmorph\$ or hemiatroph\$ or abnormal\$ or anomal\$ or defect\$ or deficien\$ or deform\$ or disease\$ or disorder\$ or disturbance or dysfunction\$ or instabilit\$ or malform\$ or problem\$ or syndrome\$)) or romberg\$).ti,ab.
- 80 infantile hypotonia/ use emez
- 81 (floppy adj2 (baby or babies or child\$ or infant\$)).ti,ab.
- 82 exp muscle hypertonia/ use emez,mesz
- 83 (hypertonia or hypertonus or (muscl\$ adj2 (atonic or contract\$ or flaccid\$ or hyperton\$ or (poor\$ adj2 tone) or rigid\$ or stiff\$)) or spastic\$).ti,ab.
- 84 hypothermia/ use emez,mesz,psych
- 85 hypotherm\$.ti,ab.
- 86 irritability/ use emez,psych or irritable mood/ use mesz
- 87 irritab\$.ti,ab.
- 88 nervousness/ use emez, psych
- 89 (jitter\$ or nervosity or nervous\$).ti,ab.
- 90 exp high birth weight/ use emez or exp low birth weight/ use emez or *birth weight/ use mesz or exp infant, low birth weight/ use mesz or weight gain/ use emez, mesz, psych
- 91 (((high or low) adj birth?weight) or ((lbw or over?weight or under?weight) adj2 (infant\$ or neonat\$ or newborn\$))).ti,ab.
- 92 infantile spasm/ use emez or seizures/ use mesz or exp seizures/ use psych
- 93 (flexor spasm or ((infant\$ or neonat\$) adj2 (seizure\$ or spasms or spasmus)) or jack knife seizure or minor motor epilepsy or (myoclonic adj2 infant\$ adj2 encephalopathy) or propulsive petit mal or spasm in\$1 flexion).ti,ab.
- 94 exp neural tube defect/ use emez or exp neural tube defects/ use mesz
- 95 (dysraphia or dysraphic or dysraphism or dysraphy or (neural tube adj2 (closure or defect\$ or malform\$)) or (spina\$ adj (dysraphism or bifida))).ti,ab.
- 96 feeding disorder/ use emez
- 97 ((poor adj2 feed\$) or failure to thrive).ti,ab.
- 98 premature birth/ or premature labor/ use emez or premature birth/ use mesz
- 99 (anoxia or asphyxia or hypoxia or ((premature or pre?term) adj2 (baby or birth\$ or deliver\$ or child\$ or infant\$ or labour\$ or labor\$ or neonat\$ or newborn\$)) or prematurity).ti,ab.

- exp "eclampsia and preeclampsia"/ use emez or exp pulmonary hypertension/ use emez or
100 exp hypertension, pulmonary/ use mesz or exp Hypertension, Pregnancy-Induced/ use mesz
or hypertension/ use psych
- 101 (hypertens\$ or (persistent f?etal adj3 circulation) or pre?eclamp\$).ti,ab.
- 102 prolactin/ use emez,mesz,psych
((ferolactan or galactin or lactogen\$ or lactotrophic or lactotropic or lactotropin or lth or
103 luteotrope or luteotrophic or luteotrophin\$ or luteotropic or luteotropin or mammatropic
or mammotropin\$ or nin pd 3 or nin pd3 or prl or prolactin\$) adj3 (elevat\$ or heighten\$ or
high\$ or increas\$ or rais\$)).ti,ab.
- 104 expl respiratory distress syndrome/ use emez or exp respiratory distress syndrome/ use
mesz or exp respiratory distress/ use psych
- 105 ((respirat\$ adj2 (depress\$ or distress\$ or inhibit\$ or insuffic\$)) or rds).ti,ab.
- 106 restlessness/ use emez,psych or psychomotor agitation/ use mesz
- 107 (agitat\$ or restless\$).ti,ab.
- 108 sedation/ use emez or consious sedation/ use mesz or deep sedation/ use mesz or
sedatives/ use psych
- 109 sedat\$.ti,ab.
- 110 seizure/ use emez or seizures, febrile/ use emez or seizures/ use mesz or seizures, febrile/
use mesz or seizures/ use psych
- 111 (seizur\$ or ((epilep\$ or febril\$ or fever or pyrexial) adj3 (attack\$ or convuls\$ or fit\$ or
insult))).ti,ab.
- 112 shivering/ use emez,mesz or "thermoregulation (body)"/
- 113 shiver\$.ti,ab.
- 114 spontaneous abortion/ use emez,psych or exp abortion, spontaneous/ use mesz
- 115 ((spontaneous adj2 abort\$) or ((loss\$ or lose) adj2 (baby or embryo or neonat\$)) or miscar\$
or mis car\$).ti,ab.
- 116 stevens-johnson syndrome/ use emez,mesz
- 117 ((ectodermosis adj3 pluriorificial\$) or (erythema adj3 multiforme) or rend\$ fiessinger or
(steven\$ adj3 johnson)).ti,ab.
- 118 teratogenicity/ use emez or exp teratogenic agent/ use emez or abnormalities, drug-
induced/ use mesz or exp teratogens/ use mesz or teratogens/ use psych
- 119 teratogen\$.ti,ab.
- 120 exp tremor/ use emez,mesz,psych
- 121 (tremor\$ or tremulousness).ti,ab.
- 122 weight gain/ use emez,mesz,psych
- 123 ((body size or weight\$) adj2 (gain\$ or increas\$ or put\$ on\$1)).ti,ab.
- 124 apgar score/ use emez,mesz
((abnormal\$ or anomal\$ or decreas\$ or defect\$ or deficien\$ or disorder\$ or disturbance\$ or
125 dysfunction\$ or fall\$ or instabil\$ or low or instabilit\$ or problem\$ or reduc\$) adj2
apgar\$).ti,ab.
- 126 cleft lip palate/ use emez or cleft lip/ use emez,mesz
- 127 (cheiloschisis or ((cleft\$ or hare) adj2 lip\$) or harelip\$ or labioschi?is or labiopalatoschisis or

- palatolabioschisis).ti,ab.
- 128 withdrawal syndrome/ use emez or neonatal abstinence syndrome/ or exp substance withdrawal syndrome/ use mesz or exp drug withdrawal/ use psych
- 129 (((abstain\$ or abstinence or passive addiction\$ or with draw\$ or withdrawal\$) adj3 (neonat\$ or syndrom\$ or symptom\$)) or craving).ti,ab.
- 130 cognitive defect/ use emez or exp cognition disorders/ use mesz or cognitive impairment/ use psych or (motor performance or motor skills or motor processes).sh.
- 131 (((cogniti\$ or emotion\$) adj3 (abnormal\$ or anomal\$ or defect\$ or deficien\$ or disabilit\$ or disorder\$ or dysfunction\$ or impair\$ or problem\$ or reduc\$)) or (motor adj (function\$ or performanc\$ or process\$ or skill\$)) or response interference).ti,ab.
- 132 brain size/ use emez,psych or *cerebral cortex/ use mesz or *brain/ use mesz or brain weight/ use psych
- 133 ((circumference or decreas\$ or reduc\$ or small\$) adj2 (brain\$ or head or sub?cortical)).ti,ab.
- 134 hypospadias\$.ti,ab,hw.
- 135 (((digit\$ or ear or face or finger\$ or hand\$1 or mouth or neck) adj3 (abnormal\$ or anomal\$ or defect\$ or deficien\$ or deform\$ or disabilit\$ or disorder\$ or dysfunction\$ or hypoplasia or impair\$ or malform\$ or missing or problem\$)) or perodactylia).ti,ab.
- 136 (serotonin/ae, to use emez or (serotonin\$.hw. and to.fs. use mesz) or (serotonin/ and toxicity/ use psych)]
- 137 (serotonin and (harm\$ or poison\$ or toxic\$)).ti,ab,hw.
- 138 exp cardiovascular disease/ use emez or exp cardiovascular diseases/ use mesz or exp cardiovascular disorders/ use psych
- 139 (((atrial\$ or aorta or cardiac\$ or cardiovasc\$ or coronar\$ or heart\$ or myocard\$ or pulmonar\$ or vascular\$ or ventricular) adj5 (abnormal\$ or angio?plast\$ or anomal\$ or bypass\$ or coarctation or defect\$ or deficien\$ or deform\$ or disease\$ or disabilit\$ or disorder\$ or disturbance\$ or dysplasi\$ or dysfunction\$ or hypertrop\$ or impair\$ or infarct\$ or instabilit\$ or isch?emi\$ or malform\$ or problem\$ or syndrome\$ or thrombo\$)) or arteriosus or cardio?path\$ or echo?cardio\$ or (heart\$ adj2 (block or distress\$ or failure)) or hypertens\$ or ((holt oram or leopard or (mckusick adj2 kaufman)) adj2 (diseas\$ or syndrom\$))).ti,ab.
- 140 exp gastrointestinal disease/ use emez or exp gastrointestinal diseases/ use mesz or exp gastrointestinal disorders/ use psych
- 141 ((alimentary tract or gastro?ent\$ or gastro?intestin\$) adj5 (abnormal\$ or anomal\$ or defect\$ or deficien\$ or deform\$ or disease\$ or disorder\$ or dysfunction\$ or instabilit\$ or malform\$ or problem\$ or syndrome\$)).ti,ab.
- 142 exp kidney disease/ use emez or exp kidney diseases/ use mesz, psych
- 143 ((kidney or renal) adj3 (abnormal\$ or anomal\$ or defect\$ or deficien\$ or deform\$ or disabilit\$ or disease\$ or disorder\$ or disturbance\$ or dysfunction\$ or impair\$ or instabilit\$ or malform\$ or problem\$ or syndrome\$)).ti,ab.
- 144 exp thyroid disease/ use emez or congenital hypothyroidism/ use mesz or exp thyroid diseases/ use mesz or exp thyroid disorders/ use psych
- 145 ((thyroid\$ adj5 (abnormal\$ or anomal\$ or defect\$ or deficien\$ or deform\$ or disabilit\$ or disease\$ or disorder\$ or disturbance\$ or dysfunction\$ or impair\$ or instabilit\$ or malform\$ or problem\$ or syndrome\$)) or cretin\$ or hyperthyroid\$).ti,ab.

- 146 exp "disorders of carbohydrate metabolism"/ use emez or exp glucose metabolism disorders/ use mesz or glucose metabolism/ use psych
 ((carboxylase or carobohydrate or glucos\$ or holocarboxylase) adj5 (abnormal\$ or anomal\$ or defect\$ or deficien\$ or deform\$ or disabilit\$ or disease\$ or disorder\$ or disturbance\$ or dysfunction\$ or error\$ or impair\$ or instabilit\$ or malform\$ or problem\$ or syndrome\$)) or cdg syndrome\$ or mckusick).ti,ab.
- 147
- 148 exp "disorders of lipid and lipoprotein metabolism"/ use emez or exp lipid metabolism disorders/ use mesz,psych
 (lipid\$ adj5 (abnormal\$ or anomal\$ or defect\$ or deficien\$ or disease\$ or disorder\$ or disturbance\$ or dysfunction\$ or error\$ or impair\$ or instabilit\$ or malform\$ or problem\$ or syndrome\$)).ti,ab.
- 149
- 150 breech presentation/ or exp induced abortion/ or exp instrumental delivery/ or labor induction/ or premature labor/
- 151 150 use emez
- 152 exp abortion, induced/ or breech presentation/ or exp cesarean section/ or exp extraction, obstetrical/ or labor, induced/ or exp obstetric labor, premature/
- 153 152 use mesz
- 154 induced abortion/ or premature birth/
- 155 154 use psych
 (ca?sarean or ((breech\$ or forced or forcep\$ or induce\$ or instrumental or mechanical or premature or pre?term) adj2 (abort\$ or birth or delivery or extraction or labo?r\$ or presentation))))).ti,ab.
- 156
- 157 *autism/ use emez, psych or *autistic disorder/ use mesz
- 158 infantile autism.ti,ab.
- 159 or/61-149,151,153,155-158
- 160 (ae or it or si or to).fs.
 exp adverse drug reaction/ or drug contraindication/ or exp "drug toxicity and intoxication"/ or drug interaction/ or drug monitoring/ or drug safety/ or drug surveillance program/ or drug tolerability/ or drug tolerance/ or phase 4 clinical trial/ or postmarketing surveillance/ or exp complication/ or risk/ or risk assessment/ or risk factor/ or exp side effect/ or exp toxicity/
- 161
- 162 or/160-161 use emez
- 163 (ae or co or ct or de or po or mo or to).fs.
 abnormalities, drug induced/ or clinical trial, phase iv/ or exp "drug-related side effects and adverse reactions"/ or drug interactions/ or drug hypersensitivity/ or drug interaction/ or drug monitoring/ or drug tolerance/ or intraoperative complications/ or exp poisoning/ or exp postoperative complication/ or exp product surveillance, postmarketing/ or risk/ or risk assessment/ or risk factors/
- 164
- 165 or/163-164 use mesz
 "complications (disorders)"/ or drug interactions/ or drug tolerance/ or postsurgical complications/ or risk assessment/ or risk factors/ or exp "side effects (treatment)"/ or exp toxic disorders/ or exp toxicity/
- 166
- 167 166 use psych

(odds ratio or (risk\$ adj2 (factor\$ or increas\$ or relative)) or predispos\$ or causa\$ or
168 (((adverse or negativ\$ or side or undesir\$ or unwanted) adj2 (effect\$ or event\$ or
outcome\$ or reaction\$)) or discontinuation effect\$ or poison\$ or toxic\$) or (caution\$ or
complication\$ or contraindicat\$ or contra indicat\$ or death\$ or harm\$ or hazard\$ or
interaction\$1 or lethal\$ or safety or safe or tolerab\$ or intolerab\$ or warning\$) or
(treatment emergent or adrs)).ti,ab. or (intoxicat\$ or overdos\$).ti,ab,hw.

169 or/162,165,167-168

170 159 or 169

160 (or/11,18,23,29,34,44,49,55,59 or (or/24,30,35 and [8 from APMH root version 1])) and [74
from APMH root version 1] and 170

Search 2 (high specificity)

1. exp *pregnancy/ or exp *prenatal development/ or *child development/
2. 1 use emez
3. exp *pregnancy/ or "exp *"embryonic and fetal development"/
4. 3 use mesz
5. exp *pregnancy/ or exp *infant development/
6. 5 use psych
7. ((ante?natal\$ or ante?part\$ or birth\$ or breastfeed\$ or (breast adj (feed\$ or fed)) or
child?birth\$ or ((first or second or third) adj2 trimester\$) or labor or laboring or labour or
labouring or lactat\$ or maternal\$ or new?born\$ or peri?natal\$ or obstetric\$ or postbirth\$ or
post?partum\$ or post?natal\$ or pregnan\$ or pre?nat\$ or puerperal\$ or puerperium\$ or
wean\$1 or weaning) or (baby or babies or congenital\$ or embryo\$ or f?etal or f?etus\$ or
gestation or infant\$ or intra?uterin\$ or in\$1 uterus or in\$1 utero or neonat\$ or newborn\$ or
un?born child\$)).ti.
8. or/2,4,6-7
9. exp *antidepressant agent/ or exp *neuroleptic agent/ or exp *antihistaminic agent/ or exp
*anticonvulsive agent/ or exp *hypnotic agent/ or exp *benzodiazepine derivative/ or exp
*anxiolytic agent/ or exp *central stimulant agent/
10. 9 use emez
11. exp *antidepressive agents/ or exp *serotonin uptake inhibitors/ or exp *monoamine
oxidase inhibitors/ or exp *antipsychotic agents/ or exp *histamine antagonists/ or exp
*anticonvulsants/ or exp *"hypnotics and sedatives"/ or exp *benzodiazepines/ or exp
*sedative agent/ or exp *anti-anxiety agents/ or exp *central nervous system stimulants/
12. 11 use mesz
13. exp *antidepressant drugs/ or exp *serotonin reuptake inhibitors/ or exp *monoamine
oxidase inhibitors/ or exp *neuroleptic drugs/ or exp *antihistaminic drugs/ or exp
*anticonvulsive drugs/ or exp *hypnotic drugs/ or exp *benzodiazepines/ or exp *sedatives/
or exp *tranquilizing drugs/ or exp *cns stimulating drugs/
14. 13 use psych
15. (tricyclic\$ or tca\$1 or (ssri\$ or ((serotonin or 5 ht or 5 hydroxytryptamine) adj (uptake or
reuptake or re uptake) adj inhibit\$)) or (antidepress\$ or anti depress\$ or maoi\$1 or
((adrenaline or amine or mao or mono amin\$ or monoamin\$ or tyramin\$) adj2 inhibit\$)) or
(snri\$ or ssnri\$ or ((noradrenalin or norepinephrine) adj serotonin adj (uptake or reuptake
or re uptake) adj inhibitor\$) or (serotonin adj (noradrenalin or norepi-
nephine) adj (uptake or reuptake or re uptake) adj inhibitor\$)) or (agomelatin\$ or amitriptylin\$ or citalopram or

clomipramin\$ or dosulepin or dothiepin or doxepin or duloxetine\$ or escitalopram or fluoxetine\$ or flupentixol or flupenthixol or fluvoxamin\$ or imipramin\$ or isocarboxazid or lofepramin\$ or mianserin or mirtazapin\$ or moclobemid\$ or nortriptylin\$ or paroxetine\$ or phenelzin\$ or phenothiazin\$ or reboxetin\$ or sertralin\$ or tranlycypromin\$ or trazodon\$ or trimipramin\$ or venlafaxin\$) or (antipsychotic\$ or anti psychotic\$ or (major adj2 (butyrophenon\$ or phenoth- iazin\$ or tranquil\$)) or neuroleptic\$) or (benzamide\$ or butrophenone\$ or diphenylbutylpiperidine\$ or phenothiazine\$) or (amisulprid\$ or aripiprazole or asenapin\$ or benperidol or chlorpromazin\$ or clozapin\$ or flupentixol or fluphenazin\$ or haloperidol or levomepromazin\$ or methotrimeprazin\$ or olanzapin\$ or paliperidon\$ or pericyazin\$ or periciazin\$ or perphenazin\$ or pimozide or pipotiazin\$ or pipothiazin\$ or prochlorperazin\$ or promazin\$ or propericiazin\$ or quetiapin\$ or risperidon\$ or sulpiride or trifluoperazin\$ or trifluoperaz or zuclopentixol or zuclopenthixol) or (antihistamin\$ or anti histamin\$ or (histamin\$ adj2 (antagonist\$ or block\$))) or promethazin\$ or (anticonvuls\$ or anti convuls\$ or antiepilept\$ or anti epilep\$) or (carbamazepin\$ or eslicarbazepin\$ or ethosuximide or lamotrigin\$ or oxcarbazepin\$ or phenytoin or primidon\$ or rufinamid\$ or topiramate or vigabatrin) or hypnotic\$ or (zopiclon\$ or zolpidem or zaleplon) or (benzo\$1 or benzodiazepin\$) or (sedative\$ or tranquili\$) or (alprazolam or buspiron\$ or chlordiazepoxid\$ or diazepam or lorazepam or oxazepam) or (((antianxiety or anti anxiety or ataractic) adj2 (agent\$ or drug\$ or treat\$)) or anxiolytic\$ or ((medium or minor) adj2 tranquil\$) or (serotonergic adj (agent\$ or drug\$ or preparation\$))) or meprobamate or stimulant\$ or (atomoxetin\$ or dexamfetamin\$ or dextroamphetamin\$ or methylphenidate) or (carbamazepin\$ or hypericum or lithium\$ or st john\$ wart or valproate or valproic acid) or (acamprosate or baclofen or buprenorphin\$ or carbamazepin\$ or chlordiazepoxide or chlormethiazole or clomethiazole or clonidin\$ or disulfiram or lofexidin\$ or methadone or naltrexon\$) or psychotropic\$.ti.

16. or/10,12,14-15

17. ae,de,si.fs. use emez, mesz or drug interations/ use psyh or exp "side effects (treatment)"/ use psyh

18. 8 and 16 and 17

3 Study design filters – all databases

3.1 Quantitative systematic review study design filters

3.11 Quantitative systematic review study design filter, general medical databases

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 psyh

7 (exp bibliographic database/ or (((electronic or computer\$ or online) adj database\$) or bids or cochrane or embase or index medicus or isi citation or medline or psyclit or psychlit or

- scisearch or science citation or (web adj2 science)).ti,ab.) and (review\$.ti,ab,sh,pt. or systematic\$.ti,ab.)
- 8 7 use emez
(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.)
- 9
10 9 use mesz, prem
(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.)
- 11
12 11 use psyh
((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.
- 13
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 haenzel 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 Quantitative systematic review study design filter, topic specific databases
CINAHL – EBSCO HOST

s33	s1 or s2 or s3 or s4 or s5 or s6 or s7 or s8 or s9 or s10 or s11 or s12 or s13 or s14 or s15 or s16 or s22 or s23 or s26 or s27 or s28 or s29 or s30 or s31 or s32
s32	ti (analy* n5 review* or assessment* n5 review* or evidence* n5 review* or methodol* n5 review* or quantativ* n5 review* or systematic* n5 review*) or ab (analy* n5 review* or assessment* n5 review* or evidence* n5 review* or methodol* n5 review* or quantativ* n5 review* or systematic* n5 review*)
s31	ti (analy* n5 overview* or assessment* n5 overview* or evidence* n5 overview* or methodol* n5 overview* or quantativ* n5 overview* or systematic* n5 overview*) or ab (

	analy* n5 overview* or assessment* n5 overview* or evidence* n5 overview* or methodol* n5 overview* or quantativ* n5 overview* or systematic* n5 overview*)
s30	ti (pool* n2 results or combined n2 results or combining n2 results) or ab (pool* n2 results or combined n2 results or combining n2 results)
s29	ti (pool* n2 studies or combined n2 studies or combining n2 studies) or ab (pool* n2 studies or combined n2 studies or combining n2 studies)
s28	ti (pool* n2 trials or combined n2 trials or combining n2 trials) or ab (pool* n2 trials or combined n2 trials or combining n2 trials)
s27	ti (pool* n2 data or combined n2 data or combining n2 data) or ab (pool* n2 data or combined n2 data or combining n2 data)
s26	s24 and s25
s25	ti review* or pt review*
s24	ti analy* or assessment* or evidence* or methodol* or quantativ* or systematic*
s23	ti "systematic* n5 search*" or ab "systematic* n5 search*"
s22	(s17 or s18 or s19) and (s20 or s21)
s21	ti systematic* or ab systematic*
s20	tx review* or mw review* or pt review*
s19	(mh "cochrane library")
s18	ti (bids or cochrane or index medicus or "isi citation" or psyclit or psychlit or scisearch or "science citation" or web n2 science) or ab (bids or cochrane or index medicus or "isi citation" or psyclit or psychlit or scisearch or "science citation" or web n2 science)
s17	ti ("electronic database*" or "bibliographic database*" or "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+")

3.2 Qualitative systematic review study design filters

3.21 Qualitative systematic review study design filter, general medical databases
Embase, Medline, Medline In-Process, PsycINFO – OVID SP

(cross case analys\$ or eppi approach or metaethno\$ or meta ethno\$ or metanarrative\$ or meta narrative\$ or meta overview or metaoverview or metastud\$ or meta stud\$ or metasummar\$ or meta summar\$ or qualitative overview\$ or ((critical interpretative or evidence or meta or mixed methods or multilevel or multi level or narrative or parallel or realist) adj synthes\$) or metasynthes\$).mp. or (qualitative\$ and (metaanal\$ or meta anal\$ or synthes\$ or systematic review\$)).ti,ab,hw,pt.

3.22 Qualitative systematic review study design filter, general medical databases
CINAHL– EBSCO Host

tx (("cross case analys*" or "eppi approach" or metaethno* or "meta ethno*" or metanarrative* or "meta narrative*" or "meta overview" or metaoverview or metastud* or "meta stud*" or metasummar* or "meta summar*" or "qualitative overview*" or (("critical interpretative" or evidence or meta or "mixed methods" or multilevel or "multi level" or narrative or parallel or realist) n1 synthes*) or metasynthes*) or (qualitative* and (metaanal* or "meta anal*" or synthes* or systematic review*)))

3.3 Randomized controlled trials study design filters

3.31 Randomized controlled trial study design filter, general medical databases
Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

- 1 exp "clinical trial (topic)"/ or exp clinical trial/ or crossover procedure/ or double blind procedure/ or placebo/ or randomization/ or random sample/ or single blind procedure/
- 2 1 use emez
- 3 exp clinical trial/ or exp "clinical trials as topic"/ or cross-over studies/ or double-blind method/ or placebos/ or random allocation/ 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)

3.32 Randomized controlled trial study design filter, topic specific databases
CINAHL– EBSCO Host

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

3.4 Observational study design filters

3.41 Observational studies study design filter, general medical databases
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]
(cohort analysis or followup studies or longitudinal studies or prospective studies or retrospective studies).sh,id. or (followup study or longitudinal study or prospective study or retrospective study).md.
- 6 [5 use psych]
- 7 ((epidemiologic\$ or observational) adj (study or studies)).ti,ab.
- 8 (cohort\$1 or cross section\$ or crosssection\$ or followup\$ or follow up\$ or followed or longitudinal\$ or prospective\$ or retrospective\$).ti,ab.
- 9 (case adj2 (control or series)).ti,ab.
- 10 or/2,4,6-9

3.5 Qualitative studies, health survey study design filters

3.51 Qualitative studies (primary and secondary), health surveys
Embase, Medline, PreMedline, PsycINFO – OVID SP

- 1 cluster analysis/ or constant comparative method/ or content analysis/ or cultural anthropology/ or discourse analysis/ or ethnographic research/ or ethnography/ or ethnology/ or ethnonursing research/ or field study/ or grounded theory/ or information processing/ or nursing methodology research/ or personal experience/ or phenomenology/ or purposive sample/ or qualitative research/ or exp recording/ or semi structured interview/ or storytelling/ or structured interview/ or thematic analysis/ or theoretical sample/
- 2 1 use emez
anthropology, cultural/ or focus groups/ or exp tape recording/ or interview/ or personal narratives/ or exp interviews as topic/ or narration/ or nursing methodology research/ or observation/ or qualitative research/ or sampling studies/ or cluster analysis/ or videodisc recording/
- 3 3 use mesz
"culture (anthropological)"/ or cluster analysis/ or content analysis/ or discourse analysis/ or ethnography/ or "experiences (events)"/ or grounded theory/ or interviews/ or life experiences/ or narratives/ or observation methods/ or phenomenology/ or qualitative research/ or structured clinical interview/ or exp tape recorders/ or storytelling/ or (field study or interview or focus group or qualitative study).md.
- 6 5 use psych
(action research or audiorecord\$ or ((audio or tape or video\$) adj5 record\$) or colaizzi\$ or (constant adj (comparative or comparison)) or content analy\$ or critical social\$ or (data adj1 saturat\$) or discourse analys?s or emic or ethical enquiry or ethno\$ or etic or experiences or fieldnote\$ or (field adj (note\$ or record\$ or stud\$ or research)) or (focus adj4 (group\$ or sampl\$)) or ((focus\$ or structured) adj2 interview\$) or giorgi\$ or glaser or (grounded adj (theor\$ or study or studies or research)) or heidegger\$ or hermeneutic\$ or heuristic or

human science or husserl\$ or ((life or lived) adj experience\$) or maximum variation or merleau or narrat\$ or ((participant\$ or nonparticipant\$) adj3 observ\$) or ((philosophical or social) adj research\$) or (pilot testing and survey) or purpos\$ sampl\$ or qualitative\$ or ricoeur or semiotics or shadowing or snowball or spiegelberg\$ or stories or story or storytell\$ or strauss or structured categor\$ or tape record\$ or taperecord\$ or testimon\$ or (thematic\$ adj3 analys\$) or Themes or theoretical sampl\$ or unstructured categor\$ or van kaam\$ or van manen or videorecord\$ or video record\$ or videotap\$ or video tap\$).ti,ab.

(cross case analys\$ or eppi approach or metaethno\$ or meta ethno\$ or metanarrative\$ or meta narrative\$ or meta overview or metaoverview or metastud\$ or meta stud\$ or metasummar\$ or meta summar\$ or qualitative overview\$ or ((critical interpretative or evidence or meta or mixed methods or multilevel or multi level or narrative or parallel or realist) adj synthes\$) or metasyntes\$).mp. or (qualitative\$ and (metaanal\$ or meta anal\$ or synthes\$ or systematic review\$)).ti,ab,hw,pt.

8 or/2,4,6-8

9 health care survey/ or exp interview/ or qualitative research/ or exp questionnaire/

10 10 use emez

11 health care surveys/ or exp interviews as topic/ or qualitative research/ or exp questionnaires/

12 12 use mesz

13 interviews/ or qualitative research/ or consumer surveys/ or questionnaires/

14 14 use psych

15 (interview* or questionnaire* or survey*).ti,ab.

16 or/11,13,15-16

17 exp health care organisation/ use emez or exp health services administration/ use mesz or exp health care administration/ use psych

18 or/17-18

3.52 Qualitative studies (primary and secondary), health surveys

CINAHL – Ebsco Host

s27	s19 or s25 or s26
s26	(mh "health services administration+")
s25	s20 or s21 or s22 or s23 or s24
s24	ti ((interview* or questionnaire* or survey*)) or ab ((interview* or questionnaire* or survey*))
s23	(mh "qualitative studies")
s22	(mh "questionnaires+")
s21	(mh "interviews+")
s20	(mh "surveys")
s19	s1 or s2 or s3 or s4 or s5 or s6 or s7 or s8 or s9 or s10 or s11 or s12 or s13 or s14 or s15 or

	s16 or s17
s18	ti ("action research" or audiorecord* or ((audio or tape or video*) n5 record*) or colaizzi* or (constant n1 (comparative or comparison)) or "content analy*" or "critical social*" or (data n1 saturat*) or "discourse analys?s" or emic or "ethical enquiry" or ethno* or etic or experiences or fieldnote* or (field n1 (note* or record* or stud* or research)) or (focus n4 (group* or sampl*)) or ((focus* or structured) n2 interview*) or giorgi* or glaser or (grounded n1 (theor* or study or studies or research)) or heidegger* or hermeneutic* or heuristic or "human science" or husserl* or ((life or lived) n1 experience*) or "maximum variation" or merleau or narrat* or ((participant* or nonparticipant*) n3 observ*) or ((philosophical or social) n1 research*) or ("pilot testing" and survey) or "purpos* sampl*" or qualitative* or ricoeur or semiotics or shadowing or snowball or spiegelberg* or stories or story or storytell* or strauss or "structured categor*" or tape record* or taperecord* or testimon* or (thematic* n3 analys*) or themes or "theoretical sampl*" or "unstructured categor*" or van kaam* or van manen or videorecord* or video record* or videotap* or video tap*) or ab ("action research" or audiorecord* or ((audio or tape or video*) n5 record*) or colaizzi* or (constant n1 (comparative or comparison)) or "content analy*" or "critical social*" or (data n1 saturat*) or "discourse analys?s" or emic or "ethical enquiry" or ethno* or etic or experiences or fieldnote* or (field n1 (note* or record* or stud* or research)) or (focus n4 (group* or sampl*)) or ((focus* or structured) n2 interview*) or giorgi* or glaser or (grounded n1 (theor* or study or studies or research)) or heidegger* or hermeneutic* or heuristic or "human science" or husserl* or ((life or lived) n1 experience*) or "maximum variation" or merleau or narrat* or ((participant* or nonparticipant*) n3 observ*) or ((philosophical or social) n1 research*) or ("pilot testing" and survey) or "purpos* sampl*" or qualitative* or ricoeur or semiotics or shadowing or snowball or spiegelberg* or stories or story or storytell* or strauss or "structured categor*" or tape record* or taperecord* or testimon* or (thematic* n3 analys*) or themes or "theoretical sampl*" or "unstructured categor*" or van kaam* or van manen or videorecord* or video record* or videotap* or video tap*))
s17	(mh "videorecording")
s16	(mh "theoretical sample")
s15	(mh "thematic analysis")
s14	(mh "qualitative validity")
s13	(mh "qualitative studies+")
s12	(mh "purposive sample")
s11	(mh "phenomenology")
s10	(mh "observational methods+")
s9	(mh "narratives")
s8	(mh "information processing (iowa noc)")
s7	(mh "focus groups")
s6	(mh "field studies")
s5	(mh "discourse analysis")

s4	(mh "content analysis")
s3	(mh "constant comparative method")
s2	(mh "cluster analysis")
s1	(mh "audiorecording")