

APPENDIX 9: SEARCH STRATEGIES FOR THE IDENTIFICATION OF HEALTH ECONOMIC EVIDENCE

The search strategies should be referred to in conjunction with information set out in Chapter 3 (Section 3.6.1).

For standard mainstream bibliographic databases (CINAHL, EMBASE, MEDLINE and PsycINFO) search terms for psychosis with substance misuse were combined with a search filter for health economic studies. For searches generated in topic-specific databases (HTA, NHS EED) search terms on psychosis with substance misuse were used without a filter. The search strategies were initially developed for MEDLINE before being translated for use in other databases/interfaces.

Population search terms

MEDLINE - Ovid SP interface

** Search terms for substance misuse were limited to the main drugs associated with the term following the advice of the GDG.*

1. exp psychotic disorders/ or exp affective disorders, psychotic/
2. exp schizophrenia/ or "schizophrenia and disorders with psychotic features"/ or schizophrenic psychology/
3. ((mental disorders or mentally ill persons) and chronic disease).sh.
4. exp movement disorders/ or (dyskinesias or psychomotor agitation or neuroleptic malignant syndrome).sh.
5. (((acute or chronic\$ or serious\$ or sever\$) adj3 (mental\$ or psych\$) adj3 (disease\$ or disorder\$ or disturbanc\$ or ill\$)) or smi\$1).ti,ab.
6. (bipolar\$ or ((cyclothymi\$ or rapid or ultradian) adj5 cycl\$) or rcbd or hebephreni\$ or mania\$ or manic\$ or oligophreni\$ or psychose\$ or psychosi\$ or psychotic\$ or schizo\$).ti,ab.
7. (((tardiv\$ and dyskine\$) or akathisi\$ or acathisi\$ or (neuroleptic\$ and malignant and syndrome) or (neuroleptic and movement and disorder) or parkinsoni\$ or neuroleptic-induc\$) not (parkinson\$ and disease)).ti,ab.
8. (emergency services, psychiatric or hospitals, psychiatric or psychiatric department, hospital or (mentally ill persons and (inpatients or hospitalization))).sh. or (psychiatric adj2 (admission\$ or admitted or emerg\$ or hospitali\$ or inpatient\$ or in patient\$)).ti,ab.
9. or/1-8
10. comorbidity/ or "diagnosis, dual (psychiatry)"/
11. (comorbid\$ or co morbid\$ or ((dual\$ or tripl\$) adj2 (diagnos\$ or disease\$ or disorder\$ or illness\$ or mental or problem\$ or psych\$ or syndrome\$)) or coexist\$ or co exist\$ or concur\$ or con cur\$ or cooccur\$ or co occur\$).ti,ab.
12. or/10-11

13. (designer drugs or needle exchange programs or needle sharing or overdose or street drugs or substance abuse detection or substance abuse, intravenous or substance abuse treatment centers or substance-related disorders or substance withdrawal syndrome).sh.
14. (((drug\$1 or polydrug\$ or psychotropic\$ or substance\$) adj3 (abstain\$ or abstinens\$ or abus\$ or addict\$ or excessive use\$ or criminal or depend\$ or habit\$ or illegal\$ or illicit\$ or intoxicat\$ or misus\$ or nonprescri\$ or non prescri\$ or over dos\$ or overdos\$ or recreation\$ or unlawful\$ or withdraw\$)) or ((drug\$1 or polydrug\$ or recreation\$ or substance\$) adj use\$1) or ((drug\$1 or polydrug\$ or substance\$) adj rehab\$) or abusable product\$ or (crave\$ adj2 inject\$) or hard drug\$ or needle fixation or soft drug\$ or vsa\$1).ti,ab.
15. ((club or designer or street) adj2 (drug\$ or substance\$)).ti,ab.
16. or/13-15
17. (amphetamine or amphetamine-related disorders).sh.
18. (dextroamphetamine or methamphetamine).sh.
19. (((amphetamin\$ or crystal meth\$ or desoxyn or dexamfetamin\$ or dexedrine or dextroamphetamin\$ or methamphetamin\$ or psychostimulant\$ or stimulant\$ or uppers) adj5 (abstain\$ or abstinens\$ or abus\$ or addict\$ or banned or excessive use\$ or criminal or depend\$ or habit\$ or illegal\$ or illicit\$ or intoxica\$ or misus\$ or nonprescri\$ or non prescri\$ or over dos\$ or overdos\$ or recreation\$ or rehab\$ or unlawful\$ or using or utilis\$ or utiliz\$ or withdraw\$)) or ((amphetamin\$ or crystal meth\$ or desoxyn or dexamfetamin\$ or dexedrine or dextroamphetamin\$ or methamphetamin\$ or psychostimulant\$ or stimulant\$ or uppers) adj2 use\$1)).ti,ab.
20. (amphetamin\$ or crystal meth\$ or desoxyn or dexamfetamin\$ or dexedrine or dextroamphetamin\$ or methamphetamin\$ or psychostimulant\$ or stimulant\$ or uppers).ti,ab.
21. or/17-19
22. 20
23. exp cocaine/ or cocaine-related disorders.sh.
24. (((benzoylmethyl ecgonine or cocain\$ or crack\$1 or codrenine or ecgonine methyl ester benzoate or erythroxylin or locosthetic or neurocaine or sterilocaine) adj5 (abstain\$ or abstinens\$ or abus\$ or addict\$ or banned or excessive use\$ or criminal or depend\$ or habit\$ or illegal\$ or illicit\$ or intoxica\$ or misus\$ or nonprescri\$ or non prescri\$ or over dos\$ or overdos\$ or recreation\$ or rehab\$ or unlawful\$ or using or utilis\$ or utiliz\$ or withdraw\$)) or ((benzoylmethyl ecgonine or cocain\$ or crack\$1 or codrenine or ecgonine methyl ester benzoate or erythroxylin or locosthetic or neurocaine or sterilocaine) adj2 use\$1)).ti,ab.
25. (benzoylmethyl ecgonine or cocain\$ or crack\$1 or codrenine or ecgonine methyl ester benzoate or erythroxylin or locosthetic or neurocaine or sterilocaine).ti,ab.
26. or/23-24
27. 25
28. (heroin or heroin dependence or opioid-related disorders).sh.

29. (((heroin or diacetylmorphin\$ or diagesil or diamorf or diamorphin\$) adj5 (abstain\$ or abstinen\$ or abus\$ or addict\$ or banned or excessive use\$ or criminal or depend\$ or habit\$ or illegal\$ or illicit\$ or intoxica\$ or misus\$ or nonprescri\$ or non prescri\$ or over dos\$ or overdos\$ or recreation\$ or rehab\$ or unlawful\$ or using or utilis\$ or utiliz\$ or withdraw\$)) or ((diamorphin\$ or acetomorphine or anpec or diacephine or diacetylmorphine\$ or diagesil or diamorf or diaphorin or duromorph or epimorph or heroin or morfin\$ or morphacetin or morphia or morphian\$ or morphin\$ or morphium or opso\$1 or skenan) adj2 use\$1)).ti,ab.
30. (heroin or diacetylmorphin\$ or diagesil or diamorf or diamorphin\$).ti,ab.
31. or/28-29
32. 30
33. (cannabis or marijuana abuse or marijuana smoking).sh.
34. (((bhang or cannador or cannabis or ganja or ganjah or hashish or hemp or marihuana or marijuana or sativex or skunk) adj5 (abstain\$ or abstinen\$ or abus\$ or addict\$ or banned or excessive use\$ or criminal or depend\$ or habit\$ or illegal\$ or illicit\$ or intoxica\$ or misus\$ or nonprescri\$ or non prescri\$ or over dos\$ or overdos\$ or recreation\$ or rehab\$ or unlawful\$ or using or utilis\$ or utiliz\$ or withdraw\$)) or ((bhang or cannador or cannabis or ganja or ganjah or hashish or hemp or marihuana or marijuana or sativex or skunk) adj2 use\$1)).ti,ab.
35. (bhang or cannador or cannabis or ganja or ganjah or hashish or hemp or marihuana or marijuana or sativex or skunk).ti,ab.
36. or/33-34
37. 35
38. 9 and 12 and (or/22,27,32,37)
39. 9 and (or/16,21,26,31,36)
40. or/38-39

Search filters

Health economics and quality of life search filter – this is an adaptation of a filter designed by the NHS Centre for Reviews and Dissemination at the University of York.

MEDLINE - Ovid SP interface

1. exp “costs and cost analysis” / or health priorities/ or health resources/ or exp resource allocation/
2. budgets/ or socioeconomic factors/ or (economi\$ or fee or fees or financ\$).hw.
3. quality adjusted life years/ or "quality of life"/ or "value of life"/
4. exp models, economic/ or models, statistical/ or monte carlo method/
5. health status indicators/
6. decision trees/
7. (budget\$ or cost\$ or econom\$ or expenditure\$ or financ\$ or fiscal or funding or pharmaco-economic\$ or socioeconomic\$ or price or prices or pricing or (value adj3 money) or (burden adj3 (disease\$ or illness\$))).ti,ab.

8. (daly or qol or hql or hqol or hrqol or hr ql or hrql or (quality adj2 life) or (adjusted adj2 life) or qaly\$ or (health adj2 stat\$) or well being or wellbeing or qald\$ or qale\$ or qtime\$ or eq5d or eq 5d or qwb or ((quality or value\$) adj3 (life or survival or well\$)) or hui\$1 or (utilit\$ adj1 (health or score\$ or weigh\$)) or (life adj2 year\$) or health year equivalent\$ or ((disability or quality) adj adjusted) or utility value\$ or (weight\$ adj3 preference\$) or euroqol or euro qol or visual analog\$ or standard gamble or time trade or qtwist or q twist or (valu\$ adj2 quality)).ti,ab.
- 9 decision tree/ or decision trees/
- 10 (decision analy\$ or monte carlo or markov or simulation model\$ or rosser or disutili\$ or willingness to pay or tto or hye or hyes or (resource adj (allocat\$ or use\$ or utilit\$))).ti,ab.
- 11 (sf36 or sf 36 or short form 36 or shortform 36 or sf thirtysix or sf thirty six or shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six).ti,ab.
- 12 (sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six).ti,ab.
- 13 (sf12 or sf 12 or short form 12 or shortform 12 or sf twelve or sftwelve or shortform twelve or short form twelve).ti,ab.
- 14 (sf16 or sf 16 or short form 16 or shortform 16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).ti,ab.
- 15 (sf20 or sf 20 or short form 20 or shortform 20 or sf twenty or sftwenty or shortform twenty or short form twenty).ti,ab.
- 16 ec.fs. *[ANDed with subject heading searches for the main population/topic]*
- 17 or/1-16