

Appendix H: Search strategies for the identification of clinical studies

Scoping searches

A broad preliminary search of the literature was undertaken in July 2014 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 NICE Guidelines Manual (NICE, 2014).

Systematic searches

Each search was constructed using the groups of terms set out in Text Box 1. The selection of search terms was kept broad to maximise retrieval of evidence in a wide range of areas of interest to the Committee Group.

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

Topic: Experience of care				
Review question(s)	Search construction	Study design searched	Databases searched	Date range searched
<p>RQ 1.1: What factors support or hinder practitioners in their delivery of assessment, intervention or management for adults with mental health problems in contact with the criminal justice system?</p> <p>RQ 1.2: What factors improve or diminish access to, or experience of, services for adults in</p>	<p>General medical databases: Search 1 [(population terms) AND (qualitative / patient experience / access terms)]</p>	All studies	Embase, MEDLINE, PreMedline, PsycINFO	2000 to June 2016

<p>contact with the criminal justice system and their family or carers?</p> <p>RQ 1.3: What factors improve or diminish uptake of and engagement with intervention and services for adults in contact with the criminal justice system?</p>				
<p>Topic: Interventions and their adaptations to the criminal justice system</p>				
Review question(s)	Search construction	Study design searched	Databases searched	Date range searched
<p>RQ 3.1: What interventions are effective, or what modifications are needed to psychological, social, pharmacological or physical interventions recommended in existing NICE guidance, for adults in contact with the criminal justice system who have...</p> <p>RQ 3.4: For adults with a personality disorder (other than antisocial or</p>	<p>MEDLINE, PreMedline, PsycINFO: [(population terms) AND (SR/RCT)]</p> <p>CDSR, DARE, CENTRAL, HTA: [(population terms)]</p>	<p>SR, RCT</p>	<p>CDSR, DARE, CENTRAL, HTA, Embase, MEDLINE, PreMedline, PsycINFO</p>	<p>RCTs, Database inception to June 2016</p> <p>Systematic reviews, 2000 to June 2016</p>

<p>borderline personality disorder) who are in contact with the criminal justice system, what are the benefits and harms of psychological, social or pharmacological interventions aimed at reducing personality disorder symptomatology, or preventing or reducing offending or reoffending?</p> <p>RQ 3.5: What are the most effective interventions to promote mental health and wellbeing in adults in contact with the criminal justice system (including environmental adaptations and individual- and population-based psychoeducational interventions)?</p>				
<p>Topic: Staff training and education</p>				
<p>Review question(s)</p>	<p>Search construction</p>	<p>Study design searched</p>	<p>Databases searched</p>	<p>Date range searched</p>

<p>RQ 5.1: What are the most effective support, training and education, and supervision programmes for health, social care or criminal justice practitioners to improve awareness, recognition, assessment, intervention and management of mental health problems in adults in contact with the criminal justice system?</p>	<p>MEDLINE, PreMedline, PsycINFO: [(population terms) AND (SR/RCT)]</p> <p>CDSR, DARE, CENTRAL, HTA: [(population terms)]</p>	<p>SR, RCT</p>	<p>CDSR, DARE, CENTRAL, HTA, Embase, MEDLINE, PreMedline, PsycINFO</p>	<p>Database inception to June 2016</p>
<p>Topic: Interventions and their adaptations to the criminal justice system</p>				
<p>Review question(s)</p>	<p>Search construction</p>	<p>Study design searched</p>	<p>Databases searched</p>	<p>Date range searched</p>
<p>RQ 3.3: For adults with acquired cognitive impairment who are in contact with the criminal justice system, what are the benefits and harms of psychological, social or pharmacological interventions aimed at rehabilitation?</p>	<p>MEDLINE, PreMedline, PsycINFO: [(population terms) AND (SR/RCT)]</p> <p>CDSR, DARE, CENTRAL, HTA: [(population terms)]</p>	<p>SR, RCT</p>	<p>General medical databases: CDSR, DARE, CENTRAL, Embase, HTA, MEDLINE, PreMedline, PsycINFO</p>	<p>Database inception to June 2016</p>

Topic: Recognition and assessment				
Review question(s)	Search construction	Study design searched	Databases searched	Date range searched
<p>RQ 2.1: What are the most appropriate tools for the recognition of mental health problems, or what modifications are needed to recognition tools recommended in existing NICE guidance, for adults...</p> <p>RQ 2.2: What are the most appropriate tools to support or assist in the assessment of mental health problems, or what modifications are needed to assessment tools recommended in existing NICE guidance, for adults...</p> <p>RQ 2.3: What are the most appropriate tools to support or assist in risk assessment, for adults with mental health problems...</p>	<p>General medical databases: [(population terms) AND (((recognition and assessment terms) AND (diagnostic accuracy terms)) OR named tool terms)]</p>	<p>All studies</p>	<p>General medical databases: Embase, MEDLINE, PreMedline, PsycINFO</p>	<p>Database inception to June 2016</p>

<p>RQ 2.4: What are the key components of, and the most appropriate structure for a comprehensive assessment of mental health problems for adults...</p>				
<p>Topic: Interventions and their adaptations to the criminal justice system</p>				
<p>Review question(s)</p>	<p>Search construction</p>	<p>Study design searched</p>	<p>Databases searched</p>	<p>Date range searched</p>
<p>RQ 3.2: For adults with a paraphilic disorder who are in contact with the criminal justice system, what are the benefits and harms of psychological, social or pharmacological interventions aimed at reducing or preventing the expression of paraphilic behaviour, or preventing or reducing sexual offending or reoffending?</p>	<p>General medical databases: [(population terms) AND (paraphilic terms) AND (intervention terms)]</p> <p>CDSR, DARE, CENTRAL, HTA: [(population terms)]</p>	<p>All studies</p>	<p>General medical databases: CDSR, DARE, CENTRAL, Embase, HTA, MEDLINE, PreMedline, PsycINFO</p>	<p>Database inception to June 2016</p>

Topic: Organisation and provision of services				
Review question(s)	Search construction	Study design searched	Databases searched	Date range searched
RQ 4.1: What are the most effective care plans and pathways, and organisation and structure of services, for the assessment, intervention and management of mental health problems in people in contact with the criminal justice system to promote...	<p>General medical databases: [(population terms) AND (intervention terms) AND (UK terms)]</p> <p>CDSR, DARE, CENTRAL, HTA: [(population terms)]</p>	All studies	<p>General medical databases: CDSR, DARE, CENTRAL, Embase, HTA, MEDLINE, PreMedline, PsycINFO</p>	Database inception to June 2016

Systematic searches

Experience of care

RQ 1.1: What factors support or hinder practitioners in their delivery of assessment, intervention or management for adults with mental health problems in contact with the criminal justice system?

RQ 1.2: What factors improve or diminish access to, or experience of, services for adults in contact with the criminal justice system and their family or carers?

RQ 1.3: What factors improve or diminish uptake of and engagement with intervention and services for adults in contact with the criminal justice system?

Databases: Embase, Medline, PreMedline, PsycINFO – OVID

Dates searched: database inception to June 2016

1. exp *developmental disorder/ or *intellectual impairment/ or exp *mental deficiency/ or exp *learning disorder/
2. 1 use emez
3. developmental disabilities/ or exp intellectual disability/ or exp learning disorders/ or mentally disabled persons/
4. 3 use mesz, prem
5. exp developmental disabilities/ or exp intellectual development disorder/ or "intellectual development disorder (attitudes toward)"/ or exp learning disabilities/
6. 5 use psyh
7. ((intellect* adj (deficien* or difficult* or disab* or disorder* or impair* or handicap* or incapacit* or handicap* or subnorm* or sub*1 average or sub*1 average or sub*1 norm*)) or (low*2 adj2 intellect*) or (learning adj (deficien* or difficult* or disab* or disorder* or handicap* or impair* or incapacit* or handicap* or subnorm* or sub*1 average or sub*1 average or sub*1 norm*)) or (mental* adj (deficien* or disab* or handicap* or impair* or handicap* or incapacit* or retard* or subnorm* or sub*1 average or sub*1 average or sub*1 norm*))).ti,ab.
8. ((subaverage or sub*1 average or subnormal or sub*1 normal*) adj3 (child* or cognit* or intel*)).tw.
9. ((development* or neurodevelopment*) adj disab*).tw.
10. (education* adj5 subnorm*).tw.
11. (cretin* or feeble-minded* or imbecil* or moron*).tw.
12. (multipl* handicap* or sever* handicap* or handicap* child* or multiple disabilit* or developmental delay*).ti,ab.
13. *down syndrome/
14. 13 use emez
15. angelman syndrome/ or down syndrome/ or fragile x syndrome/
16. 15 use mesz, prem
17. down's syndrome/
18. 17 use psyh
19. (((angelman or happy puppet) adj2 syndrom*) or (down*1 adj (disease or syndrome*)) or bell martin or fragile x or gillian turner or martin bell or turner gillian or x chromosome fragility or (escalante* adj (disease or syndrome*))).ti,ab.
20. (special* adj2 (educat* or need*)).ti,ab,hw.
21. or/2,4,6-12,14,16,18-20
22. *mental disease/
23. 22 use emez
24. mental disorders/

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25. 24 use mesz, prem
 26. mental disorders/
 27. 26 use psyh
 28. ((mental* or psychologic*) adj2 (health or disorder* or disease* or deficien* or illness or problem*)).ti,ab,sh.
 29. or/23,25,27-28
 30. *attention deficit disorder/ use emez or exp "attention deficit and disruptive behavior disorders"/ use mesz, prem or exp attention deficit disorder/ use psyh or (adhd or attention deficit).ti,ab.
 31. exp *mood disorder/ use emez or exp mood disorders/ use mesz, prem or exp affective disorders/ use psyh or (affective psychosis or schizoaffective disorder).sh.
 32. (((bipolar or bi polar) adj2 (disorder* or depress*)) or hypomani* or mania* or manic* or mixed episode* or rcbd).ti,ab.
 33. (depres* or dysthym* or dysphori*).ti,ab.
 34. or/31-33
 35. *exp psychosis/ use emez or exp "schizophrenia and disorders with psychotic features"/ use mesz, prem or exp psychosis/ use psyh or (borderline states or paranoid schizophrenia).sh.
 36. (psychotic* or psychosis or psychoses or schizo*).ti,ab.
 37. or/35-36
 38. exp *eating disorder/ use emez or exp eating disorders/ use mesz, prem,psyh or binge eating.sh.
 39. (anorexi* or bulimi* or (eating adj2 disorder*)).ti,ab.
 40. or/38-39
 41. exp *anxiety disorder/ use emez or exp anxiety disorders/ use mesz, prem,psyh or anxiety.sh. or anxiet*.ti,ab.
 42. (obsessive compulsive or ocd).ti,ab.
 43. panic.sh. or panic*.ti,ab.
 44. phobi*.ti,ab.
 45. (combat neuros* or combat syndrome* or concentration camp syndrome* or post traumatic stress* or posttraumatic stress or ptsd).ti,ab.
 46. social anxiet*.ti,ab.
 47. or/41-46
 48. exp *personality disorder/ use emez or exp personality disorders/ use mesz, prem,psyh
 49. (aspd or personality disorder*).ti,ab.
 50. or/48-49
 51. *automutilation/ or exp *suicide behavior/
 52. 51 use emez
 53. self-injurious behavior/ or self mutilation/ or suicide/ or suicidal ideation/ or suicide, attempted/
 54. 53 use mesz, prem
 55. suicide/ or attempted suicide/ or exp self injurious behavior/ or suicidal ideation/ or suicide prevention/ or suicidology/
 56. 55 use psyh
 57. (autoaggress* or auto aggress* or automutilat* or auto mutilat* or cutt* or overdose* or (self adj2 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,ab.
 58. or/54,56-57
 59. exp *alcohol abuse/ or exp *drug dependence/ or exp *drug abuse/ or *substance abuse/
 60. 59 use emez
 61. drug seeking behavior/ or exp substance-related disorders/
 62. 61 use mesz, prem
 63. addiction/ or exp drug abuse/ or drug overdoses/ or sobriety/
 64. 63 use psyh

65. (alcoholi* or (alcohol* and (abstinence or detoxification or intoxicat* or rehabilit* or withdraw*))).hw.
66. (alcoholi* or (alcohol* adj2 (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 adj dos*) or problem* or rehab* or reliance or reliant or relaps* or withdraw*)) or (control* adj2 drink*) or sobriet*).ti,ab.
67. (((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 hashish or heroin or marihuana or marijua* 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) adj2 (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 user*).ti,ab.
68. or/60,62,64-67
69. exp *dementia/ use emez or exp dementia/ use mesz, prem,psych (alzheimer's disease or creutzfeldt jakob syndrome or picks disease).sh.
70. (alzheim* or binswanger* or dement* or kluver or lewy bod* or pick diseas*).ti,ab,hw.
71. or/69-70
72. *autism/ or *childhood disintegrative disorder/ or *infantile autism/ or *rett syndrome/ or "*pervasive developmental disorder not otherwise specified"/
73. 72 use emez
74. child development disorders, pervasive/ or autistic disorder/ or rett syndrome/
75. 74 use mesz, prem
76. autism/ or pervasive developmental disorders/ or autistic thinking/
77. 76 use psych
78. asperger*.sh. or (asperger* or autis* or cerebroatrophic hyperammonemia* or (kanners adj (disorder* or syndrome*)) or (rett* adj (disorder* or syndrome*)) or (pervasive adj2 developmental disorder*) or pdd nos).ti,ab.
79. or/73,75,77-78
80. *child sexual abuse/ or exp *paraphilic disorder/ or *rape/ or *sadism/ or exp *sexual behavior/
81. 80 use emez
82. child abuse, sexual/ or incest/ or exp paraphilias/ or rape/ or sex offences/
83. 82 use mesz, prem
84. (child abuse and sexual abuse).sh. or masturbation/ or exp paraphilias/ or psychosexual behavior/ or rape/ or exp sadomasochism/ or sex offences/
85. 84 use psych
86. (apotemnophili* or bdsm or bestiality or bondag* or ((child* or infant) and pornography) or bugger* or coprophil* or cross dress* or crossdress* or drag queen* or exhibitionist* or exhibitionism* or feticide or fetish* or frotteur* or incest* or (indecent adj (behav* or exposure)) or ((intrafamil* or intra famil*) adj2 abus*) or klismaphil* or molest* or masochis* or necrophil* or paraphili* or pedophil* or paedophil* or pederast* or perversion or ((psychosex* or sex*) adj3 (aberration* or abnormal* or abus* or assault* or aversion* or crime* or devian* or delinquen* or deviat* or disorder* or fondl* or inappropriate* or murder* or perver* or offenc* or offend* or subaltern* or tortur*)) or partialism or perverse or pervert* or rape or rapist* or sadism or sadist* or sadomas* or sado mas* or scatolog* or (sex* adj3 (infant* or child* or minor*1 or pornograp*)) or sodom* or transsexual* or trans sexual* or transvestic* or transvest* or urophil* or voyeuris* or voyeur*1).tw.
87. or/81,83,85-86
88. *delerium/ use emez or delerium/ use mesz, prem,psych
89. delerium.ti,ab.
90. or/88-89

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91. *body dysmorphic disorder/ use emez or body dysmorphic disorders/ use mesz, prem or body dysmorphic disorder/ use psych
92. ((body adj2 dysmorphi*) or dysmorphophobi*).ti,ab.
93. or/91-92
94. *cognitive defect/ use emez or cognition disorders/ use mesz, prem or cognitive impairment/ use psych
95. (cognit* adj2 (defect* or disorder* or impair* or problem*)).ti,ab.
96. or/94-95
97. *puerperal depression/ or *puerperal psychosis/
98. 97 use emez
99. depression, postpartum/ use mesz, prem
100. postpartum depression/ or postpartum psychosis/
101. 100 use psych
102. or/98-99,101
103. or/21,29,34,37,40,47,50,58,68,71,79,87,90,96,98,102
104. *offender/ or *prison/ or *prisoner/ or *probation/
105. 104 use emez
106. prisoners/ or prisons/
107. 106 use mesz, prem
108. exp correctional institutions/ or incarceration/ or maximum security facilities/ or parole/ or prisoners/ or probation/
109. 108 use psych
110. ((communit* adj2 sentenc*) or court*1 or criminal justice or (custod* adj2 (court* or police)) or felon* or inmate or in*1 mate or in*1 mates or incarcerat* or justice system or law enforc* or offender* or parolee* or penitentiary* or police or prison* or probation* or (remand* adj2 bail*) or reoffend* or re offend* or community rehab* compan* or street triag* or (arrestee* or community treatment order* or convicted or convict*1 or correctional or (forensic adj3 (patient* or psychiatry or inpatient* or service* or setting*)) or legal charge* or offending or offense* or offence* or penal or parole or paroled or tribunal* or (arrest* and violation*))).ti,ab.
111. or/105,107,109-110
112. 103 and 111
113. limit 112 to english language
114. limit 113 to yr="2000 -current"
115. (cross case analys* or metaethno* or meta ethno* or metanarrative* or meta narrative* or metasyntes* or meta syntes* or metasummar* or meta summar* or metastud* or meta stud* or metathem* or meta them* or narrative syntes* or qualitative syntes* or qualitative overview or metaoverview or meta overview).ti,ab.
116. qualitative research.sh. or (experience* or ((in*1 depth or indepth or semistructured or semi structured or unstructured or un structured) adj2 interview*) or (interview* and (attitude* or choice* or dissatisf* or expectation* or experienc* or inform* or opinion* or perceived* or (perception* not speech perception) or perspective* or preferen* or priorit* or satisf* or view*)) or qualitative*).ti,ab.
117. (colaizzi* or constant compar* or emic or ethno* or etic or giorgi* or glaser* or grounded theory or heidegger* or hermeneutic* or hussel* or merleau* or phenomenolog* or purposive sampl* or ricoeur* or spiegelberg* or strauss* or (thematic* adj3 analys*) or theoretical sampl* or van kaam* or van manen*).ti,ab.
118. ((adult* or attende* or carer* or caregiver* or care giver* or client* or consumer* or customer* or famil* or father* or individual* or mentor* or men or minorities or mother* or outpatient* or patient* or people* or person* or population* or teacher* or women or user* or adolescen* or child* or teen* or (young* adj (people or person* or patient* or population*)) or youngster* or youth*1 or felon* or parolee* or prisoner* or offender* or (clinician* or commissioner* or commissioning or contracting or contractor* or consultant* or doctor* or employee* or expert* or facilitator* or fundholder* or fund holder* or fund holding or fund holding or gatekeep* or gate keep* or gp*1 or healthcare or health profession* or health visit* or instructor* or leader* or manager* or mentor* or nurs* or officer* or personnel* or

practitioner* or occupational or pharmacist* or physician* or policy maker* or professional* or provider* or psychiatrist* or psychologist* or psychotherapist* or specialist* or staff* or team* or therapist* or tutor* or warder* or warden* or worker*)) and (attitude* or choice* or dissatisf* or expectation* or experienc* or inform* or opinion* or perceived or (perception* not speech perception) or perspective* or preferen* or priorit* or satisf* or view*).ti,ab.

119. ((access* or attend* or aversion or barrier* or engagement or equit* or facilitat* or hinder* or inequit* or inequalit* or non attend* or obstacle* or obstruct* or refus* or takeup* or take up * or uptake or utiliz* or utilis*) adj3 (care or general practice or healthcare or intervention* or program* or referral* or rehab* or service* or system* or therap* or treat*).ti,ab.

120. or/115-119

121. 114 and 120

Interventions and their adaptations to the criminal justice system

RQ 3.1: What interventions are effective, or what modifications are needed to psychological, social, pharmacological or physical interventions recommended in existing NICE guidance, for adults in contact with the criminal justice system who have...

RQ 3.3: For adults with acquired cognitive impairment who are in contact with the criminal justice system, what are the benefits and harms of psychological, social or pharmacological interventions aimed at rehabilitation?

RQ 3.4: For adults with a personality disorder (other than antisocial or borderline personality disorder) who are in contact with the criminal justice system, what are the benefits and harms of psychological, social or pharmacological interventions aimed at reducing personality disorder symptomatology, or preventing or reducing offending or reoffending?

RQ 3.5: What are the most effective interventions to promote mental health and wellbeing in adults in contact with the criminal justice system (including environmental adaptations and individual- and population-based psychoeducational interventions)?

Staff training and education

RQ 5.1: What are the most effective support, training and education, and supervision programmes for health, social care or criminal justice practitioners to improve awareness, recognition, assessment, intervention and management of mental health problems in adults in contact with the criminal justice system?

Databases: Embase, Medline, PreMedline, PsycINFO – OVID

Dates searched: database inception to June 2016

#	searches
1	court/ or crime/ or criminal behavior/ or criminal justice/ or criminal law/ or custody/ or detention/ or offender/ or prison/ or prisoner/ or probation/ or recidivism/
2	1 use emez
3	crime/ or criminal law/ or criminology/ or prisoners/ or prisons/
4	3 use mesz, prem
5	exp adjudication/ or exp correctional institutions/ or crime/ or exp criminal behavior/ or exp criminal justice/ or criminal law/ or criminal rehabilitation/ or criminology/ or incarceration/ or maximum security facilities/ or parole/ or penology/ or prisoners/ or probation/ or recidivism/
6	5 use psych

7	(adjudication or cjs or constabular* or convict* or court*1 or crime* or criminal* or detective* or (duty adj (psychologist* or solicitor*)) or felon* or gaol* or incarcerat* or inmate* or in*1 mate* or jail* or judicial or jurisdiction or justice or law enforcement or law officer* or lockdown or marshal* or offence* or offender* or parol*1 or penal or penitentiary* or penology or police* or prison* or probation* or prosecution* or punishable or reoffend* or re offend* or revocation or sentenced or sentencing or sheriff* or trigger offence).ti,ab.
8	((correction* adj2 (establishment* or facilit* or program* or setting* or unit*)) or supermax).ti,ab.
9	(confinement or detention or (secure adj2 (establishment* or facilit* or program* or setting* or unit*)) or (arrest* not (cardiac* or cardio*)) or bail*1 or custody or custodial or recidivism or remand* or sentence).ti,ab.
10	or/2,4,6-9
11	exp developmental disorder/ or intellectual impairment/ or exp mental deficiency/ or exp learning disorder/
12	11 use emez
13	developmental disabilities/ or exp intellectual disability/ or exp learning disorders/ or mentally disabled persons/
14	13 use mesz, prem
15	exp developmental disabilities/ or exp intellectual development disorder/ or "intellectual development disorder (attitudes toward)"/ or exp learning disabilities/
16	15 use psych
17	((intellect* adj (deficien* or difficult* or disab* or disorder* or impair* or handicap* or incapacit* or handicap* or subnorm* or sub*1 average or sub*1 average or sub*1 norm*)) or (low*2 adj2 intellect*) or (learning adj (deficien* or difficult* or disab* or disorder* or handicap* or impair* or incapacit* or handicap* or subnorm* or sub*1 average or sub*1 average or sub*1 norm*)) or (mental* adj (deficien* or disab* or handicap* or impair* or handicap* or incapacit* or retard* or subnorm* or sub*1 average or sub*1 average or sub*1 norm*))).ti,ab.
18	((subaverage or sub*1 average or subnormal or sub*1 normal*) adj3 (child* or cognit* or intel)).tw.
19	((development* or neurodevelopment*) adj disab*).tw.
20	(education* adj5 subnorm*).tw.
21	(cretin* or feeble-minded* or imbecil* or moron*).tw.
22	(multipl* handicap* or sever* handicap* or handicap* child* or multiple disabilit* or developmental delay*).ti,ab.
23	down syndrome/
24	23 use emez
25	angelman syndrome/ or down syndrome/ or fragile x syndrome/
26	25 use mesz, prem
27	down's syndrome/
28	27 use psych
29	((angelman or happy puppet) adj2 syndrom*) or (down*1 adj (disease or syndrome*)) or bell martin or fragile x or gillian turner or martin bell or turner gillian or x chromosome fragility or (escalante* adj (disease or syndrome*))).ti,ab.
30	(special* adj2 (educat* or need*)).ti,ab,hw.
31	or/12, 14, 16-22,24,26,28-30
32	mental disease/
33	32 use emez
34	mental disorders/
35	34 use mesz, prem

36	mental disorders/
37	36 use psych
38	((mental* or psychologic*) adj2 (health or disorder* or disease* or deficien* or illness or problem*)).ti,ab,sh.
39	or/33,35,37-38
40	(attention deficit disorder/ use emez or exp "attention deficit and disruptive behavior disorders"/ use mesz, prem or exp attention deficit disorder/ use psych or ((attenti* or disrupt* or impulsiv* or inattenti*).sh. or (((attenti* or disrupt*) adj3 (adolescen* or adult* or behav* or child* or class or classes or classroom* or condition* or difficult* or disorder* or learn* or people or person* or poor or problem* or process* or youngster*))) or (attenti* adj3 deficit*) or (hyper adj1 activ*) or (hyper adj1 kin*) or (minimal adj1 brain) or (over adj1 activ*) or ad hd or addh or adhd or hkd or hyperactiv* or hyperkin* or impulsiv* or inattentiv* or overactiv*).ti,ab. or disruptive*.tw,it,tm.))) not overactive bladder*.ti.
41	exp mood disorder/ use emez or exp mood disorders/ use mesz, prem or exp affective disorders/ use psych or (affective psychosis or schizoaffective disorder).sh.
42	((bipolar or bi?polar 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.
43	(depres* or seasonal affective disorder* or dysthym* or melancholi*).ti,ab.
44	or/41-43
45	exp psychosis/ use emez or exp "schizophrenia and disorders with psychotic features"/ use mesz, prem or exp psychosis/ use psych or (borderline states or paranoid schizophrenia).sh.
46	(psychotic* or psychosis or psychoses or schizo*).ti,ab.
47	or/45-46
48	exp eating disorder/ use emez or exp eating disorders/ use mesz, prem,psych or binge eating.sh.
49	(anorexi* or bing* or bulimi* or (compulsive adj2 (eat* or vomit*)) or (eating adj2 disorder*) or overeat* or (restrict* adj2 eat*) or (self?induc* adj2 vomit*)).ti,ab.
50	or/48-49
51	exp anxiety disorder/ use emez or exp anxiety disorders/ use mesz, prem,psych or anxiety.sh. or (anxi* or anxious* or ((chronic* or excessiv* or intens* or (long* adj2 last*) or neuros* or neurotic* or ongoing or persist* or serious* or sever* or uncontrol* or un control* or unrelent* or un relent*) adj2 worry)).ti,ab.
52	(body dysmorphic disorder or compulsions or compulsive behavior or obsessive behavior).sh. or (clean* response* or compulsional or compulsions or obsession or obsessional or obsessions or (obsessive compulsive adj (disorder* or neuros*)) or ocd or osteochondr* compulsion or (recurr* adj (obsession* or thought))).ti,ab. or (body dysmorphi* or dysmorphophobi* or imagine* ugl* or obsess* ruminat* or scrupulosity or ((symmetr* or count* or arrang* or order* or wash* or repeat* or hoard* or clean* or check*) adj compulsi*).mp.
53	panic.sh. or panic*.ti,ab.
54	(acrophob* or agoraphob* or claustrophob* or emetophob* or homophob* or kinesiphob* or lesbophob* or neophob* or neurophob* or phobi* or transphob* or trypanophob* or xenophob* or ((acute* or chronic* or extreme* or intense* or irrational* or persistent* or serious) adj2 fear*) or (fear* adj4 (air travel or animal* or blood* or buses or ((closed or public) adj2 space*) or crowd* or dark* or dental* or dentist* or dog*1 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 reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) or specific fear*).ti,ab.

55	(critical incident stress or emotional trauma or psychological stress or stress, psychological or traumatic neurosis).sh. or (acute stress or asd or combat neuros* or combat syndrome or concentration camp syndrome or desnos or extreme stress or flash back* or flashback* or hypervigilan* or hypervigilen* or post?traumatic* or post-traumatic* or psych* stress or psych* trauma* or psycho trauma* or psychotrauma* or ptsd or railway spine or (rape adj2 trauma*) or re experienc* or reexperienc* or stress disorder* or torture syndrome or traumatic neuros* or traumatic stress or (trauma* and (avoidance or death* or emotion* or grief or horror or nightmare* or night mare*))).ti,ab.
56	(blushing or hyperhidrosis or mutism or performance anxiety or shyness or social anxiety or sweating or timidity).sh. or (((anxiet* or anxious* or phobia* or phobic*) adj2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) adj3 (anxiet* or anxious* or chronic* or excessiv* or fear* or severe)) or ((interpersonal or inter personal or social* or socio*) adj2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or hyperhydrosis or hyperperspirat* or (hyper adj (hydrosis or perspirat*)) or ((mute* or mutism) adj2 (elective* or selective*)) or ((negative evaluation or speak*) adj3 (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) adj2 avoid*) or avoidant disorder) or (phobi* adj2 neuros*) or phobic disorder* or (school* adj2 (anxiet* or anxious* or phobi* or refuse or refusal)) or (shy or shyness) or specific phobia*).ti,ab.
57	or/51-56
58	exp personality disorder/ use emez or exp personality disorders/ use mesz, prem,psych
59	(borderline state or borderline person* or character disorder).sh. or ((borderline* adj3 (disorder* or person* or pd*1 or state*)) or (emotion* adj2 (instabil* or unstable) adj3 (character* or difficult* or disorder* or dysfunction* or pd or person*1 or personalit* or state*)) or (personalit* adj (disorder* or dysfunction*))).ti,ab. or (apd*1.tw. and (asocial* or anti social* or antisocial* or character* or dissocial* or dis social* or person*).mp.) or (aspd*1 or ((asocial* or antisocial* or anti social* or dissocial* or dis social*) adj3 (character* or difficult* or disorder* or dysfunction* or pd or person*)) or ((asocial* or antisocial* or anti social* or dissocial* or dis social*) and personalit*) or neuropsychopath* or psychopath*3 or psycho path*3 or sociopath* or socio path*).ti,ab. or ((borderline* and personalit*) or (borderline* and cluster b) or (dsm and (axis and ii))).mp.
60	or/58-59
61	automutilation/ or exp suicide behavior/
62	61 use emez
63	self-injurious behavior/ or self mutilation/ or suicide/ or suicidal ideation/ or suicide, attempted/
64	63 use mesz, prem
65	suicide/ or attempted suicide/ or exp self injurious behavior/ or suicidal ideation/ or suicide prevention/ or suicidology/
66	65 use psych
67	(autoaggress* or auto aggress* or automutilat* or auto mutilat* or cutt* or overdose* or (self adj2 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,ab.
68	or/64,66-67
69	exp alcohol abuse/ or exp drug dependence/ or exp drug abuse/ or substance abuse/
70	69 use emez
71	drug seeking behavior/ or exp substance-related disorders/
72	71 use mesz, prem
73	addiction/ or exp drug abuse/ or drug overdoses/ or sobriety/
74	73 use psych

75	(alcoholi* or (alcohol* and (abstinence or detoxification or intoxicat* or rehabilit* or withdraw*))).hw.
76	(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 disease* or disorder* or excessiv* or harm* or hazard* or heavy or high risk or intoxicat* or misus* or overdos* or (over adj dos*) or problem* or rehab* or reliance or reliant or relaps* or withdraw*)) or (control* adj2 drink*) or sobriet*).ti,ab.
77	((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 hashish or heroin or marihuana or marijuana* 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) 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 user*).ti,ab.
78	or/70,72,74-77
79	exp dementia/ use emez,mesz,psych or (alzheimer's disease or creutzfeldt jakob syndrome or picks disease).sh.
80	(alzheim* or binswanger* or dement* or kluver or lewy bod* or pick diseas*).ti,ab,hw.
81	or/79-80
82	autism/ or childhood disintegrative disorder/ or infantile autism/ or rett syndrome/ or "pervasive developmental disorder not otherwise specified"/
83	82 use emez
84	child development disorders, pervasive/ or autistic disorder/ or rett syndrome/
85	84 use mesz, prem
86	autism/ or pervasive developmental disorders/ or autistic thinking/
87	86 use psych
88	asperger*.sh. or (asperger* or autis* or cerebroatrophic hyperammonemia* or (kanners adj (disorder* or syndrome*)) or (rett* adj (disorder* or syndrome*)) or (pervasive adj2 developmental disorder*) or pdd nos).ti,ab.
89	or/83,85,87-88
90	child sexual abuse/ or exp paraphilic disorder/ or rape/ or sadism/ or exp sexual behavior/
91	90 use emez
92	child abuse, sexual/ or incest/ or exp paraphilias/ or rape/ or sex offences/
93	92 use mesz, prem
94	(child abuse and sexual abuse).sh. or masturbation/ or exp paraphilias/ or psychosexual behavior/ or rape/ or exp sadomasochism/ or sex offences/
95	94 use psych
96	(apotemnophili* or bdsm or bestiality or bondag* or ((child* or infant) and pornography) or bugger* or coprophil* or cross dress* or crossdress* or drag queen* or exhibitionist* or exhibitionism* or feticide or fetish* or frotteur* or incest* or (indecent adj (behav* or exposure)) or ((intrafamil* or intra famil*) adj2 abus*) or klismaphil* or molest* or masochis* or necrophil* or paraphili* or pedophil* or paedophil* or pederast* or perversion or ((psychosex* or sex*) adj3 (aberration* or abnormal* or abus* or assault* or aversion* or crime* or devian* or delinquen* or deviat* or disorder* or fondl* or inappropriate* or murder* or pervert* or offens* or offend* or subaltern* or tortur*)) or partialism or perverse or pervert* or rape or rapist* or sadism or sadist* or sadomas* or sado mas* or scatolog* or (sex* adj3 (infant* or child* or minor*1 or pornograp*)) or sodom* or transsexual* or trans sexual* or transvestic* or transvest* or urophil* or voyeuris* or voyeur*1).tw.

97	or/91,93,95-96
98	or/39-40,44,47,50,57,60,68,78,81,89,97
99	10 and 98
100	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/
101	100 use emez
102	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/
103	102 use mesz, prem
104	(clinical trials or placebo or random sampling).sh,id.
105	104 use psych
106	(clinical adj2 trial*).ti,ab.
107	(crossover or cross over).ti,ab.
108	((single* or doubl* or trebl* or tripl*) adj2 blind*) or mask* or dummy or doubleblind* or singleblind* or trebleblind* or tripleblind*).ti,ab.
109	(placebo* or random*).ti,ab.
110	treatment outcome*.md. use psych
111	animals/ not human*.mp. use emez
112	animal*/ not human*/ use mesz, prem
113	(animal not human).po. use psych
114	or/101,103,105-113
115	99 and 114
116	115
117	meta analysis/ or "meta analysis (topic)"/ or systematic review/
118	117 use emez
119	meta analysis.sh,pt. or "meta-analysis as topic"/ or "review literature as topic"/
120	119 use mesz, prem
121	(literature review or meta analysis).sh,id,md. or systematic review.id,md.
122	121 use psych
123	(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 psychlit or psychlit or scisearch or science citation or (web adj2 science)).ti,ab.) and (review*.ti,ab,sh,pt. or systematic*.ti,ab.)
124	123 use emez
125	(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 psychlit or psychlit or scisearch or science citation or (web adj2 science)).ti,ab.) and (review*.ti,ab,sh,pt. or systematic*.ti,ab.)
126	125 use mesz
127	(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 psychlit or psychlit or scisearch or science citation or (web adj2 science)).ti,ab.) and (review*.ti,ab,pt. or systematic*.ti,ab.)
128	127 use psych
129	((analy* or assessment* or evidence* or methodol* or quantativ* or systematic*) adj2 (overview* or review*)).tw. or ((analy* or assessment* or evidence* or methodol* or quantativ* or systematic*).ti. and review*.ti,pt.) or (systematic* adj2 search*).ti,ab.
130	(metaanal* or meta anal*).ti,ab.
131	(research adj (review* or integration)).ti,ab.
132	reference list*.ab.

133	bibliograph*.ab.
134	published studies.ab.
135	relevant journals.ab.
136	selection criteria.ab.
137	(data adj (extraction or synthesis)).ab.
138	(handsearch* or ((hand or manual) adj search*)).ti,ab.
139	(mantel haenszel or peto or dersimonian or der simonian).ti,ab.
140	(fixed effect* or random effect*).ti,ab.
141	((pool* or combined or combining) adj2 (data or trials or studies or results)).ti,ab.
142	or/118,120,122,124,126,128-141
143	99 and 142
144	143
145	or/116,144

Databases: CDSR, DARE, CENTRAL, HTA – Wiley
Dates searched: database inception to June 2016

- ID SearchHits
- #1 mesh descriptor: [crime] this term only
- #2 mesh descriptor: [criminal law] this term only
- #3 mesh descriptor: [criminology] this term only
- #4 mesh descriptor: [prisoners] this term only
- #5 mesh descriptor: [prisons] this term only
- #6 mesh descriptor: [police] this term only
- #7 mesh descriptor: [jurisprudence] this term only
- #8 mesh descriptor: [forensic sciences] this term only
- #9 (adjudication or cjs or constabular* or convict* or court* or crime* or criminal* or detective* or (duty near/1 (psychologist* or solicitor*)) or felon* or gaol* or incarcerat* or inmate* or "in* mate*" or jail* or judicial or jurisdiction or justice or "law enforcement" or "law officer*" or lockdown or marshal* or offence* or offender* or parol* or penal or penitentiari* or penology or police* or prison* or probation* or prosecution* or punishable or reoffend* or "re offend*" or revocation or sentenced or sentencing or sheriff* or "trigger offence"):ti,ab,kw (word variations have been searched)
- #10 ((correction* near/2 (establishment* or facilit* or program* or setting* or unit*)) or supermax):ti,ab,kw (word variations have been searched)
- #11 (confinement or detention or (secure near/2 (establishment* or facilit* or program* or setting* or unit*)) or (arrest* not (cardiac* or cardio*)) or bail* or custody or custodial or recidivism or remand* or sentence):ti,ab,kw (word variations have been searched)
- #12 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11
- #13 mesh descriptor: [developmental disabilities] this term only
- #14 mesh descriptor: [intellectual disability] explode all trees
- #15 mesh descriptor: [learning disorders] explode all trees
- #16 mesh descriptor: [mentally disabled persons] this term only
- #17 mesh descriptor: [angelman syndrome] this term only
- #18 mesh descriptor: [down syndrome] this term only
- #19 mesh descriptor: [fragile x syndrome] this term only
- #20 ((intellect* near/1 (deficien* or difficult* or disab* or disorder* or impair* or handicap* or incapacit* or handicap* or subnorm* or "sub* average" or "sub* average" or "sub* norm*")) or (low* near/2 intellect*) or (learning near/1 (deficien* or difficult* or disab* or disorder* or handicap* or impair* or incapacit* or handicap* or subnorm* or "sub* average" or "sub* average" or "sub* norm*")) or (mental* near/1 (deficien* or disab* or impair* or handicap* or incapacit* or retard* or subnorm* or "sub* average" or "sub* average" or "sub* norm*")) or ((subaverage or "sub* average" or subnormal or "sub* normal*") near/3 (child* or cognit* or

intel*) or ((development* or neurodevelopment*) near/1 disab*) or (education* near/5 subnorm*) or cretin* or "feeble-minded*" or imbecil* or moron* or handicap* or "multiple disabilit*" or "developmental delay*" or ((angelman or "happy puppet") near/2 syndrom*) or (down* near/1 (disease or syndrome*)) or "bell martin" or "fragile x" or "gillian turner" or "martin bell" or "turner gillian" or "x chromosome fragility" or (escalante* near/1 (disease or syndrome*)) or "cerebroatrophic hyperammonemia*" or (kanners near/1 (disorder* or syndrome*)) or handicap*):ab

#21 ((intellect* near/1 (deficien* or difficult* or disab* or disorder* or impair* or handicap* or incapacit* or handicap* or subnorm* or "sub* average" or "sub* average" or "sub* norm*")) or (low* near/2 intellect*) or (learning near/1 (deficien* or difficult* or disab* or disorder* or handicap* or impair* or incapacit* or handicap* or subnorm* or "sub* average" or "sub* average" or "sub* norm*")) or (mental* near/1 (deficien* or disab* or impair* or handicap* or incapacit* or retard* or subnorm* or "sub* average" or "sub* average" or "sub* norm*")) or ((subaverage or "sub* average" or subnormal or "sub* normal*") near/3 (child* or cognit* or intel*)) or ((development* or neurodevelopment*) near/1 disab*) or (education* near/5 subnorm*) or cretin* or "feeble-minded*" or imbecil* or moron* or handicap* or "multiple disabilit*" or "developmental delay*" or ((angelman or "happy puppet") near/2 syndrom*) or (down* near/1 (disease or syndrome*)) or "bell martin" or "fragile x" or "gillian turner" or "martin bell" or "turner gillian" or "x chromosome fragility" or (escalante* near/1 (disease or syndrome*)) or "cerebroatrophic hyperammonemia*" or (kanners near/1 (disorder* or syndrome*)) or handicap*):ti

#22 (special* near/2 (educat* or need*)):ti,ab,kw

#23 #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22

#24 mesh descriptor: [mental disorders] this term only

#25 mesh descriptor: [mentally ill persons] explode all trees

#26 ((mental* or psychologic*) near/2 (deficien* or disease* or disorder* or disturbance* or dysfunction* or health or illness* or problem*)):ti

#27 ((mental* or psychologic*) near/2 (deficien* or disease* or disorder* or disturbance* or dysfunction* or health or illness* or problem*)):ab

#28 mesh descriptor: [anxiety] explode all trees

#29 mesh descriptor: [dental anxiety] explode all trees

#30 mesh descriptor: [performance anxiety] explode all trees

#31 mesh descriptor: [anxiety disorders] explode all trees

#32 mesh descriptor: [blushing] explode all trees

#33 mesh descriptor: [hyperhidrosis] explode all trees

#34 mesh descriptor: [mutism] explode all trees

#35 mesh descriptor: [shyness] explode all trees

#36 (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

#37 (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

#38 mesh descriptor: [body dysmorphic disorders] explode all trees

#39 mesh descriptor: [compulsive behavior] explode all trees

#40 mesh descriptor: [obsessive behavior] explode all trees

#41 ("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

#42 ("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

#43 mesh descriptor: [panic] explode all trees

#44 panic*:ti

#45 panic*:ab

#46 (acrophob* or agoraphob* or claustrophob* or emetophob* or enfantaphob* or homophob* or infantaphob* or kinesiophob* 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

#47 (acrophob* or agoraphob* or claustrophob* or emetophob* or enfantaphob* or homophob* or infantaphob* or kinesiophob* 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

#48 (((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

#49 (((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

#50 mesh descriptor: [stress, psychological] explode all trees

#51 ("acute stress" or asd or "combat neuros*" or "combat syndrome" or "concentration camp 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

#52 ("acute stress" or asd or "combat neuros*" or "combat syndrome" or "concentration camp 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

#53 mesh descriptor: [eating disorders] explode all trees

#54 (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*)):ti

#55 (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

#56 mesh descriptor: [depression] explode all trees

#57 mesh descriptor: [mood disorders] explode all trees

#58 ((affective or mood) near/1 (disorder* or disturbance* or dysfunction*)):ti

#59 ((affective or mood) near/1 (disorder* or disturbance* or dysfunction*)):ab

#60 (cyclothym* or depres* or dysthym* or (low near/2 mood) or melanchol* or "seasonal affective disorder*"):ti

#61 (cyclothym* or depres* or dysthym* or (low near/2 mood) or melanchol* or "seasonal affective disorder*"):ab

#62 (((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

#63 (((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

#64 mesh descriptor: [schizophrenia and disorders with psychotic features] explode all trees

#65 (akathisi* or hebephreni* or oligophreni* or psychotic* or psychos* or schizo*):ti

#66 (akathisi* or hebephreni* or oligophreni* or psychotic* or psychos* or schizo*):ab

#67 parkinsoni* or "neuroleptic induc*" or psychiatric*:ti

#68 parkinsoni* or "neuroleptic induc*" or psychiatric*:ab

#69 mesh descriptor: [personality disorders] explode all trees

#70 (((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

#71 (((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

#72 (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

#73 (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

#74 ("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

#75 ("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

#76 mesh descriptor: [drug-seeking behavior] explode all trees

#77 mesh descriptor: [substance-related disorders] explode all trees

#78 alcohol* and (abstinence or detoxification or intoxicat* or rehabilit* or withdraw*):kw (word variations have been searched)

#79 alcoholi*:kw

#80 (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

-
- #81 (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
- #82 cannabis or cocaine or hashish or heroin or marihuana or marijuana*:kw
- #83 ((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
- #84 ((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
- #85 mesh descriptor: [delirium] explode all trees
- #86 mesh descriptor: [korsakoff syndrome] explode all trees
- #87 ("amnesic syndrome*" or catatoni* or deliri* or "dissociative disorder*" or hallucinosis or korsakof* or (organic near/1 (mental or brain))):ti
- #88 ("amnesic syndrome*" or catatoni* or deliri* or "dissociative disorder*" or hallucinosis or korsakof* or (organic near/1 (mental or brain))):ab
- #89 (adhd or addh or ad hd or ((adult* or child*) near/2 add*) or (attenti* near/3 deficit*) or hyperactiv* or (hyper near/1 activ*) or hyperkin* or hyper kin* or hkd or minimal brain or (brain dysfunction and (ritalin or methylphenidate)) or ((child* or adult*) near/3 (disrupt* or attention* or inattent* or impulsiv* or overactiv*)):ti
- #90 (adhd or addh or ad hd or ((adult* or child*) near/2 add*) or (attenti* near/3 deficit*) or hyperactiv* or (hyper near/1 activ*) or hyperkin* or hyper kin* or hkd or minimal brain or (brain dysfunction and (ritalin or methylphenidate)) or ((child* or adult*) near/3 (disrupt* or attention* or inattent* or impulsiv* or overactiv*)):ab
- #91 mesh descriptor: [conduct disorder] this term only
- #92 (child* near/3 (behav* or conduct*)) or (conduct* near/2 (defian* or difficult* or disorder* or disturb* or problem*)) or (oppositional near/3 (defiant* or disorder*)):ti
- #93 (child* near/3 (behav* or conduct*)) or (conduct* near/2 (defian* or difficult* or disorder* or disturb* or problem*)) or (oppositional near/3 (defiant* or disorder*)):ab
- #94 (behav* near/2 (agnostic or challeng* or dangerous or destructive or difficult* or disorder* or disrupt* or disturb* or externali* or problem*) near/5 (adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or paediatric* or pediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* near/1 (people or person* or patient* or population*)) or youngster* or youth*)):ti
- #95 (behav* near/2 (agnostic or challeng* or dangerous or destructive or difficult* or disorder* or disrupt* or disturb* or externali* or problem*) near/5 (adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or paediatric* or pediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* near/1 (people or person* or patient* or population*)) or youngster* or youth*)):ab
- #96 mesh descriptor: [acting out] this term only

#97 mesh descriptor: [domestic violence] explode all trees

#98 mesh descriptor: [aggression] explode all trees

#99 mesh descriptor: [anger] explode all trees

#100 mesh descriptor: [dangerous behavior] explode all trees

#101 mesh descriptor: [hate] this term only

#102 mesh descriptor: [hostility] this term only

#103 mesh descriptor: [sexual harassment] this term only

#104 mesh descriptor: [torture] this term only

#105 mesh descriptor: [violence] this term only

#106 (aggress* or agitat* or agonistic or anger or angry or assault* or attack* or bizarre or "challenging behav*" or "combative or danger*" or disrupt* or disturb* or (explosive near/2 disorder) or harass* or hostil* or ("impulse control" near/1 disorder*) or intimidat* or rage* or threat* or untoward or "un toward" or violen*):ti (word variations have been searched)

#107 (aggress* or agitat* or agonistic or anger or angry or assault* or attack* or bizarre or "challenging behav*" or "combative or danger*" or disrupt* or disturb* or (explosive near/2 disorder) or harass* or hostil* or ("impulse control" near/1 disorder*) or intimidat* or rage* or threat* or untoward or "un toward" or violen*):ab (word variations have been searched)

#108 "dysexecutive syndrome":ti,ab,kw (word variations have been searched)

#109 (masturbat* or ((psychosexual or sexual) near/1 (abus* or behavior or harass* or offenc*)):kw (word variations have been searched)

#110 (fondling or genital* or masturbat* or nudity or (inappropriate near/2 (grab* or touch*)) or (sex* near/2 (abus* or act* or behav* or proposition* or disinhibit* or harass* or offenc* or touch* or view*)):ti (word variations have been searched)

#111 (fondling or genital* or masturbat* or nudity or (inappropriate near/2 (grab* or touch*)) or (sex* near/2 (abus* or act* or behav* or proposition* or disinhibit* or harass* or offenc* or touch* or view*)):ab (word variations have been searched)

#112 mesh descriptor: [self-injurious behavior] this term only

#113 mesh descriptor: [self mutilation] this term only

#114 mesh descriptor: [suicide] this term only

#115 mesh descriptor: [suicidal ideation] this term only

#116 (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 (word variations have been searched)

#117 (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 (word variations have been searched)

#118 mesh descriptor: [dementia] explode all trees

#119 (alzhem* or binswanger* or dement* or kluver or "lewy bod*" or "pick diseas*"):ti (word variations have been searched)

#120 (alzhem* or binswanger* or dement* or kluver or "lewy bod*" or "pick diseas*"):ab (word variations have been searched)

#122 #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

#123 #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 or #89 or #90 or #91 or #92 or #93 or #94 or #95 or #96 or #97 or #98 or #99 91972

#124 #100 or #101 or #102 or #103 or #104 or #105 or #106 or #107 or #107 or #108 or #109 or #110 or #111 or #112 or #113 or #114 or #115 or #116 or #117 or #118 or #119 or #120

#125 mesh descriptor: [child development disorders, pervasive] explode all trees

#126 mesh descriptor: [rett syndrome] this term only

#127 (asperger* or autis* or "cerebroatrophic hyperammonemia*" or (kanners near/1 (disorder* or syndrome*)) or (rett* near/1 (disorder* or syndrome*)) or (pervasive near/2 "developmental disorder*") or "pdd nos"):ti (word variations have been searched)

#128 (asperger* or autis* or "cerebroatrophic hyperammonemia*" or (kanners near/1 (disorder* or syndrome*)) or (rett* near/1 (disorder* or syndrome*)) or (pervasive near/2 "developmental disorder*") or "pdd nos"):ab (word variations have been searched)

#129 #125 or #126 or #127 or #128

#130 #23 and (#122 or #123 or #124 or #129)

#131 #129 and (#122 or #123 or #124)

#132 #130 or #131

#133 mesh descriptor: [child development disorders, pervasive] explode all trees

#134 #132 and #107

#135 mesh descriptor: [aggression] explode all trees

#136 mesh descriptor: [anger] explode all trees

#137 fraud or "firesetting behavior" or homicide or "juvenile delinquency" or rape or sex offences or "social behavior disorders" or theft or torture or violence:kw (word variations have been searched)

#138 ((adjust* near/2 (difficult* or problem*)) or aggressi* or angry or anger* or antisocial* or "anti social*" or asbo or asocial or bully* or bullie* or callous* or delinquen* or deviant* or hostile or hostility or maladjust* or maladjust* or psychopath* or shoplift* or "shop lift*" or steal* or temper* or theft* or "unemotional trait*" or vandali* or violen* or (cruel* near/2 animal*) or "sex* offen*" or ((social or unemotional) near/1 (difficult* or problem*)) or ((noncomplian* or "non complian*") near/3 (adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or paediatric or pediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* near/1 (people or person* or patient* or population*)) or youngster* or youth*)):ti (word variations have been searched)

#139 ((adjust* near/2 (difficult* or problem*)) or aggressi* or angry or anger* or antisocial* or "anti social*" or asbo or asocial or bully* or bullie* or callous* or delinquen* or deviant* or hostile or hostility or maladjust* or maladjust* or psychopath* or shoplift* or "shop lift*" or steal* or temper* or theft* or "unemotional trait*" or vandali* or violen* or (cruel* near/2 animal*) or "sex* offen*" or ((social or unemotional) near/1 (difficult* or problem*)) or ((noncomplian* or "non complian*") near/3 (adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or paediatric or pediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* near/1 (people or person* or patient* or population*)) or youngster* or youth*)):ab (word variations have been searched)

#140 #135 or #136 or #137 or #138 or #139

#141 #23 and #140

#142 #129 and #140

#143 #141 or #142

#144 mesh descriptor: [child abuse, sexual] this term only

#145 mesh descriptor: [incest] this term only

#146 mesh descriptor: [paraphilias] 1 tree(s) exploded

#147 mesh descriptor: [rape] this term only

#148 (apotemnophili* or bdsm or bestiality or bondag* or ((child* or infant) and pornography) or bugger* or coprophil* or "cross dress*" or crossdress* or "drag queen*" or exhibitionist* or exhibitionism* or feticide or fetish* or frotteur* or incest* or (indecent near/1 (behav* or exposure)) or ((intrafamil* or intra famil*) near/2 abus*) or klismaphil* or molest* or masochis* or necrophil* or paraphili* or pedophil* or paedophil* or pederast* or perversion or ((psychosex* or sex*) near/3 (aberration* or abnormal* or abus* or assault* or aversion* or crime* or devian* or delinquen* or deviat* or disorder* or fondl* or inappropriate* or murder* or perver* or offenc* or offend* or subaltern* or tortur*)) or partialism or perverse or pervert*

or rape or rapist* or sadism or sadist* or sadomas* or sado mas* or scatolog* or (sex* near/3 (infant* or child* or minor* or pornograp*)) or sodom* or transsexual* or "trans sexual*" or transvestic* or transvest* or urophil* or voyeuris* or voyeur*):ti,ab,kw (word variations have been searched)

#149 #144 or #145 or #146 or #147 or #148

#150 #23 or #122 or #123 or #124 or #129 or #133 or #140 or #149

#151 #12 and #150

Recognition and assessment

RQ 2.1: What are the most appropriate tools for the recognition of mental health problems, or what modifications are needed to recognition tools recommended in existing NICE guidance, for adults...

RQ 2.2: What are the most appropriate tools to support or assist in the assessment of mental health problems, or what modifications are needed to assessment tools recommended in existing NICE guidance, for adults...

RQ 2.3: What are the most appropriate tools to support or assist in risk assessment, for adults with mental health problems...

RQ 2.4: What are the key components of, and the most appropriate structure for a comprehensive assessment of mental health problems for adults...

Databases: Embase, Medline, PreMedline, PsycINFO – OVID

Dates searched: database inception to June 2016

#	searches
1	court/ or crime/ or criminal behavior/ or criminal justice/ or criminal law/ or custody/ or detention/ or offender/ or prison/ or prisoner/ or probation/ or recidivism/
2	1 use emez
3	crime/ or criminal law/ or criminology/ or prisoners/ or prisons/
4	3 use mesz, prem
5	exp adjudication/ or exp correctional institutions/ or crime/ or exp criminal behavior/ or exp criminal justice/ or criminal law/ or criminal rehabilitation/ or criminology/ or incarceration/ or maximum security facilities/ or parole/ or penology/ or prisoners/ or probation/ or recidivism/
6	5 use psych
7	(adjudication or cjs or constabular* or convict* or court*1 or crime* or criminal* or detective* or (duty adj (psychologist* or solicitor*)) or felon* or gaol* or incarcerat* or inmate* or in*1 mate* or jail* or judicial or jurisdiction or justice or law enforcement or law officer* or lockdown or marshal* or offence* or offender* or parol*1 or penal or penitentiary* or penology or police* or prison* or probation* or prosecution* or punishable or reoffend* or re offend* or revocation or sentenced or sentencing or sheriff* or trigger offence).ti,ab.
8	((correction* adj2 (establishment* or facilit* or program* or setting* or unit*)) or supermax).ti,ab.
9	(confinement or detention or (secure adj2 (establishment* or facilit* or program* or setting* or unit*)) or (arrest* not (cardiac* or cardio*)) or bail*1 or custody or custodial or recidivism or remand* or sentence).ti,ab.
10	or/2,4,6-9
11	exp developmental disorder/ or intellectual impairment/ or exp mental deficiency/ or exp

	learning disorder/
12	11 use emez
13	developmental disabilities/ or exp intellectual disability/ or exp learning disorders/ or mentally disabled persons/
14	13 use mesz, prem
15	exp developmental disabilities/ or exp intellectual development disorder/ or "intellectual development disorder (attitudes toward)"/ or exp learning disabilities/
16	15 use psych
17	((intellect* adj (deficien* or difficult* or disab* or disorder* or impair* or handicap* or incapacit* or handicap* or subnorm* or sub*1 average or sub*1 average or sub*1 norm*)) or (low*2 adj2 intellect*) or (learning adj (deficien* or difficult* or disab* or disorder* or handicap* or impair* or incapacit* or handicap* or subnorm* or sub*1 average or sub*1 average or sub*1 norm*)) or (mental* adj (deficien* or disab* or handicap* or impair* or handicap* or incapacit* or retard* or subnorm* or sub*1 average or sub*1 average or sub*1 norm*))).ti,ab.
18	((subaverage or sub*1 average or subnormal or sub*1 normal*) adj3 (child* or cognit* or intel*)).tw.
19	((development* or neurodevelopment*) adj disab*).tw.
20	(education* adj5 subnorm*).tw.
21	(cretin* or feeble-minded* or imbecil* or moron*).tw.
22	(multipl* handicap* or sever* handicap* or handicap* child* or multiple disabilit* or developmental delay*).ti,ab.
23	down syndrome/
24	23 use emez
25	angelman syndrome/ or down syndrome/ or fragile x syndrome/
26	25 use mesz, prem
27	down's syndrome/
28	27 use psych
29	((angelman or happy puppet) adj2 syndrom*) or (down*1 adj (disease or syndrome*)) or bell martin or fragile x or gillian turner or martin bell or turner gillian or x chromosome fragility or (escalante* adj (disease or syndrome*))).ti,ab.
30	(special* adj2 (educat* or need*)).ti,ab,hw.
31	or/12,14,16-22,24,26,28-30
32	mental disease/
33	32 use emez
34	mental disorders/
35	34 use mesz, prem
36	mental disorders/
37	36 use psych
38	((mental* or psycholog* adj2 (health or disorder* or disease* or deficien* or illness or problem*)).ti,ab,sh.
39	or/33,35,37-38
40	(attention deficit disorder/ use emez or exp "attention deficit and disruptive behavior disorders"/ use mesz, prem or exp attention deficit disorder/ use psych or ((attenti* or disrupt* or impulsiv* or inattenti*).sh. or (((attenti* or disrupt*) adj3 (adolescen* or adult* or behav* or child* or class or classes or classroom* or condition* or difficult* or disorder* or learn* or people or person* or poor or problem* or process* or youngster*)) or (attenti* adj3 deficit*) or (hyper adj1 activ*) or (hyper adj1 kin*) or (minimal adj1 brain) or (over adj1 activ*) or ad hd or addh or adhd or hkd or hyperactiv* or hyperkin* or impulsiv* or inattentiv* or overactiv*).ti,ab. or disruptive*.tw,it,tm.))) not overactive bladder*.ti.

41	exp mood disorder/ use emez or exp mood disorders/ use mesz, prem or exp affective disorders/ use psych or (affective psychosis or schizoaffective disorder).sh.
42	((bipolar or bi?polar or bi polar adj5 (disorder* or depress*)) or ((cyclothymi* or rapid or ultradian) adj5 cycli*) or hypomani* or mania* or manic* or mixed episode* or rcbd).ti,ab.
43	(depres* or seasonal affective disorder* or dysthym* or melancholi*).ti,ab.
44	or/41-43
45	exp psychosis/ use emez or exp "schizophrenia and disorders with psychotic features"/ use mesz, prem or exp psychosis/ use psych or (borderline states or paranoid schizophrenia).sh.
46	(psychotic* or psychosis or psychoses or schizo*).ti,ab.
47	or/45-46
48	exp eating disorder/ use emez or exp eating disorders/ use mesz, prem,psych or binge eating.sh.
49	(anorexi* or bing* or bulimi* or (compulsive adj2 (eat* or vomit*)) or (eating adj2 disorder*) or overeat* or (restrict* adj2 eat*) or (self?induc* adj2 vomit*)).ti,ab.
50	or/48-49
51	exp anxiety disorder/ use emez or exp anxiety disorders/ use mesz, prem,psych or anxiety.sh. or (anxiet* or anxious* or ((chronic* or excessiv* or intens* or (long* adj2 last*) or neuros* or neurotic* or ongoing or persist* or serious* or sever* or uncontrol* or un control* or unrelent* or un relent*) adj2 worry)).ti,ab.
52	(body dysmorphic disorder or compulsions or compulsive behavior or obsessive behavior).sh. or (clean* response* or compulsional or compulsions or obsession or obsessional or obsessions or (obsessive compulsive adj (disorder* or neuros*)) or ocd or osteochondr* compulsion or (recurr* adj (obsession* or thought))).ti,ab. or (body dysmorphi* or dysmorphophobi* or imagine* ugl* or obsess* ruminat* or scrupulosity or ((symmetr* or count* or arrang* or order* or wash* or repeat* or hoard* or clean* or check*) adj compulsi*).mp.
53	panic.sh. or panic*.ti,ab.
54	(acrophob* or agoraphob* or claustrophob* or emetophob* or homophob* or kinesiphob* or lesbophob* or neophob* or neurophob* or phobi* or transphob* or trypanophob* or xenophob* or ((acute* or chronic* or extreme* or intense* or irrational* or persistent* or serious) adj2 fear*) or (fear* adj4 (air travel or animal* or blood* or buses or ((closed or public) adj2 space*) or crowd* or dark* or dental* or dentist* or dog*1 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 reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) or specific fear*).ti,ab.
55	(critical incident stress or emotional trauma or psychological stress or stress, psychological or traumatic neurosis).sh. or (acute stress or asd or combat neuros* or combat syndrome or concentration camp syndrome or desnos or extreme stress or flash back* or flashback* or hypervigilan* or hypervigilen* or post?traumatic* or post-traumatic* or psych* stress or psych* trauma* or psycho trauma* or psychotrauma* or ptsd or railway spine or (rape adj2 trauma*) or re experienc* or reexperienc* or stress disorder* or torture syndrome or traumatic neuros* or traumatic stress or (trauma* and (avoidance or death* or emotion* or grief or horror or nightmare* or night mare*))).ti,ab.
56	(blushing or hyperhidrosis or mutism or performance anxiety or shyness or social anxiety or sweating or timidity).sh. or (((anxiet* or anxious* or phobia* or phobic*) adj2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) adj3 (anxiet* or anxious* or chronic* or excessiv* or fear* or severe)) or ((interpersonal or inter personal or social* or socio*) adj2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or hyperhidrosis or hyperperspirat* or (hyper adj (hydrosis or perspirat*)) or ((mute* or mutism) adj2 (elective* or selective*)) or

	((negative evaluation or speak*) adj3 (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) adj2 avoid*) or avoidant disorder) or (phobi* adj2 neuros*) or phobic disorder* or (school* adj2 (anxiet* or anxious* or phobi* or refuse or refusal)) or (shy or shyness) or specific phobia*).ti,ab.
57	or/51-56
58	exp personality disorder/ use emez or exp personality disorders/ use mesz, prem,psych
59	(borderline state or borderline person* or character disorder).sh. or ((borderline* adj3 (disorder* or person* or pd*1 or state*)) or (emotion* adj2 (instabil* or unstable) adj3 (character* or difficult* or disorder* or dysfunction* or pd or person*1 or personalit* or state*)) or (personalit* adj (disorder* or dysfunction*))).ti,ab. or (apd*1.tw. and (asocial* or anti social* or antisocial* or character* or dissocial* or dis social* or person*).mp.) or (aspd*1 or ((asocial* or antisocial* or anti social* or dissocial* or dis social*) adj3 (character* or difficult* or disorder* or dysfunction* or pd or person*)) or ((asocial* or antisocial* or anti social* or dissocial* or dis social*) and personalit*) or neuropsychopath* or psychopath*3 or psycho path*3 or sociopath* or socio path*).ti,ab. or ((borderline* and personalit*) or (borderline* and cluster b) or (dsm and (axis and ii))).mp.
60	or/58-59
61	automutilation/ or exp suicide behavior/
62	61 use emez
63	self-injurious behavior/ or self mutilation/ or suicide/ or suicidal ideation/ or suicide, attempted/
64	63 use mesz, prem
65	suicide/ or attempted suicide/ or exp self injurious behavior/ or suicidal ideation/ or suicide prevention/ or suicidology/
66	65 use psych
67	(autoaggress* or auto aggress* or automutilat* or auto mutilat* or cutt* or overdose* or (self adj2 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,ab.
68	or/64,66-67
69	exp alcohol abuse/ or exp drug dependence/ or exp drug abuse/ or substance abuse/
70	69 use emez
71	drug seeking behavior/ or exp substance-related disorders/
72	71 use mesz, prem
73	addiction/ or exp drug abuse/ or drug overdoses/ or sobriety/
74	73 use psych
75	(alcoholi* or (alcohol* and (abstinence or detoxification or intoxicat* or rehabilit* or withdraw*))).hw.
76	(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 disease* or disorder* or excessiv* or harm* or hazard* or heavy or high risk or intoxicat* or misus* or overdos* or (over adj dos*) or problem* or rehab* or reliance or reliant or relaps* or withdraw*)) or (control* adj2 drink*) or sobriet*).ti,ab.
77	((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 hashish or heroin or marihuana or marijua* 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) 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 user*).ti,ab.
78	or/70,72,74-77
79	exp dementia/ use emez,mesz,psych or (alzheimer's disease or creutzfeldt jakob syndrome or pick's disease).sh.
80	(alzheimer* or binswanger* or dement* or kløver or lewy bod* or pick diseas*).ti,ab,hw.
81	or/79-80
82	autism/ or childhood disintegrative disorder/ or infantile autism/ or rett syndrome/ or "pervasive developmental disorder not otherwise specified"/
83	82 use emez
84	child development disorders, pervasive/ or autistic disorder/ or rett syndrome/
85	84 use mesz, prem
86	autism/ or pervasive developmental disorders/ or autistic thinking/
87	86 use psych
88	asperger*.sh. or (asperger* or autis* or cerebrotrophic hyperammonemia* or (kanners adj (disorder* or syndrome*)) or (rett* adj (disorder* or syndrome*)) or (pervasive adj2 developmental disorder*) or pdd nos).ti,ab.
89	or/83,85,87-88
90	child sexual abuse/ or exp paraphilic disorder/ or rape/ or sadism/ or exp sexual behavior/
91	90 use emez
92	child abuse, sexual/ or incest/ or exp paraphilias/ or rape/ or sex offences/
93	92 use mesz, prem
94	(child abuse and sexual abuse).sh. or masturbation/ or exp paraphilias/ or psychosexual behavior/ or rape/ or exp sadomasochism/ or sex offences/
95	94 use psych
96	(apotemnophil* or bdsm or bestiality or bondage* or ((child* or infant) and pornography) or bugger* or coprophil* or cross dress* or crossdress* or drag queen* or exhibitionist* or exhibitionism* or feticide or fetish* or frotteur* or incest* or (indecent adj (behav* or exposure)) or ((intrafamil* or intra famil*) adj2 abus*) or klismaphil* or molest* or masochis* or necrophil* or paraphili* or pedophil* or paedophil* or pederast* or perversion or ((psychosex* or sex*) adj3 (aberration* or abnormal* or abus* or assault* or aversion* or crime* or devian* or delinquen* or deviat* or disorder* or fondl* or inappropriate* or murder* or perver* or offenc* or offend* or subaltern* or tortur*)) or partialism or perverse or pervert* or rape or rapist* or sadism or sadist* or sadomas* or sado mas* or scatolog* or (sex* adj3 (infant* or child* or minor*1 or pornograp*)) or sodom* or transsexual* or trans sexual* or transvestic* or transvest* or urophil* or voyeuris* or voyeur*1).tw.
97	or/91,93,95-96
98	or/39-40,44,47,50,57,60,68,78,81,89,97
99	10 and 98
100	(adult suicide ideation questionnaire* or asiq or beck depression inventor* or beck hopelessness scale* or broset-violence checklist* or dynamic appraisal of situational aggression or dasa-iv or dasaiv or edinburgh risk of repetition scale* or errs or global clinical assessment* or hamilton depression rating scale* or hdrs or (health screening of people adj2 police custody) or help-pc or helppc or historical clinical risk management* or hcr-20 or hcr20 or level of supervision inventor* or manchester self-harm rule or mshr).ti,ab.
101	(national strategy for police information systems or spis or custody risk assessment* or offender group reconviction scale* or ogrs or psychopathy checklist* or psychopathy check list* or pcl-r or pclr or pcl-sv or pclsv or reasons for living inventor* or (risk assessment management adj2 audit systems) or rams or scale for suicide ideation or

	suicide assessment scale* or suas or suicide behav* questionnaire* or sbq-r or sbqr or suicide checklist* or suicide concerns for offenders in*1 prison environment or suicide intent scale* or suicide potential scale* or suicide probability scale* or violence risk assessment guide or vrag).ti,ab.
102	(modified overt aggression scale* or moas or (movie adj3 assessment of social cognition) or pervasive developmental disorders rating scale* or pddrs or (repeatable battery adj3 assessment of neuropsychological status) or rbans or (ritvo autism adj2 asperger* diagnostic scale*) or raads or (ritvo autism adj2 asperger* diagnostic scale*) or raads-r or raadsr or severity of alcohol dependence questionnaire* or sadq or social responsiveness scale*).ti,ab.
103	(clinical institute withdrawal assessment for alcohol scale* or ciwa or ciwaar or (developmental behaviour checklist adj2 adults) or dbc-a or dbca or (developmental dimensional adj2 diagnostic interview) or 3di or (diagnostic interview for social adj2 communication disorders) or disco or eating disorder inventor* or functional analysis screening tool* or leeds dependence questionnaire* or middlesex elderly assessment of mental state or meams).ti,ab.
104	(autism diagnostic observation schedule* or ados or (autism spectrum disorders diagnosis scale* adj2 intellectually disabled adults) or asd-da or asdda or behavior summarized evaluation* or bse-r or bser or behaviour problem inventor* or bpi-01 or bpi01 or behaviour problem inventor* or bpi-s or bpis or cambridge cognitive examination or camcog-r or camcogr or challenging behaviour interview* or childhood autism rating scale*).ti,ab.
105	(aberrant behaviour checklist* or addenbrooke* cognitive examination* or adult asperger assessment* or alcohol problems questionnaire* or alcohol use*1 disorders inventory test* or alzheimer* disease assessment scale* or adas-cog or adascog or anxiety disorders interview schedule or adis-iv or (asperger syndrome adj4 diagnostic interview*) or asdi or autism-diagnostic interview* or adi-r or adir).ti,ab.
106	(srs-ptsd or srptsd or seven-minute screen sheehan disability scale* or sheehan patient-related anxiety scale* or spras or single alcohol screening question* or sasq or social communication questionnaire* or scq or social phobia questionnaire* or social phobia module of the structured clinical interview for dsm-iv or scid-sp or scidsp or span test or symptom checklist 90 or scl-90 or scl90 or symptom checklist 90* or scl-90* or scl90 or t-ace screening tool* or trauma screening questionnaire* or tweak alcohol screening test* or whooley question* or zung self rated depression scale*).ti,ab.
107	(penn inventor* or personality assessment screen* or pervasive developmental disorder in*1 mental retardation scale* or pdd-mrs or pddmrs or post-traumatic stress disorder questionnaire* or ptsd-q or ptsdq or posttraumatic stress symptom scale* or pss-sr or psssr or post-traumatic diagnostic scale or prisoner intake screening or pisp or ptsd checklist or pcl-c or pclc or referral decision scale* or richmond agitation sedation scale* or rass or risk behav* related to*1 eating disorders or ribed-8 or ribed or scoff questionnaire* or screen for post-traumatic stress symptom* or sptss or screening instrument for psychosis or self-rating inventory for post-traumatic stress disorder or srip or self-rating scale for post-traumatic stress disorder).ti,ab.
108	(mini mental state examination* or mmse or mini social phobia inventor* or mini-spin or minispin or mood disorder questionnaire* or national strategy for police information system* or nspis or custody risk assessment * or new york state brief screening tool* or nys bst or nysbst or newcastle mental test score* or mhst or paddington alcohol test or panic agoraphobia scale* or panic disorder severity scale* or pdss-sr or patient health questionnaire* or phq-2 or phq-8 or phq-9 or phq2 or phq8 or phq9).ti,ab.
109	(health screening of people in*1 police custody or help-pc or helppc or (hospital anxiety adj2 depression scale) or hads or impact of event scale or jail screening assessment* or jsat or kessler-6 or kessler-10 or k6 or k10 or kessler6 or kessler10 or k-10 or (mental adj (disability or suicide) adj intake screen) or mdsis or (mental health screen* adj2 adults) or mhs-a or mhsa or mental health screening form or mhshf or michigan

	alcoholism screening test or (millon clinical adj (multiaxial or multi axial) adj inventory*) or mcmi*).ti,ab.
110	(edinburgh postnatal depression scale* or epds or england mental health screen* or emhs or general health questionnaire* or ghq-12 or ghq12 or ghq-28 or ghq28 or ghq30 or ghq-30 or general practitioner assessment of cognition or gpcog or generalized anxiety disorder scale* or geriatric depression scale* or gds-15 or gds15 or global appraisal of individual need* or hamilton anxiety rating scale* or ham-a or hama or hamilton rating scale* for depression or hrsd or hamilton depression rating scale* or hdrs or ham-d or hamd).ti,ab.
111	(dartmouth assessment of lifestyle instrument* or dali or davidson trauma scale* or delirium rating scale* or drs-r-98 or drsr98 or drsr 98 or disaster-related psychological screening test* or drpst or distress thermometer* or don grubin prison reception health screen* or drug abuse screening test* or dast-10 or dast10 or drug use*1 disorders identification test* or dudit or eating attitudes test* or eat-12 or eat12 or eat-26 or eat26 or eating disorder diagnostic scale* or edds or eating disorder examination questionnaire* or ede-q or edeq or eating disorders screen for primary care or eating disturbance scale* or eds-5 or eds5).ti,ab.
112	(beck anxiety inventor* or beck depression inventor* or binge eating scale* or dsmtptd or brief jail mental health screen* or bjmhhs or bjmhhs-r or bulimic investigatory test* or cage questionnaire* or cage-aid or caribbean culture-specific screen* for emotional distress or ccss or center for epidemiological studies depression scale* or ces-d or cesd or (chemical use*1 abuse adj2 dependency) or cuad or clock-drawing test* or co-occurring disorders screening instrument* or codsi or confusion assessment method* or correctional mental health screen* for men or cmhs-m or cmhsm or cmhs-w or cmhs).ti,ab.
113	(cognitive impairment test* or 6-cit or 6cit or abbreviated mental test* or (alcohol adj2 smoking adj2 substance involvement screening test*) or alcohol use*1 disorders inventor* or amritsar depression inventor* or (anxiety adj2 depression detector*) or autism-spectrum quotient* or aq10 or aq-10 or aq20 or aq-20 or aq50 or aq-50 or autism behavior checklist* or autism screening questionnaire* or social communication questionnaire* or autonomic nervous system questionnaire*).ti,ab.
114	or/100-113
115	((abc or ace or adi or amt or ans or apq or asq or bai or bdi or bes or bhs or bvc or cbi or drs or dts or edi or esp or gca or gss or ies or isi or ldq or lsi or masc or mast or mdq or pcl or pds or rds or rfl or scl or scq or sds or sis or spq or sps or srs or ssi or tsq) adj5 (assess* or course or detect* or diagnos* or evaluat* or identif* or monitor* or predict* or prognos* or psychodiagnos* or recogni* or screen*).ti,ab.
116	115 not 114
117	*checklist/ or *clinical assessment/ or *clinical evaluation/ or exp *computer assisted diagnosis/ or *functional assessment/ or *geriatric assessment/ or *measurement/ or *needs assessment/ or *nursing assessment/ or *outcome assessment/ or *patient assessment/ or *predictive value/ or *risk assessment/ or *scoring system/ or *self evaluation/ or *semi structured interview/ or ""speech and language assessment""/ or *structured interview/ or *structured questionnaire/
118	117 use emez
119	checklist/ or exp diagnosis, computer-assisted/ or diagnostic, self evaluation/ or geriatric assessment/ or interview, psychological/ or mass screening/ or needs assessment/ or exp nursing assessment/ or "outcome and process assessment (health care)"/ or "outcome assessment (health care)"/ or exp personality assessment/ or exp questionnaires/ or risk assessment/
120	119 use mesz, prem
121	attitude measurement/ or exp attitude measures/ or comprehension tests/ or computer assisted diagnosis/ or geriatric assessment/ or group testing/ or individual testing/ or measurement/ or needs assessment/ or exp perceptual measures/ or pretesting/ or exp

	psychiatric evaluation/ or exp psychodiagnostic interview/ or exp psychological assessment/ or exp questionnaires/ or risk assessment/ or exp selection tests/ or self evaluation/ or sensorimotor measures/
122	121 use psych
123	(battery or batteries or checklist* or check list* or 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 tool* or test form*).tw.
124	or/118,120,122-123
125	di.fs. or exp *diagnosis/ or exp *mass screening/ or *screening test/
126	125 use emez
127	di.fs. or exp diagnosis/ or mass screening/ or nursing diagnosis/
128	127 use mesz, prem
129	exp diagnosis/ or exp health screening/ or screening/ or exp screening tests/
130	129 use psych
131	(assess* or course or detect* or diagnos* or evaluat* or identif* or monitor* or predict* or prognos* or psychodiagnos* or recogni* or screen*).tw.
132	or/126,128,130-131
133	124 and 132
134	*clinical assessment tool/ or exp *diagnostic test/ or exp *psychologic test/ or *psychometry/ or *rating scale/ or *screening test/ or *summated rating scale/
135	134 use emez
136	diagnostic tests, routine/ or "predictive value of tests"/ or exp psychiatric status rating scales/ or exp psychological tests/
137	136 use mesz, prem
138	exp inventories/ or performance tests/ or exp personality measures/ or exp preference measures/ or psychometrics/ or exp rating scales/ or exp reading measures/ or exp retention measures/ or exp screening tests/ 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/
139	138 use psych
140	(casefind* or ((case or tool*) adj (find* or identif*))).tw.
141	or/133,135,137,139-140
142	"*area under the curve"/ or *predictive validity/ or *receiver operating characteristic/ or *reliability/ or "*sensitivity and specificity"/ or *test retest reliability/ or *validity/
143	142 use emez
144	"area under curve"/ or "predictive value of tests"/ or "reproducibility of results"/ or roc curve/ or "sensitivity and specificity"/ or validation studies/
145	144 use mesz, prem
146	test reliability/ or test validity/
147	146 use psych
148	(accurac* or accurat* or area under curve or auc value* or clinical utilit* 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.
149	or/143,145,147-148
150	141 and 149
151	(or/114-115) and 10
152	(99 and 150) not 151
153	151

154	limit 153 to english language
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Interventions and their adaptations to the criminal justice system

RQ 3.2: For adults with a paraphilic disorder who are in contact with the criminal justice system, what are the benefits and harms of psychological, social or pharmacological interventions aimed at reducing or preventing the expression of paraphilic behaviour, or preventing or reducing sexual offending or reoffending?

Databases: Embase, Medline, PreMedline, PsycINFO - OVID

Dates searched: database inception to June 2016

#	searches
1	exp psychotherapy/ use mesz, prem,psych or exp *psychotherapy/ use emez
2	*motivational interviewing/ or (motivation* and interview*).hw.
3	2 use emez
4	motivational interviewing/ or (motivation* and interview*).hw.
5	4 use mesz, prem
6	behavior change/ or motivational interviewing/ or (motivation* and interview*).hw. or readiness to change/ or stages of change/
7	6 use psych
8	((motivat* adj3 (advis* or consult* or counsel* or elicit* or ehanc* or guidance or improv* or instruct* or interview* or intervention* or recommend* or task* or therap*)) or (motivat* adj3 (lack* or poor or reduced)) or ((directive or behav* or goal orient* or prescriptive) adj3 counsel*).tw. or ((psychological adj (therap* or intervention* or treat* or program*).ti,ab. or psychotherapy/ use mesz, prem,psych or *psychotherapy/ use emez or (((psychosocial or psycho social) adj2 (intervention* or therap* or treat* or program*)) or psychotherap* or talking therap*).ti,ab. or (therapeutic communit* or tc treatment).tw.)
9	or/3,5,7-8
10	group process/ or group therapy/
11	10 use emez
12	exp group processes/ or exp psychotherapy, group/
13	12 use mesz, prem
14	group counseling/ or group psychodynamics/ or group psychotherapy/
15	14 use psych
16	(group adj2 (analy* or dialog* or dynamic* or therap* or technique* or psychotherap*).tw.
17	or/11,13,15-16
18	*psychoanalysis/ use emez or psychoanalysis/ use mesz, prem
19	exp psychoanalysis/ use psych
20	((object relations adj (therap* or psychotherap*)) or psychoanaly* or psycho analy* or (analytic* adj2 (therap* or psychotherap*))).tw.
21	or/18-20
22	*psychodynamic psychotherapy/ or *psychodynamics/
23	22 use emez
24	psychotherapy, psychodynamic/
25	24 use mesz, prem
26	psychodynamic psychotherapy/ or psychodynamics/
27	26 use psych

28	((dynamic or psychodynamic*) adj3 (intervention* or program* or therap* or treatment*)) or ((brief adj3 dynamic) and (therapy or psychotherapy)).ti.
29	or/23,25,27-28
30	multisystemic therapy/ use mesz, prem,psych or *multisystemic therapy/ use emez
31	((multisystemic* or multi systemic*) adj3 (intervention* or program* or therap* or treat*)).ti,ab.
32	or/30-31
33	dialectical behavior therapy.sh.
34	(dialectic* adj3 (intervention* or program* or therap* or treat*)).ti,ab.
35	or/33-34
36	therapeutic community/ use mesz, prem,psych or *therapeutic community/ use emez
37	recreation*.hw.
38	((community adj (culture or life)) or (communit* adj3 (heal* or program* or rehab* or meeting* or psychotherap* or recover* or support* or therap* or treatment* or wellness)) or ((community or group) adj (based or led)) or ((concept or recovery) adj2 (home* or house*)) or ((communit* or therapeutic) adj2 (cent* or team or treatment)) or (group* adj (program* or therap*))).ti,ab.
39	((offender or prisoner*) adj2 representative*) or canteen* or chairman or champion* or children* day* or coffee evening* or wing role* or ((interwing or inter wing) adj2 meeting*) or environments or entertainment* or films or focus group* or forum* or low risk room* or play area* or quiz* or (social adj (event* or evening*))).tw.
40	((offender* or prison*) adj3 (officer* or staff* or warden*) adj3 (engag* or interaction* or relationship*)) or therapeutic culture).tw.
41	or/36-40
42	*behavior modification/ or exp *behavior therapy/ or *cognitive therapy/
43	42 use emez
44	exp behavior therapy/
45	44 use mesz, prem
46	exp behavior therapy/ or cognitive behavior therapy/ or cognitive restructuring/ or exp cognitive techniques/
47	46 use psych
48	((behav* or cogniti*) adj3 (analy* or activation or approach* or contracting or intervention* or modif* or program* or psychotherap* or rehab* or remediat* or restructu* or technique* or therap* or train4 or treat* or technique*)) or (cognitive adj (behav* or distortions)) or cbt or dbt or metacognitive or meta-cognitive).tw.
49	(attribution* or (ret or (rational and emotiv*)) or (self and (instruct* or management* or attribution*))).tw.
50	or/43,45,47-49
51	milieu therapy/mesz, psych or *milieu therapy/ use emez
52	(embedded instruction or milieu* or incidental teaching or time delay).tw.
53	or/51-52
54	(gestalt* or schema*).tw.
55	*aversion therapy/ use emez
56	aversive therapy/ use mesz, prem
57	exp aversion therapy/ use psych
58	((aversi* adj3 (analy* or approach* or condition* or intervention* or method* or model* or modif* or olfactor* or procedure* or program* or psychotherap* or stimul* or technique* or therap* or treat*)) or ((aversive or nonaversiv*) adj behav*) or (covert adj2 (analy* or approach* or association or condition* or intervention* or method* or model* or modif* or olfactor* or orient* or procedure* or program* or psychotherap* or sensiti*

	or stimul* or therap* or treat*))).tw.
59	or/55-58
60	*systematic desensitization/
61	60 use emez
62	exp desensitization, psychologic/
63	62 use mesz, prem
64	systematic desensitization therapy/
65	64 use psych
66	(((desensiti* or sensiti?ation) adj3 (intervention* or program* or therap* or treatment*)) or ((systemic* or multisystemic*) adj (analy* or approach* or intervention* or method* or model* or modif* or procedure* or program* or psychotherap* or therap* or treat*))).tw.
67	or/61,63,65-66
68	interpersonal relations/
69	68 use mesz, prem
70	interpersonal psychotherapy/
71	70 use psych
72	(((communication or conversation* or interact* or inter connect* or interconnect* or inter communicat* or intercommunicat* or inter personal* or interpersonal* or inter relation* or interrelation* or relation* or social* or socio environmental or socioenvironmental) adj2 (feedback* or instruct* or intervention* or model* or program* or skill* or support* or therap* or train* or treat*)) or conversational partner* or ipsrt or ((inter personal or interpersonal) adj relation*) or milieu therap* or mood chart or sensitivity training or social rhythm*).tw.
73	or/69,71-72
74	relapse prevention.sh.
75	(relaps* adj3 prevent*).tw.
76	or/74-75
77	olfactory*.tw,sh.
78	sexual crime/ and therapy/
79	78 use emez
80	((criminal* or offend* or offens*) and (integrat* or recidivism or rehab*).hw. or criminal rehabilitation.sh.
81	(sex offender treatment programme* or sotp).ti,ab.
82	or/79-81
83	((social or therapeutic) adj5 climat*).tw.
84	((circle adj2 (friend* or support*)) or cosa or poor copers or (support adj2 accountability)).tw.
85	((psychologically informed adj (environment* or plan* or prison*)) or pipe).tw.
86	(abreaction or alderian or adlerian or (analytical adj (psychology or therap*)) or brief therap* or countertransference or dream analysis or focus orientat* or free association or freudian or gestalt or givens or ((individual or multi modal or multimodal) adj (intervention* or program* or therap*)) or (insight adj (orient* or therap*)) or jungian or kleinian or object relations or (psycholog* adj3 (intervention* or program* or therap* or treat*)) or psychoed* or psycho ed* or psychosocial or psycho social or psychotherap* or rogerian or talk* therap* or therapeutic technique* or therapist* or third wave or time limited or transference).ti,ab.
87	(((client or person) adj (orient* or cent*)) or personcent* or personcent* or personorient* or counsel* or (existential* or experiential* or humanistic or psycho synthesis or psychosynthesis or transactional analysis or (transpersonal adj (psychology or therapy)))).ti,ab.

88	or/1,9,17,21,29,32,35,41,50,53-54,59,67,73,76-77,82-87
89	*court/ or *crime/ or *criminal behavior/ or *criminal justice/ or *criminal law/ or *custody/ or *detention/ or *offender/ or *prison/ or *prisoner/ or *probation/ or *recidivism/
90	89 use emez
91	crime/ or criminal law/ or criminology/ or prisoners/ or prisons/
92	91 use mesz, prem
93	exp adjudication/ or exp correctional institutions/ or crime/ or exp criminal behavior/ or exp criminal justice/ or criminal law/ or criminal rehabilitation/ or criminology/ or incarceration/ or maximum security facilities/ or parole/ or penology/ or prisoners/ or probation/ or recidivism/
94	93 use psyh
95	(adjudication or cjs or constabular* or convict* or court*1 or crime* or criminal* or detective* or (duty adj (psychologist* or solicitor*)) or felon* or gaol* or incarcerat* or inmate* or in*1 mate* or jail* or judicial or jurisdiction or justice or law enforcement or law officer* or lockdown or marshal* or offence* or offender* or parol*1 or penal or penitentiary* or penology or police* or prison* or probation* or prosecution* or punishable or reoffend* or re offend* or revocation or sentenced or sentencing or sheriff* or trigger offence).ti,ab.
96	((correction* adj2 (establishment* or facilit* or program* or setting* or unit*)) or supermax).ti,ab.
97	(confinement or detention or (secure adj2 (establishment* or facilit* or program* or setting* or unit*)) or (arrest* not (cardiac* or cardio*)) or bail*1 or custody or custodial or recidivism or remand* or sentence).ti,ab.
98	or/90,92,94-97
99	*child sexual abuse/ or exp *paraphilic disorder/ or *rape/ or *sadism/ or exp *sexual behavior/
100	99 use emez
101	child abuse, sexual/ or incest/ or exp paraphilias/ or rape/ or sex offences/
102	101 use mesz, prem
103	(child abuse and sexual abuse).sh. or masturbation/ or exp paraphilias/ or psychosexual behavior/ or rape/ or exp sadomasochism/ or sex offences/
104	103 use psyh
105	(apotemnophili* or bdsm or bestiality or bondag* or ((child* or infant) and pornography) or bugger* or coprophil* or cross dress* or crossdress* or drag queen* or exhibitionist* or exhibitionism* or feticide or fetish* or frotteur* or incest* or (indecent adj (behav* or exposure)) or ((intrafamil* or intra famil*) adj2 abus*) or klismaphil* or molest* or masochis* or necrophil* or paraphili* or pedophil* or paedophil* or pederast* or perversion or ((psychosex* or sex*) adj3 (aberration* or abnormal* or abus* or assault* or aversion* or crime* or devian* or delinquen* or deviat* or disorder* or fondl* or inappropriate* or murder* or pervert* or offenc* or offend* or subaltern* or tortur*)) or partialism or perverse or pervert* or rape or rapist* or sadism or sadist* or sadomas* or sado mas* or scatolog* or (sex* adj3 (infant* or child* or minor*1 or pornograp*)) or sodom* or transsexual* or trans sexual* or transvestic* or transvest* or urophil* or voyeuris* or voyeur*1).tw.
106	or/100,102,104-105
107	88 and 98 and 106

Databases: Embase, Medline, PreMedline, PsycINFO – OVID
Dates searched: database inception to June 2016

#	searches
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1	court/ or crime/ or criminal behavior/ or criminal justice/ or criminal law/ or custody/ or detention/ or offender/ or prison/ or prisoner/ or probation/ or recidivism/
2	1 use emez
3	crime/ or criminal law/ or criminology/ or prisoners/ or prisons/
4	3 use mesz, prem
5	exp adjudication/ or exp correctional institutions/ or crime/ or exp criminal behavior/ or exp criminal justice/ or criminal law/ or criminal rehabilitation/ or criminology/ or incarceration/ or maximum security facilities/ or parole/ or penology/ or prisoners/ or probation/ or recidivism/
6	5 use psych
7	(adjudication or cjs or constabular* or convict* or court*1 or crime* or criminal* or detective* or (duty adj (psychologist* or solicitor*)) or felon* or gaol* or incarcerat* or inmate* or in*1 mate* or jail* or judicial or jurisdiction or justice or law enforcement or law officer* or lockdown or marshal* or offence* or offender* or parol*1 or penal or penitentiary* or penology or police* or prison* or probation* or prosecution* or punishable or reoffend* or re offend* or revocation or sentenced or sentencing or sheriff* or trigger offence).ti,ab.
8	((correction* adj2 (establishment* or facilit* or program* or setting* or unit*)) or supermax).ti,ab.
9	(confinement or detention or (secure adj2 (establishment* or facilit* or program* or setting* or unit*)) or (arrest* not (cardiac* or cardio*)) or bail*1 or custody or custodial or recidivism or remand* or sentence).ti,ab.
10	or/2,4,6-9
11	child sexual abuse/ or exp paraphilic disorder/ or rape/ or sadism/ or exp sexual behavior/
12	11 use emez
13	child abuse, sexual/ or incest/ or exp paraphilias/ or rape/ or sex offences/
14	13 use mesz, prem
15	(child abuse and sexual abuse).sh. or masturbation/ or exp paraphilias/ or psychosexual behavior/ or rape/ or exp sadomasochism/ or sex offences/
16	15 use psych
17	(apotemnophili* or bdsm or bestiality or bondag* or ((child* or infant) and pornography) or buggler* or coprophil* or cross dress* or crossdress* or drag queen* or exhibitionist* or exhibitionism* or feticide or fetish* or frotteur* or incest* or (indecent adj (behav* or exposure)) or ((intrafamil* or intra famil*) adj2 abus*) or klismaphil* or molest* or masochis* or necrophil* or paraphili* or pedophil* or paedophil* or pederast* or perversion or ((psychosex* or sex*) adj3 (aberration* or abnormal* or abus* or assault* or aversion* or crime* or devian* or delinquen* or deviat* or disorder* or fondl* or inappropriate* or murder* or perver* or offenc* or offend* or subaltern* or tortur*)) or partialism or perverse or pervert* or rape or rapist* or sadism or sadist* or sadomas* or sado mas* or scatolog* or (sex* adj3 (infant* or child* or minor*1 or pornograp*)) or sodom* or transsexual* or trans sexual* or transvestic* or transvest* or urophil* or voyeuris* or voyeur*1).tw.
18	or/12,14,16-17
19	exp neuroleptic agent/ use emez
20	exp antipsychotic agents/ use mesz, prem
21	exp neuroleptic drugs/ use psych
22	(antipsychotic* or anti psychotic* or (major adj2 (butyrophenon* or phenothiazin* or tranquil*)) or neuroleptic*).ti,ab.
23	amisulpride.sh. or (amisulprid*1 or aminosultoprid*1 or amisulpirid*1 or sertol*1 or socian or solian).ti,ab.
24	aripiprazole.sh. or (aripiprazol*1 or abilify or abilitat).ti,ab.

25	benperidol.sh. or (benperidol*1 or anquil or benperidon*1 or benzoperidol*1 or benzperidol*1 or frenactil*1 or frenactyl or glianimon*1 or phenactil*1).ti,ab.
26	chlorpromazine.sh. or (chlorpromazin*1 or aminazin*1 or chlorazin*1 or chlordelazin*1 or contomin*1 or fenactil*1 or largactil*1 or propaphenin*1 or thorazin*1).ti,ab.
27	chlorprothixene.sh. or (chlorprothixen*1 or aminasin*1 or aminasin*1 or aminazin*1 or aminazin*1 or ampliactil*1 or amplictil*1 or ancholactil*1 or chlopromazin*1 or chlor pz or chlorbromasin*1 or chlordelazin*1 or chlorderazin*1 or chloropromazin*1 or chlorpromanyl or chlorpromazin*1 or chlorprotixen*1 or clordelazin*1 or clorpromazin*1 or cloxan or contomin*1 or elmarin*1 or fenactil*1 or hibanil*1 or hiberna*1 or hibernol*1 or klorpromex or largactil*1 or largactyl or megaphen*1 or neurazin*1 or novomazin*1 or phenathyl or plegomazin*1 or plegomazin*1 or proma or promacid*1 or promactil*1 or promapar or promazil*1 or propaphen*1 or propaphenin*1 or prozil or psychozin*1 or sanopron*1 or solidon*1 or sonazin*1 or taractan*1 or taroctil*1 or thor prom or thorazen*1 or thorazin*1 or torazin*1 or truxal or vegetamin a or vegetamin b or wintamin*1 or wintermin*1 or zuledin*1).ti,ab.
28	clozapine.sh. or (clozapin*1 or alemoxan*1 or azaleptin*1 or clopine or clozaril*1 or denzapin*1 or dorval or dozapin*1 or fazaclo or froidir or klozapol or lapenax or leponex or wander compound or zaponex).ti,ab.
29	flupenthixol.sh. or (flupentixol*1 or flupenthixol*1 or depixel*1 or emergil*1 or fluanxol*1 or flupentixol*1 or emergil*1 or fluanxol*1 or piperazineethanol*1 or viscoleo).ti,ab.
30	fluphenazine.sh. or (fluphena?in* or anatensil or anatensol or antasol or dapotum or elinol or flufenazin* or flumezin or fluorfenazine or ftorphenazine or luogen depot or lyogen or lyorodin or moditen or moditin or omca or pacinol or permitil or phthorphenazine or prolixan 300 or prolixene or prolixin or prolixine or s 94 or sevin?l or squaline or squalon or squalone or siquoline or tensofin or trancin or valamina or vespazin or vespazine).ti,ab.
31	fluspirilene.sh. or (fluspirilen*1 or fluspi or imap or kivat or redeptin*1 or spirodiflamin*1).ti,ab.
32	haloperidol.sh. or (haloperidol*1 or aloperidin*1 or bioperidolo or brotopon or celenase or cerenace or dozic or duraperidol or einalon s or eukystol or fortunana*1 or haldol or halidol or haloneural*1 or haloperitol*1 or halosten or keselan or linton or peluces or serenace or serenase or siegoperidol*1 or sigaperidol*1).ti,ab.
33	(levomepromazine or methotrimeprazine).sh. or (levomepromazin*1 or 2 methoxytrimeprazin*1 or hirnamin*1 or levo promazin*1 or levomeprazin*1 or levopromazin*1 or levoprom*1 or mepromazin*1 or methotrimeprazin*1 or methotrimperazin*1 or milezin*1 or minozinan*1 or neozin*1 or neuractil*1 or neurocil*1 or nirvan or nosinan*1 or nozinan*1 or sinogan or tiscercin*1 or tizercin*1 or tizertsin*1 or veractil*1).ti,ab.
34	olanzapine.sh. or (olanzapin*1 or lanzac or midax or olansek or olzapin or rexapin or zalasta or zolafren or zydis or zypadhera or zyprex*1).ti,ab.
35	paliperidone.sh. or (paliperidon*1 or 9 hydroxyrisperidon*1 or invega).ti,ab.
36	paroxetine.sh. or (paroxetin*1 or aropax or deroxat or motivan or paxil*1 or pexeva or seroxat or tagonis).ti,ab.
37	periciazine.sh. or (pericyazin*1 or aolept or neulactil*1 or neuleptil*1 or periciazin*1 or properciazin*1 or propericiazin*1).ti,ab.
38	perphenazine.sh. or (perphenazin*1 or chlorperphenazin*1 or chlorpiprazin*1 or chlorpiprozin*1 or decentan*1 or etaperazin*1 or ethaperazin*1 or etrafon or fentazin*1 or perfenazin*1 or perfenazin*1 or perferazin*1 or perphenan*1 or perphenezin*1 or thilatazin*1 or tranquisan*1 or triavail or trifalon*1 or trilafan*1 or trilafon*1 or trilifan*1 or triliphan*1).ti,ab.
39	pimozide.sh. or (pimozid*1 or antalon*1 or opiran*1 or orap or pimocid*1 or pimorid*1 or pinozid*1).ti,ab.
40	prochlorperazine.sh. or (prochlorperazin*1 or buccastem or capazin*1 or

	chlormeprazin*1 or chlorpeazin*1 or chlorperazin*1 or compazin*1 or dicopal*1 or emelent or kronocin*1 or meterazin*1 or metherezin*1 or nipodal*1 or phenotil or prochlor perazin*1 or prochlorpemazin*1 or prochlorperacin*1 or prochlorperzin*1 or prochlorpromazin*1 or prochlorperazin*1 or stemetil or stemzine or temetil*1 or temetil*1).ti,ab.
41	promazine.sh. or (promazin*1 or alofen*1 or alophen*1 or ampazin*1 or amprazim*1 or centractyl or delazin*1 or esparin*1 or lete or liranol*1 or neo hibernex or neuroplegil*1 or piarin*1 or prazin*1 or pro tan or promantin*1 or promanyl*1 or promilen*1 or promwill or protactil*1 or protactyl*1 or romthiazin*1 or romtiazin*1 or sediston*1 or sinophenin*1 or sparin*1 or tomil or varophen*1 or verophen*1).ti,ab.
42	quetiapine.sh. or (quetiapin*1 or ketipinor or quepin or seroquel or tienapin*1).ti,ab.
43	risperidone.sh. or (risperidon*1 or belivon*1 or ridal or riscalin or risolept or rispen or risperdal*1 or sizodon).ti,ab.
44	sertindole.sh. or (sertindol*1 or indole or serdolect or serlect).ti,ab.
45	sulpiride.sh. or (sulpirid*1 or abilit or aiglonyl*1 or arminol*1 or bosnyl or deponerton*1 or desisulpid*1 or digton or dobren or dogmatil*1 or dogmatyl or dolmatil*1 or eglonyl or ekilid or equilid or guastil*1 or isnamid*1 or leboprid*1 or levopraid or levosulpirid*1 or meresa or miradol*1 or modal or neogama or pontirid*1 or psicocen*1 or sulfirid*1 or sulp*1 or sulperid*1 or sulpitil*1 or sulpivert or sulpor or sulpyride or synedil*1 or tepavil*1 or vertigo meresa or vertigo neogama or vipral).ti,ab.
46	trifluoperazine.sh. or (trifluoperazin*1 or apotrifluoperazine*1 or calmazin*1 or dihydrochlorid*1 or eskazin*1 or eskazin*1 or eskazinyl or fluoperazin*1 or flupazin*1 or jatroneural*1 or modalina or stelazin*1 or terfluzin*1 or terfluzin*1 or trifluoperazid*1 or trifluoperazin*1 or trifluoperzin*1 or trifluoroperazin*1 or trifluoroperacin*1 or trifluoperazin*1 or triflurin*1 or triftazin*1 or triftazinum or triptazin*1 or triphthasin*1 or triphthazin*1).ti,ab.
47	zotepine.sh. or (zotepin*1 or lodopin*1 or losizopilon or nipolept or setous or zoleptil).ti,ab.
48	clopenthixol.sh. or (zuclopenthixol*1 or acuphase or clopenthixol*1 or clopixol or cisordinol*1 or sedanaxol*1).ti,ab.
49	or/19-48
50	exp serotonin uptake inhibitor/ use emez or exp serotonin uptake inhibitors/ use mesz, prem,psych
51	((sstri* or ((serotonin or 5 ht or 5 hydroxytryptamine) adj (uptake or reuptake or re uptake) adj inhibit*)).ti,ab.
52	citalopram.sh. or (celexa or cipramil*1 or cipram or cital or citox or cytalopram or dalsan or elopram or emocal or escitalopram or lexapro or nitalapram or recital or sepram or seropram).ti,ab.
53	dapoxetine.sh. or (dapoxetin* or priligy).ti,ab.
54	escitalopram.sh. or (escitalopram or cipralex or esertia or lexapro or seroplex).ti,ab.
55	fluoxetine.sh. or (depex or fluoxetin*1 or fluctin*1 or flunirin*1 or fluox or depress*1 or fluoxifar or flutop or fontex or ladose or lovan or motivest or prodep or prosac or prozac or prozamin or sarafem or seromex or seronil or symbyax).ti,ab.
56	fluvoxamine.sh. or (fluvoxamin*1 or depromel*1 or desiflu or dumirox or faverin*1 or favoxil or fevarin*1 or floxyfral*1 or fluoxamin*1 or fluoxamin*1 or fluvoxadura or luvox or movox).ti,ab.
57	indalpine.sh. or (indalpin* or upstene).ti,ab.
58	nefazadone.sh. or (nefazadon*1 or dutonin or nefadar or reseril*1 or serzon*1).ti,ab.
59	paroxetine.sh. or (paroxetin*1 or aropax or deparoc or deroxat or divarius or loxamin* or motivan*1 or paroxat or paxil or pexeva or rexetin or sereupin or seroxat or tagonis or xetanor).ti,ab.
60	sertraline.sh. or (sertralin*1 or altrulin*1 or aremis or asentra or besitran*1 or gladem or

	lustral*1 or naphthylamin*1 or sealdin*1 or serad or serlain*1 or tresleen or zoloff).ti,ab.
61	zimidine.sh. or (zimidin* or normud or zelmid).ti,ab.
62	or/50-61
63	gonadorelin agonist/ or exp hormonal therapy/ or exp sex hormone antagonist/
64	63 use emez
65	exp gonadotropin-releasing hormone/ or exp hormone antagonists/ or exp hormone replacement therapy/
66	65 use mesz, prem
67	antiandrogens/ or exp gonadotropic hormones/ or exp progestational hormones/ or hormone therapy/
68	67 use psyh
69	(antiandrogen* or anti androgen* or gnrh*1 or chemical castration or ((drug* or medicat* or testosteron*) adj5 (lower* or reduc*) adj5 (hypersex* or (gonadotrop* and (agonist* or antagonist* or modulat* or receptor*))) or (sex* adj3 (compuls* or drive or fantas* or preoccupation or thoughts)))) or (hormon* adj2 (therap* or treat)) or (serum adj2 testosteron*) or (testosteron* adj2 (drug* or medicat*))).ti,ab.
70	(hormon* adj2 (agonist* or antagonist* or modulat* or therap* or treat)).ti,ab.
71	(triptorelin or arvekap or decapeptyl or detryptorelin or diphereline or gonadorelin or gonadotropin or gonapeptyl or lhrh or neo decapeptyl or trelstar or tryptorelin).tw.
72	leuprorelin.sh. or (leuprorelin or carcinil or depo lupron or eligard or enanton* or ginecrin* or gonadorelin* or leuplin or leuprogel or leuprolide or leuprolide or leupron or leuprorelin or lorelin or lucrin or lupride or luprolex or lupron or procren or procrin or prostap or reliser or trenantone or viadur).ti,ab.
73	cyproterone acetate.sh,ti,ab. or (androcur or cyprostat or cyproteran* or cyproteron* or cyproteronacetate or cyproteron* or sinovir or virilit).tw.
74	medroxyprogesterone acetate.sh,ti,ab. or (medroxyprogesterone or methylprogesterone or acetoxyprogesterone or progesterone acetate or hydroxyprogesterone acetate or acetoxymethylprogesterone or amen or aragest or clinofem or clinovir or curretab or cycrin or depo prodasone or depo provera or depo subq provera or depo-prodasone or depo-provera or depo-provera contraceptive or depo-subq provera or depo-subqprovera or depoclinovir or depomedroxyprogesterone acetate or depoprodasone or depopromone or depoprovera or depot provera or estrofarlutal or farkital or farlutal or gestapolar or gestapuran or gestapuron or hydroxyprogesterone or hysron h or lutopolar or lutorial farmit or manodepa or progesterone acetate or medroxyprogesteronacetate or meges or megestron or meprate or methylacetoxyprogesterone or methylpregnane or oragest or perkitec or perlutec or prodafem or prodasone or progen or progesterone or progevera or prothyra or provera or ralovera or repromap or veramix or veraplex).tw.
75	or/64,66,68-74
76	or/49,62,75
77	10 and 18 and 76

Databases: CDSR, DARE, CENTRAL, HTA – Wiley
Dates searched: database inception to June 2016

ID	Search Hits
#1	mesh descriptor: [crime] this term only
#2	mesh descriptor: [criminal law] this term only
#3	mesh descriptor: [criminology] this term only
#4	mesh descriptor: [prisoners] this term only
#5	mesh descriptor: [prisons] this term only
#6	mesh descriptor: [police] this term only
#7	mesh descriptor: [jurisprudence] this term only
#8	mesh descriptor: [forensic sciences] this term only

- #9 (adjudication or cjs or constabular* or convict* or court* or crime* or criminal* or detective* or (duty near/1 (psychologist* or solicitor*)) or felon* or gaol* or incarcerat* or inmate* or "in* mate*" or jail* or judicial or jurisdiction or justice or "law enforcement" or "law officer*" or lockdown or marshal* or offence* or offender* or parol* or penal or penitentiari* or penology or police* or prison* or probation* or prosecution* or punishable or reoffend* or "re offend*" or revocation or sentenced or sentencing or sheriff* or "trigger offence"):ti,ab,kw (word variations have been searched)
- #10 ((correction* near/2 (establishment* or facilit* or program* or setting* or unit*)) or supermax):ti,ab,kw (word variations have been searched)
- #11 (confinement or detention or (secure near/2 (establishment* or facilit* or program* or setting* or unit*)) or (arrest* not (cardiac* or cardio*)) or bail* or custody or custodial or recidivism or remand* or sentence):ti,ab,kw (word variations have been searched)
- #12 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11
- #13 mesh descriptor: [developmental disabilities] this term only
- #14 mesh descriptor: [intellectual disability] explode all trees
- #15 mesh descriptor: [learning disorders] explode all trees
- #16 mesh descriptor: [mentally disabled persons] this term only
- #17 mesh descriptor: [angelman syndrome] this term only
- #18 mesh descriptor: [down syndrome] this term only
- #19 mesh descriptor: [fragile x syndrome] this term only
- #20 ((intellect* near/1 (deficien* or difficult* or disab* or disorder* or impair* or handicap* or incapacit* or handicap* or subnorm* or "sub* average" or "sub* average" or "sub* norm*")) or (low* near/2 intellect*) or (learning near/1 (deficien* or difficult* or disab* or disorder* or handicap* or impair* or incapacit* or handicap* or subnorm* or "sub* average" or "sub* average" or "sub* norm*")) or (mental* near/1 (deficien* or disab* or impair* or handicap* or incapacit* or retard* or subnorm* or "sub* average" or "sub* average" or "sub* norm*")) or ((subaverage or "sub* average" or subnormal or "sub* normal*") near/3 (child* or cognit* or intel*)) or ((development* or neurodevelopment*) near/1 disab*) or (education* near/5 subnorm*) or cretin* or "feeble-minded*" or imbecil* or moron* or handicap* or "multiple disabilit*" or "developmental delay*" or ((angelman or "happy puppet") near/2 syndrom*) or (down* near/1 (disease or syndrome*)) or "bell martin" or "fragile x" or "gillian turner" or "martin bell" or "turner gillian" or "x chromosome fragility" or (escalante* near/1 (disease or syndrome*)) or "cerebroatrophic hyperammonemia*" or (kanners near/1 (disorder* or syndrome*)) or handicap*):ab
- #21 ((intellect* near/1 (deficien* or difficult* or disab* or disorder* or impair* or handicap* or incapacit* or handicap* or subnorm* or "sub* average" or "sub* average" or "sub* norm*")) or (low* near/2 intellect*) or (learning near/1 (deficien* or difficult* or disab* or disorder* or handicap* or impair* or incapacit* or handicap* or subnorm* or "sub* average" or "sub* average" or "sub* norm*")) or (mental* near/1 (deficien* or disab* or impair* or handicap* or incapacit* or retard* or subnorm* or "sub* average" or "sub* average" or "sub* norm*")) or ((subaverage or "sub* average" or subnormal or "sub* normal*") near/3 (child* or cognit* or intel*)) or ((development* or neurodevelopment*) near/1 disab*) or (education* near/5 subnorm*) or cretin* or "feeble-minded*" or imbecil* or moron* or handicap* or "multiple disabilit*" or "developmental delay*" or ((angelman or "happy puppet") near/2 syndrom*) or (down* near/1 (disease or syndrome*)) or "bell martin" or "fragile x" or "gillian turner" or "martin bell" or "turner gillian" or "x chromosome fragility" or (escalante* near/1 (disease or syndrome*)) or "cerebroatrophic hyperammonemia*" or (kanners near/1 (disorder* or syndrome*)) or handicap*):ti
- #22 (special* near/2 (educat* or need*)):ti,ab,kw
- #23 #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22
- #24 mesh descriptor: [mental disorders] this term only
- #25 mesh descriptor: [mentally ill persons] explode all trees
- #26 ((mental* or psychologic*) near/2 (deficien* or disease* or disorder* or disturbance* or dysfunction* or health or illness* or problem*)):ti
- #27 ((mental* or psychologic*) near/2 (deficien* or disease* or disorder* or disturbance* or dysfunction* or health or illness* or problem*)):ab

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- #28 mesh descriptor: [anxiety] explode all trees
- #29 mesh descriptor: [dental anxiety] explode all trees
- #30 mesh descriptor: [performance anxiety] explode all trees
- #31 mesh descriptor: [anxiety disorders] explode all trees
- #32 mesh descriptor: [blushing] explode all trees
- #33 mesh descriptor: [hyperhidrosis] explode all trees
- #34 mesh descriptor: [mutism] explode all trees
- #35 mesh descriptor: [shyness] explode all trees
- #36 (anxi* 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
- #37 (anxi* 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
- #38 mesh descriptor: [body dysmorphic disorders] explode all trees
- #39 mesh descriptor: [compulsive behavior] explode all trees
- #40 mesh descriptor: [obsessive behavior] explode all trees
- #41 ("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
- #42 ("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
- #43 mesh descriptor: [panic] explode all trees
- #44 panic*:ti
- #45 panic*:ab
- #46 (acrophob* or agoraphob* or claustrophob* or emetophob* or enfantaphob* or homophob* or infantaphob* or kinesiophob* 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
- #47 (acrophob* or agoraphob* or claustrophob* or emetophob* or enfantaphob* or homophob* or infantaphob* or kinesiophob* 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
- #48 (((anxi* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or anthropophobi* socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxi* 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
#49 (((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
#50 mesh descriptor: [stress, psychological] explode all trees
#51 ("acute stress" or asd or "combat neuros*" or "combat syndrome" or "concentration camp 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
#52 ("acute stress" or asd or "combat neuros*" or "combat syndrome" or "concentration camp 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
#53 mesh descriptor: [eating disorders] explode all trees
#54 (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*)):ti
#55 (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
#56 mesh descriptor: [depression] explode all trees
#57 mesh descriptor: [mood disorders] explode all trees
#58 ((affective or mood) near/1 (disorder* or disturbance* or dysfunction*)):ti
#59 ((affective or mood) near/1 (disorder* or disturbance* or dysfunction*)):ab
#60 (cyclothym* or depres* or dysthym* or (low near/2 mood) or melanchol* or "seasonal affective disorder*"):ti
#61 (cyclothym* or depres* or dysthym* or (low near/2 mood) or melanchol* or "seasonal affective disorder*"):ab
#62 (((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
#63 (((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
#64 mesh descriptor: [schizophrenia and disorders with psychotic features] explode all trees
#65 (akathisi* or hebephreni* or oligophreni* or psychotic* or psychos* or schizo*):ti
#66 (akathisi* or hebephreni* or oligophreni* or psychotic* or psychos* or schizo*):ab
#67 parkinsoni* or "neuroleptic induc*" or psychiatric*:ti
#68 parkinsoni* or "neuroleptic induc*" or psychiatric*:ab
#69 mesh descriptor: [personality disorders] explode all trees
#70 (((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

#71 ((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

#72 (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

#73 (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

#74 ("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

#75 ("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

#76 mesh descriptor: [drug-seeking behavior] explode all trees

#77 mesh descriptor: [substance-related disorders] explode all trees

#78 alcohol* and (abstinence or detoxification or intoxicat* or rehabilit* or withdraw*):kw
(word variations have been searched)

#79 alcoholi*:kw

#80 (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

#81 (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

#82 cannabis or cocaine or hashish or heroin or marihuana or marijuana*:kw

#83 ((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

#84 ((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

#85 mesh descriptor: [delirium] explode all trees

#86 mesh descriptor: [korsakoff syndrome] explode all trees

#87 ("amnesic syndrome*" or catatoni* or deliri* or "dissociative disorder*" or hallucinosis or korsakof* or (organic near/1 (mental or brain))):ti

#88 ("amnesic syndrome*" or catatoni* or deliri* or "dissociative disorder*" or hallucinosis or korsakof* or (organic near/1 (mental or brain))):ab

#89 (adhd or addh or ad hd or ((adult* or child*) near/2 add*) or (attenti* near/3 deficit*) or hyperactiv* or (hyper near/1 activ*) or hyperkin* or hyper kin* or hkd or minimal brain or

(brain dysfunction and (ritalin or methylphenidate)) or ((child* or adult*) near/3 (disrupt* or attention* or inattent* or impulsiv* or overactiv*)):ti

#90 (adhd or addh or ad hd or ((adult* or child*) near/2 add*) or (attenti* near/3 deficit*) or hyperactiv* or (hyper near/1 activ*) or hyperkin* or hyper kin* or hkd or minimal brain or (brain dysfunction and (ritalin or methylphenidate)) or ((child* or adult*) near/3 (disrupt* or attention* or inattent* or impulsiv* or overactiv*)):ab

#91 mesh descriptor: [conduct disorder] this term only

#92 (child* near/3 (behav* or conduct*)) or (conduct* near/2 (defian* or difficult* or disorder* or disturb* or problem*)) or (oppositional near/3 (defiant* or disorder*)):ti

#93 (child* near/3 (behav* or conduct*)) or (conduct* near/2 (defian* or difficult* or disorder* or disturb* or problem*)) or (oppositional near/3 (defiant* or disorder*)):ab

#94 (behav* near/2 (agnostic or challeng* or dangerous or destructive or difficult* or disorder* or disrupt* or disturb* or externali* or problem*) near/5 (adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or paediatric* or pediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* near/1 (people or person* or patient* or population*)) or youngster* or youth*)):ti

#95 (behav* near/2 (agnostic or challeng* or dangerous or destructive or difficult* or disorder* or disrupt* or disturb* or externali* or problem*) near/5 (adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or paediatric* or pediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* near/1 (people or person* or patient* or population*)) or youngster* or youth*)):ab

#96 mesh descriptor: [acting out] this term only

#97 mesh descriptor: [domestic violence] explode all trees

#98 mesh descriptor: [aggression] explode all trees

#99 mesh descriptor: [anger] explode all trees

#100 mesh descriptor: [dangerous behavior] explode all trees

#101 mesh descriptor: [hate] this term only

#102 mesh descriptor: [hostility] this term only

#103 mesh descriptor: [sexual harassment] this term only

#104 mesh descriptor: [torture] this term only

#105 mesh descriptor: [violence] this term only

#106 (aggress* or agitat* or agonistic or anger or angry or assault* or attack* or bizarre or "challenging behav*" or "combative or danger*" or disrupt* or disturb* or (explosive near/2 disorder) or harass* or hostil* or ("impulse control" near/1 disorder*) or intimidat* or rage* or threat* or untoward or "un toward" or violen*):ti (word variations have been searched)

#107 (aggress* or agitat* or agonistic or anger or angry or assault* or attack* or bizarre or "challenging behav*" or "combative or danger*" or disrupt* or disturb* or (explosive near/2 disorder) or harass* or hostil* or ("impulse control" near/1 disorder*) or intimidat* or rage* or threat* or untoward or "un toward" or violen*):ab (word variations have been searched)

#108 "dysexecutive syndrome":ti,ab,kw (word variations have been searched)

#109 (masturbat* or ((psychosexual or sexual) near/1 (abus* or behavior or harass* or offenc*)):kw (word variations have been searched)

#110 (fondling or genital* or masturbat* or nudity or (inappropriate near/2 (grab* or touch*)) or (sex* near/2 (abus* or act* or behav* or proposition* or disinhbit* or harass* or offenc* or touch* or view*)):ti (word variations have been searched)

#111 (fondling or genital* or masturbat* or nudity or (inappropriate near/2 (grab* or touch*)) or (sex* near/2 (abus* or act* or behav* or proposition* or disinhbit* or harass* or offenc* or touch* or view*)):ab (word variations have been searched)

#112 mesh descriptor: [self-injurious behavior] this term only

#113 mesh descriptor: [self mutilation] this term only

#114 mesh descriptor: [suicide] this term only

#115 mesh descriptor: [suicidal ideation] this term only

#116 (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 (word variations have been searched)

#117 (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 (word variations have been searched)

#118 mesh descriptor: [dementia] explode all trees

#119 (alzhem* or binswanger* or dement* or kluver or "lewy bod*" or "pick diseas*"):ti (word variations have been searched)

#120 (alzhem* or binswanger* or dement* or kluver or "lewy bod*" or "pick diseas*"):ab (word variations have been searched)

#122 #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

#123 #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 or #89 or #90 or #91 or #92 or #93 or #94 or #95 or #96 or #97 or #98 or #99 91972

#124 #100 or #101 or #102 or #103 or #104 or #105 or #106 or #107 or #107 or #108 or #109 or #110 or #111 or #112 or #113 or #114 or #115 or #116 or #117 or #118 or #119 or #120

#125 mesh descriptor: [child development disorders, pervasive] explode all trees

#126 mesh descriptor: [rett syndrome] this term only

#127 (asperger* or autis* or "cerebroatrophic hyperammonemia*" or (kanners near/1 (disorder* or syndrome*)) or (rett* near/1 (disorder* or syndrome*)) or (pervasive near/2 "developmental disorder*") or "pdd nos"):ti (word variations have been searched)

#128 (asperger* or autis* or "cerebroatrophic hyperammonemia*" or (kanners near/1 (disorder* or syndrome*)) or (rett* near/1 (disorder* or syndrome*)) or (pervasive near/2 "developmental disorder*") or "pdd nos"):ab (word variations have been searched)

#129 #125 or #126 or #127 or #128

#130 #23 and (#122 or #123 or #124 or #129)

#131 #129 and (#122 or #123 or #124)

#132 #130 or #131

#133 mesh descriptor: [child development disorders, pervasive] explode all trees

#134 #132 and #107

#135 mesh descriptor: [aggression] explode all trees

#136 mesh descriptor: [anger] explode all trees

#137 fraud or "firesetting behavior" or homicide or "juvenile delinquency" or rape or sex offences or "social behavior disorders" or theft or torture or violence:kw (word variations have been searched)

#138 ((adjust* near/2 (difficult* or problem*)) or aggressi* or angry or anger* or antisocial* or "anti social*" or asbo or asocial or bully* or bullie* or callous* or delinquen* or deviant* or hostile or hostility or maladjust* or maladjust* or psychopath* or shoplift* or "shop lift*" or steal* or temper* or theft* or "unemotional trait*" or vandali* or violen* or (cruel* near/2 animal*) or "sex* offen*" or ((social or unemotional) near/1 (difficult* or problem*)) or ((noncompliant* or "non complian*") near/3 (adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or paediatric or pediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* near/1 (people or person* or patient* or population*)) or youngster* or youth*)):ti (word variations have been searched)

#139 ((adjust* near/2 (difficult* or problem*)) or aggressi* or angry or anger* or antisocial* or "anti social*" or asbo or asocial or bully* or bullie* or callous* or delinquen* or deviant* or hostile or hostility or maladjust* or maladjust* or psychopath* or shoplift* or "shop lift*" or steal* or temper* or theft* or "unemotional trait*" or vandali* or violen* or (cruel* near/2 animal*) or "sex* offen*" or ((social or unemotional) near/1 (difficult* or problem*)) or ((noncomplian* or "non complian*") near/3 (adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or paediatric or pediatric* or postpubert* or postpubescen* or preadolescenc* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* near/1 (people or person* or patient* or population*))) or youngster* or youth*)):ab (word variations have been searched)

#140 #135 or #136 or #137 or #138 or #139

#141 #23 and #140

#142 #129 and #140

#143 #141 or #142

#144 mesh descriptor: [child abuse, sexual] this term only

#145 mesh descriptor: [incest] this term only

#146 mesh descriptor: [paraphilias] 1 tree(s) exploded

#147 mesh descriptor: [rape] this term only

#148 (apotemnophili* or bdsm or bestiality or bondag* or ((child* or infant) and pornography) or bugger* or coprophil* or "cross dress*" or crossdress* or "drag queen*" or exhibitionist* or exhibitionism* or feticide or fetish* or frotteur* or incest* or (indecent near/1 (behav* or exposure)) or ((intrafamil* or intra famil*) near/2 abus*) or klismaphil* or molest* or masochis* or necrophil* or paraphili* or pedophil* or paedophil* or pederast* or perversion or ((psychosex* or sex*) near/3 (aberration* or abnormal* or abus* or assault* or aversion* or crime* or devian* or delinquen* or deviat* or disorder* or fondl* or inappropriate* or murder* or perver* or offenc* or offend* or subaltern* or tortur*)) or partialism or perverse or pervert* or rape or rapist* or sadism or sadist* or sadomas* or sado mas* or scatolog* or (sex* near/3 (infant* or child* or minor* or pornograp*)) or sodom* or transsexual* or "trans sexual*" or transvestic* or transvest* or urophil* or voyeuris* or voyeur*):ti,ab,kw (word variations have been searched)

#149 #144 or #145 or #146 or #147 or #148

#150 #23 or #122 or #123 or #124 or #129 or #133 or #140 or #149

#151 #12 and #150

Organisation and provision of services

RQ 4.1: What are the most effective care plans and pathways, and organisation and structure of services, for the assessment, intervention and management of mental health problems in people in contact with the criminal justice system to promote...

Databases: Embase, Medline, PreMedline, PsycINFO - OVID

Dates searched: database inception to June 2016

1. court/ or crime/ or criminal behavior/ or criminal justice/ or criminal law/ or custody/ or detention/ or offender/ or prison/ or prisoner/ or probation/ or recidivism/
2. 1 use emez
3. crime/ or criminal law/ or criminology/ or prisoners/ or prisons/
4. 3 use mesz, prem
5. exp adjudication/ or exp correctional institutions/ or crime/ or exp criminal behavior/ or exp criminal justice/ or criminal law/ or criminal rehabilitation/ or criminology/ or incarceration/ or maximum security facilities/ or parole/ or penology/ or prisoners/ or probation/ or recidivism/
6. 5 use psyh

-
7. (adjudication or cjs or constabular* or convict* or court*1 or crime* or criminal* or detective* or (duty adj (psychologist* or solicitor*)) or felon* or gaol* or incarcerat* or inmate* or in*1 mate* or jail* or judicial or jurisdiction or justice or law enforcement or law officer* or lockdown or marshal* or offence* or offender* or parol*1 or penal or penitentiari* or penology or police* or prison* or probation* or prosecution* or punishable or reoffend* or re offend* or revocation or sentenced or sentencing or sheriff* or trigger offence).ti,ab.
 8. ((correction* adj2 (establishment* or facilit* or program* or setting* or unit*)) or supermax).ti,ab.
 9. (confinement or detention or (secure adj2 (establishment* or facilit* or program* or setting* or unit*)) or (arrest* not (cardiac* or cardio*)) or bail*1 or custody or custodial or recidivism or remand* or sentence).ti,ab.
 10. or/2,4,6-9
 11. exp developmental disorder/ or intellectual impairment/ or exp mental deficiency/ or exp learning disorder/
 12. 11 use emez
 13. developmental disabilities/ or exp intellectual disability/ or exp learning disorders/ or mentally disabled persons/
 14. 13 use mesz, prem
 15. exp developmental disabilities/ or exp intellectual development disorder/ or "intellectual development disorder (attitudes toward)"/ or exp learning disabilities/
 16. 15 use psych
 17. ((intellect* adj (deficien* or difficult* or disab* or disorder* or impair* or handicap* or incapacit* or handicap* or subnorm* or sub*1 average or sub*1 average or sub*1 norm*)) or (low*2 adj2 intellect*) or (learning adj (deficien* or difficult* or disab* or disorder* or handicap* or impair* or incapacit* or handicap* or subnorm* or sub*1 average or sub*1 average or sub*1 norm*)) or (mental* adj (deficien* or disab* or handicap* or impair* or handicap* or incapacit* or retard* or subnorm* or sub*1 average or sub*1 average or sub*1 norm*))).ti,ab.
 18. ((subaverage or sub*1 average or subnormal or sub*1 normal*) adj3 (child* or cognit* or intel*)).tw.
 19. ((development* or neurodevelopment*) adj disab*).tw.
 20. (education* adj5 subnorm*).tw.
 21. (cretin* or feeble-minded* or imbecil* or moron*).tw.
 22. (multipl* handicap* or sever* handicap* or handicap* child* or multiple disabilit* or developmental delay*).ti,ab.
 23. down syndrome/
 24. 23 use emez
 25. angelman syndrome/ or down syndrome/ or fragile x syndrome/
 26. 25 use mesz, prem
 27. down's syndrome/
 28. 27 use psych
 29. (((angelman or happy puppet) adj2 syndrom*) or (down*1 adj (disease or syndrome*)) or bell martin or fragile x or gillian turner or martin bell or turner gillian or x chromosome fragility or (escalante* adj (disease or syndrome*))).ti,ab.
 30. (special* adj2 (educat* or need*)).ti,ab,hw.
 31. or/12,14,16-22,24,26,28-30
 32. mental disease/
 33. 32 use emez
 34. mental disorders/
 35. 34 use mesz, prem
 36. mental disorders/
 37. 36 use psych
 38. ((mental* or psychologic*) adj2 (health or disorder* or disease* or deficien* or illness or problem*)).ti,ab,sh.
 39. or/33,35,37-38

40. (attention deficit disorder/ use emez or exp "attention deficit and disruptive behavior disorders"/ use mesz, prem or exp attention deficit disorder/ use psych or ((attenti* or disrupt* or impulsiv* or inattenti*).sh. or (((attenti* or disrupt*) adj3 (adolescenc* or adult* or behav* or child* or class or classes or classroom* or condition* or difficult* or disorder* or learn* or people or person* or poor or problem* or process* or youngster*)) or (attenti* adj3 deficit*) or (hyper adj1 activ*) or (hyper adj1 kin*) or (minimal adj1 brain) or (over adj1 activ*) or ad hd or addh or adhd or hkd or hyperactiv* or hyperkin* or impulsiv* or inattentiv* or overactiv*).ti,ab. or disruptive*.tw,it,tm.))) not overactive bladder*.ti.
41. exp mood disorder/ use emez or exp mood disorders/ use mesz, prem or exp affective disorders/ use psych or (affective psychosis or schizoaffective disorder).sh.
42. (((bipolar or bi?polar 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 rcdb).ti,ab.
43. (depres* or seasonal affective disorder* or dysthym* or melancholi*).ti,ab.
44. or/41-43
45. exp psychosis/ use emez or exp "schizophrenia and disorders with psychotic features"/ use mesz, prem or exp psychosis/ use psych or (borderline states or paranoid schizophrenia).sh.
46. (psychotic* or psychosis or psychoses or schizo*).ti,ab.
47. or/45-46
48. exp eating disorder/ use emez or exp eating disorders/ use mesz, prem,psych or binge eating.sh.
49. (anorexi* or bing* or bulimi* or (compulsive adj2 (eat* or vomit*)) or (eating adj2 disorder*) or overeat* or (restrict* adj2 eat*) or (self?induc* adj2 vomit*)).ti,ab.
50. or/48-49
51. exp anxiety disorder/ use emez or exp anxiety disorders/ use mesz, prem,psych or anxiety.sh. or (anxiat* or anxious* or ((chronic* or excessiv* or intens* or (long* adj2 last*) or neuros* or neurotic* or ongoing or persist* or serious* or sever* or uncontrol* or un control* or unrelent* or un relent*) adj2 worry)).ti,ab.
52. (body dysmorphic disorder or compulsions or compulsive behavior or obsessive behavior).sh. or (clean* response* or compulsional or compulsions or obsession or obsessional or obsessions or (obsessive compulsive adj (disorder* or neuros*)) or ocd or osteochondr* compulsion or (recurr* adj (obsession* or thought))).ti,ab. or (body dysmorphi* or dysmorphophobi* or imagine* ugl* or obsess* ruminat* or scrupulosity or ((symmetr* or count* or arrang* or order* or wash* or repeat* or hoard* or clean* or check*) adj compulsi*).mp.
53. panic.sh. or panic*.ti,ab.
54. (acrophob* or agoraphob* or claustrophob* or emetophob* or homophob* or kinesiphob* or lesbophob* or neophob* or neurophob* or phobi* or transphob* or trypanophob* or xenophob* or ((acute* or chronic* or extreme* or intense* or irrational* or persistent* or serious) adj2 fear*) or (fear* adj4 (air travel or animal* or blood* or buses or ((closed or public) adj2 space*) or crowd* or dark* or dental* or dentist* or dog*1 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 reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) or specific fear*).ti,ab.
55. (critical incident stress or emotional trauma or psychological stress or stress, psychological or traumatic neurosis).sh. or (acute stress or asd or combat neuros* or combat syndrome or concentration camp syndrome or desnos or extreme stress or flash back* or flashback* or hypervigilan* or hypervigilen* or post?traumatic* or post-traumatic* or psych* stress or psych* trauma* or psycho trauma* or psychotrauma* or ptsd or railway spine or (rape adj2 trauma*) or re experienc* or reexperienc* or stress disorder* or torture syndrome or traumatic neuros* or traumatic stress or (trauma* and (avoidance or death* or emotion* or grief or horror or nightmare* or night mare*))).ti,ab.
56. (blushing or hyperhidrosis or mutism or performance anxiety or shyness or social anxiety or sweating or timidity).sh. or (((anxiat* or anxious* or phobia* or phobic*) adj2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) adj3 (anxiat* or

anxious* or chronic* or excessiv* or fear* or severe)) or ((interpersonal or inter personal or social* or socio*) adj2 (aversion* or aversiv* or confiden* or difficult* or disorder* or distress* or fear*)) or hyperhydrosis or hyperperspirat* or (hyper adj (hydrosis or perspirat*)) or ((mute* or mutism) adj2 (elective* or selective*)) or ((negative evaluation or speak*) adj3 (anxiet* or anxious* or distress* or fear*)) or paruresis or (((personalit* or phobi* or social* or socio*) adj2 avoid*) or avoidant disorder) or (phobi* adj2 neuros*) or phobic disorder* or (school* adj2 (anxiet* or anxious* or phobi* or refuse or refusal)) or (shy or shyness) or specific phobia*).ti,ab.

57. or/51-56

58. exp personality disorder/ use emez or exp personality disorders/ use mesz, prem,psych

59. (borderline state or borderline person* or character disorder).sh. or ((borderline* adj3 (disorder* or person* or pd*1 or state*)) or (emotion* adj2 (instabil* or unstable) adj3 (character* or difficult* or disorder* or dysfunction* or pd or person*1 or personalit* or state*)) or (personalit* adj (disorder* or dysfunction*))).ti,ab. or (apd*1.tw. and (asocial* or anti social* or antisocial* or character* or dissocial* or dis social* or person*).mp.) or (aspd*1 or ((asocial* or antisocial* or anti social* or dissocial* or dis social*) adj3 (character* or difficult* or disorder* or dysfunction* or pd or person*)) or ((asocial* or antisocial* or anti social* or dissocial* or dis social*) and personalit*) or neuropsychopath* or psychopath*3 or psychopath*3 or sociopath* or socio path*).ti,ab. or ((borderline* and personalit*) or (borderline* and cluster b) or (dsm and (axis and ii))).mp.

60. or/58-59

61. automutilation/ or exp suicide behavior/

62. 61 use emez

63. self-injurious behavior/ or self mutilation/ or suicide/ or suicidal ideation/ or suicide, attempted/

64. 63 use mesz, prem

65. suicide/ or attempted suicide/ or exp self injurious behavior/ or suicidal ideation/ or suicide prevention/ or suicidology/

66. 65 use psych

67. (autoaggress* or auto aggress* or automutilat* or auto mutilat* or cutt* or overdose* or (self adj2 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,ab.

68. or/64,66-67

69. exp alcohol abuse/ or exp drug dependence/ or exp drug abuse/ or substance abuse/

70. 69 use emez

71. drug seeking behavior/ or exp substance-related disorders/

72. 71 use mesz, prem

73. addiction/ or exp drug abuse/ or drug overdoses/ or sobriety/

74. 73 use psych

75. (alcoholi* or (alcohol* and (abstinence or detoxification or intoxicat* or rehabilit* or withdraw*))).hw.

76. (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 disease* or disorder* or excessiv* or harm* or hazard* or heavy or high risk or intoxicat* or misus* or overdos* or (over adj dos*) or problem* or rehab* or reliance or reliant or relaps* or withdraw*)) or (control* adj2 drink*) or sobriet*).ti,ab.

77. (((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 hashish or heroin or marihuana or marijua* 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) 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 user*).ti,ab.

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78. or/70,72,74-77
79. exp dementia/ use emez,mesz,psych or (alzheimer's disease or creutzfeldt jakob syndrome or pick's disease).sh.
80. (alzheimer* or binswanger* or dement* or klaver or lewy bod* or pick diseas*).ti,ab,hw.
81. or/79-80
82. autism/ or childhood disintegrative disorder/ or infantile autism/ or rett syndrome/ or "pervasive developmental disorder not otherwise specified"/
83. 82 use emez
84. child development disorders, pervasive/ or autistic disorder/ or rett syndrome/
85. 84 use mesz, prem
86. autism/ or pervasive developmental disorders/ or autistic thinking/
87. 86 use psych
88. asperger*.sh. or (asperger* or autis* or cerebroatrophic hyperammonemia* or (kanners adj (disorder* or syndrome*)) or (rett* adj (disorder* or syndrome*)) or (pervasive adj2 developmental disorder*) or pdd nos).ti,ab.
89. or/83,85,87-88
90. child sexual abuse/ or exp paraphilic disorder/ or rape/ or sadism/ or exp sexual behavior/
91. 90 use emez
92. child abuse, sexual/ or incest/ or exp paraphilias/ or rape/ or sex offences/
93. 92 use mesz, prem
94. (child abuse and sexual abuse).sh. or masturbation/ or exp paraphilias/ or psychosexual behavior/ or rape/ or exp sadomasochism/ or sex offences/
95. 94 use psych
96. (apotemnophili* or bdsm or bestiality or bondag* or ((child* or infant) and pornography) or bugger* or coprophil* or cross dress* or crossdress* or drag queen* or exhibitionist* or exhibitionism* or feticide or fetish* or frotteur* or incest* or (indecent adj (behav* or exposure)) or ((intrafamil* or intra famil*) adj2 abus*) or klismaphil* or molest* or masochis* or necrophil* or paraphili* or pedophil* or paedophil* or pederast* or perversion or ((psychosex* or sex*) adj3 (aberration* or abnormal* or abus* or assault* or aversion* or crime* or devian* or delinquen* or deviat* or disorder* or fondl* or inappropriate* or murder* or pervert* or offenc* or offend* or subaltern* or tortur*)) or partialism or perverse or pervert* or rape or rapist* or sadism or sadist* or sadomas* or sado mas* or scatolog* or (sex* adj3 (infant* or child* or minor*1 or pornograp*)) or sodom* or transsexual* or trans sexual* or transvestic* or transvest* or urophil* or voyeuris* or voyeur*1).tw.
97. or/91,93,95-96
98. or/39-40,44,47,50,57,60,68,78,81,89,97
99. 10 and 98
100. united kingdom/ use emez or exp great britain/ use mesz, prem
101. (britain* or british or england or english or ireland or irish or scotland* or scottish or uk or united kingdom* or wales* or welsh).tw,in.
102. (alderney or channel isl* or guernsey or isle of man or isle of wight or jersey or scilly).tw,in.
103. (ashfield or bedford* or berkshire or birmingham or bradford or brecknock or bristol or brighton or bristol or buckingham* or cambridg* or cannoct or canterbury or carlisle or chelmsford or cheshire or chester or chichester or cornwall or coventry or cumbria or dartford or derby* or devon* or derby or dorset or dudley or durham or ely or essex or exeter or fenland or furness or gateshead or gloucester* or gravesham or hampshire or harlow or hartlepool or harwell or hereford* or hertford* or herts or hull or humber* or kent or knowsley or lancashire or lancaster or leicester* or leeds or lincoln* or lichfield or lincoln* or liverpool or london or luton or king* lynn or loughborough or manchester or merseyside or midlands or middlesbrough or newcastle or norfolk or northampton* or northants or northumberland or norwich or nottingham* or oxford* or oxon or pembroke or peterborough* or plymouth or portsmouth or preston or ripon or rushmoor or rutland or salford or salisbury or sandwell or scarborough or sheffield or shropshire or somerset or south holland or southampton or stafford* or st alban* or stockton or st alban* or st asaph* or st david* or st helen* or suffolk or surrey or (tyne adj2 wear) or tyneside or warwick* or midlands or somerset or suffolk or

sunderland or surrey or sussex or stoke or thurrock or truro or walsall or wakefield or wiltshire or winchester or wirral or wolverhampton or worcester* or york or yorkshire).tw,in.

104. (barking or barnet or bexley or brent or bromley or camden or camden or chelsea or chelsea or croydon or dagenham or ealing or enfield or fulham or greenwich or hackney or halton or hamlets or hammersmith or haringey or haringey or harrow or havering or hillington or hounslow or islington or kensington or kingston upon thames or lambeth or lewisham or merton or newham or redbridge or richmond upon thames or southwark or sutton or tower hamlets or waltham or wandsworth or westminster).tw,in.

105. (aberdeen* or angus or argyll or arran or ayr or ayrshire or banff* or bath or berwick* or borders or bute or caithness or clackmannan* or dumfries* or dunbarton* or dundee or east lothian or edinburgh or elgin or falkirk or fife or forfar* or fort william or forth or galloway or glasgow or grampian or haddington or highland or inverclyde or inverness* or kincardin* or kinross* or kirkcudbright or lanark* or linlithgow or lothian or midlothian or moray or nain or orkney or peebles* or perth* or renfrew* or (ross adj2 cromarty) or roxburgh* or selkirk* or stirling* or sutherland or tayside or west lothian or wigtown or zetland).tw,in.

106. (isle of anglesey or isle of lewis or isle of skye or orkney or shetland or western isles).tw,in.

107. (aneurin bevan or anglesey or abertawe bro morgannwg or bangor or betsi cadwaladr or blaenau gwent or bridgend or caerphilly* or cardiff or carmarthen* or ceredigion or clwyd or conwy or cynon or cwm taf or denbigh* or flint or flintshire or glamorgan or gwent or gwynedd or merthyr or monmouth* or meirionnydd or montgomery or neath or newport or pembroke* or pontypridd or port talbot or powys or radnor* or rhondda or swansea or torfaen or wrexham or ynys mon).tw,in.

108. anglesey.tw,in.

109. (antrim or armagh or belfast or carlow or cavan or county clare or cork or county mayor donegal or county down or derry or dublin or dun laoghaire rathdown or fermanagh or fingal or galway or kerry or kildare or kilkenny or laois or leitrim or limerick or lisburn or londonderry or longford or louth or meath or monaghan or newry or offaly or roscommon or sligo or tipperary or tyrone or waterford or westmeath or wexford or wicklow).tw,in.

110. (nhs or national health service).tw,in.

111. (((borough or county or district or local) adj council*) or ((health or local) adj authorit*) or local area team* or ((primary or social) adj care trust)).tw,in.

112. or/100-111

113. (arrest* refer* or (communit* adj2 order*) or communit* correction* or communit* rehab* company* or (court* adj2 (divert* or diversion*)) or (court* adj2 liais*) or crc or (criminal justice adj2 (divert* or diversion* or liais*)) or criminal justice mental health team* or (custody adj2 (divert* or diversion* or liais*)) or drug court* or (diversion adj (program* or scheme*)) or dtto*1 or drug abuse resistance education or (fitness adj2 (plead* or stand trial*)) or (forensic* adj2 physician*) or (lias* adj2 (divert* or diversion* or service*)) or licence* or (licenc* adj2 condition*) or magistrates early referral into treatment or (mental health adj2 (court* or order*)) or (mental health adj2 (treatment requirement* or requirement probat*)) or (not*1 guilty adj2 (reason insan* or treatment requirement*)) or offender mental health service* or (police adj2 (custod* or liais*)) or (probat* adj2 service*) or street triage* or suspended service supervision order*).ti,ab.

114. ((interven* and drug* and (offend* or delinquen* or parole* or jail* or prison* or crim* or custod* or coerc*)) or (interven* and offend* and (cocaine* or substance* or narcotic*)) or (control* and drug* and (offend* or parole* or jail* or penitencia* or prison* or probation* or remand* or detain* or custod* or coerc* or crim* or recidiv*)) or (reduc* and drug* and (offend* or convict* or parole* or jail* or prison* or incarcerat* or recidiv*)) or (reduc* and offend* and substance*) or (program* and (drug* or substance*) and (offend* or probation* or coerc* or recidiv* or crim* or inmate* or prison* or correction*)) or (program* and offend* and (substance* or addict*)) or (mental* and drug* and (offend* or delinquen* or parole* or jail* or prison* or probation* or custod* or coerc*)) or (mental* and offend* and substance*) or (reduc* and offend* and mental* ill*) or (control* and offend* and mental* ill*) or (program* and offend* and mental health*) or ((drug* or substance*) and treat* and (court* or offend* or crim* or parole* or jail* or prison*)) or (therapeut* and communit* and (drug* or substance* or

treat*)) or (criminal justice and (drug* or substance* or treat*)) or (case manag* and (drug* or substance*)) or (aftercare and (drug* or substance*)) or (juvenile justice and (drug* or substance* or treat*)) or (drug* and diver* and court*) or (treat* and (addict* or coerc*) and (offend* or detain*))).ti,ab,hw.

115. (((access* or discharg* or manag* or organisation* or transition*) adj2 service*) or care plan*).ti,ab.

116. (or/113,115) and 112

117. (or/113,115) and 99

118. 117

119. limit 118 to english language

120. 119 and 112

121. 119 not 120

Databases: CDSR, DARE, CENTRAL, HTA – Wiley

Dates searched: database inception to June 2016

ID	SearchHits
#1	mesh descriptor: [crime] this term only
#2	mesh descriptor: [criminal law] this term only
#3	mesh descriptor: [criminology] this term only
#4	mesh descriptor: [prisoners] this term only
#5	mesh descriptor: [prisons] this term only
#6	mesh descriptor: [police] this term only
#7	mesh descriptor: [jurisprudence] this term only
#8	mesh descriptor: [forensic sciences] this term only
#9	(adjudication or cjs or constabular* or convict* or court* or crime* or criminal* or detective* or (duty near/1 (psychologist* or solicitor*)) or felon* or gaol* or incarcerat* or inmate* or "in* mate*" or jail* or judicial or jurisdiction or justice or "law enforcement" or "law officer*" or lockdown or marshal* or offence* or offender* or parol* or penal or penitentiari* or penology or police* or prison* or probation* or prosecution* or punishable or reoffend* or "re offend*" or revocation or sentenced or sentencing or sheriff* or "trigger offence"):ti,ab,kw (word variations have been searched)
#10	((correction* near/2 (establishment* or facilit* or program* or setting* or unit*)) or supermax):ti,ab,kw (word variations have been searched)
#11	(confinement or detention or (secure near/2 (establishment* or facilit* or program* or setting* or unit*)) or (arrest* not (cardiac* or cardio*)) or bail* or custody or custodial or recidivism or remand* or sentence):ti,ab,kw (word variations have been searched)
#12	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11
#13	mesh descriptor: [developmental disabilities] this term only
#14	mesh descriptor: [intellectual disability] explode all trees
#15	mesh descriptor: [learning disorders] explode all trees
#16	mesh descriptor: [mentally disabled persons] this term only
#17	mesh descriptor: [angelman syndrome] this term only
#18	mesh descriptor: [down syndrome] this term only
#19	mesh descriptor: [fragile x syndrome] this term only
#20	((intellect* near/1 (deficien* or difficult* or disab* or disorder* or impair* or handicap* or incapacit* or handicap* or subnorm* or "sub* average" or "sub* average" or "sub* norm*")) or (low* near/2 intellect*) or (learning near/1 (deficien* or difficult* or disab* or disorder* or handicap* or impair* or incapacit* or handicap* or subnorm* or "sub* average" or "sub* average" or "sub* norm*")) or (mental* near/1 (deficien* or disab* or impair* or handicap* or incapacit* or retard* or subnorm* or "sub* average" or "sub* average" or "sub* norm*")) or ((subaverage or "sub* average" or subnormal or "sub* normal*") near/3 (child* or cognit* or intel*)) or ((development* or neurodevelopment*) near/1 disab*) or (education* near/5 subnorm*) or cretin* or "feeble-minded*" or imbecil* or moron* or handicap* or "multiple disabilit*" or "developmental delay*" or ((angelman or "happy puppet") near/2 syndrom*) or

(down* near/1 (disease or syndrome*)) or "bell martin" or "fragile x" or "gillian turner" or "martin bell" or "turner gillian" or "x chromosome fragility" or (escalante* near/1 (disease or syndrome*)) or "cerebroatrophic hyperammonemia*" or (kanners near/1 (disorder* or syndrome*)) or handicap*):ab

#21 ((intellect* near/1 (deficien* or difficult* or disab* or disorder* or impair* or handicap* or incapacit* or handicap* or subnorm* or "sub* average" or "sub* average" or "sub* norm*")) or (low* near/2 intellect*) or (learning near/1 (deficien* or difficult* or disab* or disorder* or handicap* or impair* or incapacit* or handicap* or subnorm* or "sub* average" or "sub* average" or "sub* norm*")) or (mental* near/1 (deficien* or disab* or impair* or handicap* or incapacit* or retard* or subnorm* or "sub* average" or "sub* average" or "sub* norm*")) or ((subaverage or "sub* average" or subnormal or "sub* normal*") near/3 (child* or cognit* or intel*)) or ((development* or neurodevelopment*) near/1 disab*) or (education* near/5 subnorm*) or cretin* or "feeble-minded*" or imbecil* or moron* or handicap* or "multiple disabilit*" or "developmental delay*" or ((angelman or "happy puppet") near/2 syndrom*) or (down* near/1 (disease or syndrome*)) or "bell martin" or "fragile x" or "gillian turner" or "martin bell" or "turner gillian" or "x chromosome fragility" or (escalante* near/1 (disease or syndrome*)) or "cerebroatrophic hyperammonemia*" or (kanners near/1 (disorder* or syndrome*)) or handicap*):ti

#22 (special* near/2 (educat* or need*)):ti,ab,kw

#23 #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22

#24 mesh descriptor: [mental disorders] this term only

#25 mesh descriptor: [mentally ill persons] explode all trees

#26 ((mental* or psychologic*) near/2 (deficien* or disease* or disorder* or disturbance* or dysfunction* or health or illness* or problem*)):ti

#27 ((mental* or psychologic*) near/2 (deficien* or disease* or disorder* or disturbance* or dysfunction* or health or illness* or problem*)):ab

#28 mesh descriptor: [anxiety] explode all trees

#29 mesh descriptor: [dental anxiety] explode all trees

#30 mesh descriptor: [performance anxiety] explode all trees

#31 mesh descriptor: [anxiety disorders] explode all trees

#32 mesh descriptor: [blushing] explode all trees

#33 mesh descriptor: [hyperhidrosis] explode all trees

#34 mesh descriptor: [mutism] explode all trees

#35 mesh descriptor: [shyness] explode all trees

#36 (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

#37 (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

#38 mesh descriptor: [body dysmorphic disorders] explode all trees

#39 mesh descriptor: [compulsive behavior] explode all trees

#40 mesh descriptor: [obsessive behavior] explode all trees

#41 ("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

#42 ("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

#43 mesh descriptor: [panic] explode all trees

#44 panic*:ti

#45 panic*:ab

#46 (acrophob* or agoraphob* or claustrophob* or emetophob* or enfantaphob* or homophob* or infantaphob* or kinesiophob* 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

#47 (acrophob* or agoraphob* or claustrophob* or emetophob* or enfantaphob* or homophob* or infantaphob* or kinesiophob* 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

#48 (((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

#49 (((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

#50 mesh descriptor: [stress, psychological] explode all trees

#51 ("acute stress" or asd or "combat neuros*" or "combat syndrome" or "concentration camp 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

#52 ("acute stress" or asd or "combat neuros*" or "combat syndrome" or "concentration camp 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

#53 mesh descriptor: [eating disorders] explode all trees

#54 (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*)):ti

#55 (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

#56 mesh descriptor: [depression] explode all trees

#57 mesh descriptor: [mood disorders] explode all trees

#58 ((affective or mood) near/1 (disorder* or disturbance* or dysfunction*)):ti

#59 ((affective or mood) near/1 (disorder* or disturbance* or dysfunction*)):ab

#60 (cyclothym* or depres* or dysthym* or (low near/2 mood) or melanchol* or "seasonal affective disorder*"):ti

#61 (cyclothym* or depres* or dysthym* or (low near/2 mood) or melanchol* or "seasonal affective disorder*"):ab

#62 (((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

#63 (((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

#64 mesh descriptor: [schizophrenia and disorders with psychotic features] explode all trees

#65 (akathisi* or hebephreni* or oligophreni* or psychotic* or psychos* or schizo*):ti

#66 (akathisi* or hebephreni* or oligophreni* or psychotic* or psychos* or schizo*):ab

#67 parkinsoni* or "neuroleptic induc*" or psychiatric*:ti

#68 parkinsoni* or "neuroleptic induc*" or psychiatric*:ab

#69 mesh descriptor: [personality disorders] explode all trees

#70 (((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

#71 (((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

#72 (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

#73 (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

#74 ("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

#75 ("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

#76 mesh descriptor: [drug-seeking behavior] explode all trees

#77 mesh descriptor: [substance-related disorders] explode all trees

#78 alcohol* and (abstinence or detoxification or intoxicat* or rehabilit* or withdraw*):kw
(word variations have been searched)

#79 alcoholi*:kw

#80 (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

#81 (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
 #82 cannabis or cocaine or hashish or heroin or marihuana or marijuana*:kw
 #83 ((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
 #84 ((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
 #85 mesh descriptor: [delirium] explode all trees
 #86 mesh descriptor: [korsakoff syndrome] explode all trees
 #87 ("amnesic syndrome*" or catatoni* or deliri* or "dissociative disorder*" or hallucinosis or korsakof* or (organic near/1 (mental or brain))):ti
 #88 ("amnesic syndrome*" or catatoni* or deliri* or "dissociative disorder*" or hallucinosis or korsakof* or (organic near/1 (mental or brain))):ab
 #89 (adhd or addh or ad hd or ((adult* or child*) near/2 add*) or (attenti* near/3 deficit*) or hyperactiv* or (hyper near/1 activ*) or hyperkin* or hyper kin* or hkd or minimal brain or (brain dysfunction and (ritalin or methylphenidate)) or ((child* or adult*) near/3 (disrupt* or attention* or inattent* or impulsiv* or overactiv*)):ti
 #90 (adhd or addh or ad hd or ((adult* or child*) near/2 add*) or (attenti* near/3 deficit*) or hyperactiv* or (hyper near/1 activ*) or hyperkin* or hyper kin* or hkd or minimal brain or (brain dysfunction and (ritalin or methylphenidate)) or ((child* or adult*) near/3 (disrupt* or attention* or inattent* or impulsiv* or overactiv*)):ab
 #91 mesh descriptor: [conduct disorder] this term only
 #92 (child* near/3 (behav* or conduct*)) or (conduct* near/2 (defian* or difficult* or disorder* or disturb* or problem*)) or (oppositional near/3 (defiant* or disorder*)):ti
 #93 (child* near/3 (behav* or conduct*)) or (conduct* near/2 (defian* or difficult* or disorder* or disturb* or problem*)) or (oppositional near/3 (defiant* or disorder*)):ab
 #94 (behav* near/2 (agnostic or challeng* or dangerous or destructive or difficult* or disorder* or disrupt* or disturb* or externali* or problem*) near/5 (adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or paediatric* or pediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* near/1 (people or person* or patient* or population*)) or youngster* or youth*)):ti
 #95 (behav* near/2 (agnostic or challeng* or dangerous or destructive or difficult* or disorder* or disrupt* or disturb* or externali* or problem*) near/5 (adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or paediatric* or pediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* near/1 (people or person* or patient* or population*)) or youngster* or youth*)):ab
 #96 mesh descriptor: [acting out] this term only
 #97 mesh descriptor: [domestic violence] explode all trees
 #98 mesh descriptor: [aggression] explode all trees
 #99 mesh descriptor: [anger] explode all trees

#100 mesh descriptor: [dangerous behavior] explode all trees

#101 mesh descriptor: [hate] this term only

#102 mesh descriptor: [hostility] this term only

#103 mesh descriptor: [sexual harassment] this term only

#104 mesh descriptor: [torture] this term only

#105 mesh descriptor: [violence] this term only

#106 (aggress* or agitat* or agonistic or anger or angry or assault* or attack* or bizarre or "challenging behav*" or "combative or danger*" or disrupt* or disturb* or (explosive near/2 disorder) or harass* or hostil* or ("impulse control" near/1 disorder*) or intimidat* or rage* or threat* or untoward or "un toward" or violen*):ti (word variations have been searched)

#107 (aggress* or agitat* or agonistic or anger or angry or assault* or attack* or bizarre or "challenging behav*" or "combative or danger*" or disrupt* or disturb* or (explosive near/2 disorder) or harass* or hostil* or ("impulse control" near/1 disorder*) or intimidat* or rage* or threat* or untoward or "un toward" or violen*):ab (word variations have been searched)

#108 "dysexecutive syndrome":ti,ab,kw (word variations have been searched)

#109 (masturbat* or ((psychosexual or sexual) near/1 (abus* or behavior or harass* or offenc*)):kw (word variations have been searched)

#110 (fondling or genital* or masturbat* or nudity or (inappropriate near/2 (grab* or touch*)) or (sex* near/2 (abus* or act* or behav* or proposition* or disinhibit* or harass* or offenc* or touch* or view*)):ti (word variations have been searched)

#111 (fondling or genital* or masturbat* or nudity or (inappropriate near/2 (grab* or touch*)) or (sex* near/2 (abus* or act* or behav* or proposition* or disinhibit* or harass* or offenc* or touch* or view*)):ab (word variations have been searched)

#112 mesh descriptor: [self-injurious behavior] this term only

#113 mesh descriptor: [self mutilation] this term only

#114 mesh descriptor: [suicide] this term only

#115 mesh descriptor: [suicidal ideation] this term only

#116 (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 (word variations have been searched)

#117 (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 (word variations have been searched)

#118 mesh descriptor: [dementia] explode all trees

#119 (alzhem* or binswanger* or dement* or kluver or "lewy bod*" or "pick diseas*"):ti (word variations have been searched)

#120 (alzhem* or binswanger* or dement* or kluver or "lewy bod*" or "pick diseas*"):ab (word variations have been searched)

#122 #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

#123 #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 or #89 or #90 or #91 or #92 or #93 or #94 or #95 or #96 or #97 or #98 or #99 91972

#124 #100 or #101 or #102 or #103 or #104 or #105 or #106 or #107 or #107 or #108 or #109 or #110 or #111 or #112 or #113 or #114 or #115 or #116 or #117 or #118 or #119 or #120

#125 mesh descriptor: [child development disorders, pervasive] explode all trees

#126 mesh descriptor: [rett syndrome] this term only

#127 (asperger* or autis* or "cerebroatrophic hyperammonemia*" or (kanners near/1 (disorder* or syndrome*)) or (rett* near/1 (disorder* or syndrome*)) or (pervasive near/2 "developmental disorder*") or "pdd nos"):ti (word variations have been searched)

#128 (asperger* or autis* or "cerebroatrophic hyperammonemia*" or (kanners near/1 (disorder* or syndrome*)) or (rett* near/1 (disorder* or syndrome*)) or (pervasive near/2 "developmental disorder*") or "pdd nos"):ab (word variations have been searched)

#129 #125 or #126 or #127 or #128

#130 #23 and (#122 or #123 or #124 or #129)

#131 #129 and (#122 or #123 or #124)

#132 #130 or #131

#133 mesh descriptor: [child development disorders, pervasive] explode all trees

#134 #132 and #107

#135 mesh descriptor: [aggression] explode all trees

#136 mesh descriptor: [anger] explode all trees

#137 fraud or "firesetting behavior" or homicide or "juvenile delinquency" or rape or sex offences or "social behavior disorders" or theft or torture or violence:kw (word variations have been searched)

#138 ((adjust* near/2 (difficult* or problem*)) or aggressi* or angry or anger* or antisocial* or "anti social*" or asbo or asocial or bully* or bullie* or callous* or delinquen* or deviant* or hostile or hostility or maladjust* or maladjust* or psychopath* or shoplift* or "shop lift*" or steal* or temper* or theft* or "unemotional trait*" or vandali* or violen* or (cruel* near/2 animal*) or "sex* offen*" or ((social or unemotional) near/1 (difficult* or problem*)) or ((noncompliant* or "non complian*") near/3 (adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or paediatric or pediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* near/1 (people or person* or patient* or population*)) or youngster* or youth*)):ti (word variations have been searched)

#139 ((adjust* near/2 (difficult* or problem*)) or aggressi* or angry or anger* or antisocial* or "anti social*" or asbo or asocial or bully* or bullie* or callous* or delinquen* or deviant* or hostile or hostility or maladjust* or maladjust* or psychopath* or shoplift* or "shop lift*" or steal* or temper* or theft* or "unemotional trait*" or vandali* or violen* or (cruel* near/2 animal*) or "sex* offen*" or ((social or unemotional) near/1 (difficult* or problem*)) or ((noncompliant* or "non complian*") near/3 (adolescen* or boy* or child* or delinquen* or girl* or graders or infant* or junior* or juvenile* or kindergarten or minors or paediatric or pediatric* or postpubert* or postpubescen* or preadolescen* or prepubert* or prepubescen* or preschool* or preteen* or pubert* or pubescen* or school* or teen* or toddler* or (young* near/1 (people or person* or patient* or population*)) or youngster* or youth*)):ab (word variations have been searched)

#140 #135 or #136 or #137 or #138 or #139

#141 #23 and #140

#142 #129 and #140

#143 #141 or #142

#144 mesh descriptor: [child abuse, sexual] this term only

#145 mesh descriptor: [incest] this term only

#146 mesh descriptor: [paraphilias] 1 tree(s) exploded

#147 mesh descriptor: [rape] this term only

#148 (apotemnophili* or bdsm or bestiality or bondag* or ((child* or infant) and pornography) or buggen* or coprophil* or "cross dress*" or crossdress* or "drag queen*" or exhibitionist* or exhibitionism* or feticide or fetish* or frotteur* or incest* or (indecent near/1 (behav* or exposure)) or ((intrafamil* or intra famil*) near/2 abus*) or klismaphil* or molest* or masochis* or necrophil* or paraphili* or pedophil* or paedophil* or pederast* or perversion or ((psychosex* or sex*) near/3 (aberration* or abnormal* or abus* or assault* or aversion* or crime* or devian* or delinquen* or deviat* or disorder* or fondl* or inappropriate* or murder* or perver* or offenc* or offend* or subaltern* or tortur*)) or partialism or perverse or pervert* or rape or rapist* or sadism or sadist* or sadomas* or sado mas* or scatolog* or (sex* near/3

(infant* or child* or minor* or pornograp*) or sodom* or transsexual* or "trans sexual*" or transvestic* or transvest* or urophil* or voyeuris* or voyeur*):ti,ab,kw (word variations have been searched)

#149 #144 or #145 or #146 or #147 or #148

#150 #23 or #122 or #123 or #124 or #129 or #133 or #140 or #149

#151 #12 and #150