

SEARCH STRATEGIES FOR THE IDENTIFICATION OF HEALTH ECONOMIC STUDIES

Each search was constructed using the groups of terms set out in Text Box 1. The full set of search terms is documented in sections 1 to 2.1. The selection of search terms was kept broad to maximise retrieval of evidence in a wide range of areas of interest to the GDG.

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

Summary of systematic search strategies for health economic evidence					
Section 1					
Review area/s	Search type	Search construction	Study design searched	Databases searched	Date range searched
All review areas/questions	Generic, evidence mapped to all review areas	General mainstream databases – generic search: [(population terms) AND (health economic/quality of life filter)] Topic specific databases – generic search: [(population terms only)]	Economic evidence (including full and partial economic evaluations and health technology assessment reports)	General mainstream databases: Embase, Medline, PreMedline, PsycINFO Topic specific databases: HTA*, NHS EED*	1995 to January 2013

Notes:

Evidence resulting from generic searches mapped to all review areas

** HTA (Health Technology Assessment database), NHS EED (NHS Economic Evaluation Database)*

1 Population search terms – all databases

1.1 STEM – general medical databases

Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

- autism/ or asperger syndrome/ or childhood disintegrative disorder/ or "pervasive developmental disorder not otherwise specified"/
- 1 1 use emez
 - 2 1 use emez
 - 3 child development disorders, pervasive/ or asperger syndrome/ or autistic disorder/
 - 4 3 use mesz, prem
 - 5 aspergers syndrome/ or autism/ or autistic thinking/ or pervasive developmental disorders/
 - 6 5 use psych
 - 7 asperger\$.ti,ab.
 - 8 autis\$.ti,ab.
 - 9 childhood schizophrenia.ti,ab.
 - 10 ((communicat\$ or speech) adj3 disorder\$).ti,ab.
 - 11 (heller\$ or (disintegrative adj2 (disorder\$ or psychos\$))).ti,ab.
 - 12 kanner\$.ti,ab.
 - 13 (language adj3 delay\$).ti,ab.
 - 14 (((left or right) adj2 hemispher\$ adj3 (damag\$ or deficit\$ or disabilit\$ or disorder\$ or impair\$ or dysfunction\$)) or hemisphere functioning).ti,ab.
 - 15 (neurodiverse\$ or neurodiversit\$).ti,ab.
 - 16 ((nonverbal or non verbal) adj2 learning adj2 (deficit\$ or disabilit\$ or disorder\$ or impair\$ or dysfunction\$)).ti,ab.
 - 17 pathological demand avoidance.ti,ab.
 - 18 ((pervasive\$ adj2 (development\$ or neurodevelopment\$)) or pdd nos or pddnos).ti,ab.
 - 19 ((pragmatic language or semantic pragmatic) adj3 (deficit\$ or disability\$ or disorder\$ or impair\$ or dysfunction\$)).ti,ab.
 - 20 or/2,4,6-19

1.2 STEM - topic specific databases

HTA, NHS EED – Wiley

id	search
#1	mesh descriptor child development disorders, pervasive explode all trees

- #2 [\(asperger*\):ti or \(asperger*\):ab](#)
- #3 [\(autis*\):ti or \(autis*\):ab](#)
- #4 ["childhood schizophrenia":ti or "childhood schizophrenia":ab](#)
- #5 [\(\(communicat* or speech\) near/3 disorder*\):ti or \(\(communicat* or speech\) near/3 disorder*\):ab](#)
- #6 [\(heller* or \(disintegrative near/2 \(disorder* or psychos*\)\)\) :ti or \(heller* or \(disintegrative near/2 \(disorder* or psychos*\)\)\) :ab](#)
- #7 [\(kanner*\):ti or \(kanner*\):ab](#)
- #8 [\(language near/3 delay*\):ti or \(language near/3 delay*\):ab](#)
- #9 [\(\(left or right\) near/2 hemispher* near/3 \(damag* or deficit* or disabilit* or disorder* or impair* or dysfunction*\)\) or "hemisphere functioning":ti or \(\(left or right\) near/2 hemispher* near/3 \(damag* or deficit* or disabilit* or disorder* or impair* or dysfunction*\)\) or "hemisphere functioning":ab](#)
- #10 [\(neurodiverse* or neurodiversit*\):ti or \(neurodiverse* or neurodiversit*\):ab](#)
- #11 [\(\(nonverbal or non verbal\) near/2 learning near/2 \(deficit* or disabilit* or disorder* or impair* or dysfunction*\)\) :ti or \(\(nonverbal or non verbal\) near/2 learning near/2 \(deficit* or disabilit* or disorder* or impair* or dysfunction*\)\) :ab](#)
- #12 ["pathological demand avoidance":ti or "pathological demand avoidance":ab](#)
- #13 [\(\(pervasive* near/2 \(development* or neurodevelopment*\)\) or "pdd nos" or pddnos\):ti or \(\(pervasive* near/2 \(development* or neurodevelopment*\)\) or "pdd nos" or pddnos\):ab](#)
- #14 [\(\("pragmatic language" or "semantic pragmatic"\) near/3 \(deficit* or disability* or disorder* or impair* or dysfunction*\)\) :ti or \(\(\("pragmatic language" or "semantic pragmatic"\) near/3 \(deficit* or disability* or disorder* or impair* or dysfunction*\)\) :ab](#)
- #15 [\(#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14\)](#)

2 Study design filters – all databases

2.1 Health economic/quality of life filter

Embase, Medline, PreMEDLINE, PsycINFO – OVID SP

1	budget/ or exp economic evaluation/ or exp fee/ or funding/ or exp health care cost/ or health economics/ or exp pharmacoeconomics/ or resource allocation/
2	1 use emez
3	exp budgets/ or exp "costs and cost analysis"/ or economics/ or exp economics, hospital/ or exp economics, medical/ or economics, nursing/ or economics, pharmaceutical/ or exp "fees and charges"/ or exp resource allocation/ or value of life/

4	3 use mesz
5	exp "costs and cost analysis"/ or "cost containment"/ or economics/ or finance/ or funding/ or health care economics/ or pharmacoeconomics/ or exp professional fees/ or resource allocation/
6	5 use psyh
7	(cost\$ or economic\$ or pharmacoeconomic\$ or pharmaco economic\$).ti. or (cost\$ adj2 (effective\$ or utilit\$ or benefit\$ or minimi\$)).ab. or economic model\$.tw. or (budget\$ or fee or fees or financ\$ or price or prices or pricing or resource\$ allocat\$ or (value adj2 (monetary or money))).ti,ab.
8	decision theory/ or decision tree/ or monte carlo method/ or *nonbiological model/ or (statistical model/ and exp economic aspect/) or stochastic model/ or *theoretical model/
9	8 use emez
10	exp decision theory/ or markov chains/ or exp models, economic/ or *models, organizational/ or *models, theoretical/ or monte carlo method/
11	10 use mesz
12	exp decision theory/ or exp stochastic modeling/
13	12 use psyh
14	((decision adj (analy\$ or model\$ or tree\$)) or economic model\$ or markov or monte carlo).ti,ab.
15	quality adjusted life year/ or "quality of life index"/ or short form 12/ or short form 20/ or short form 36/ or short form 8/ or sickness impact profile/
16	15 use emez
17	quality-adjusted life years/ or sickness impact profile/
18	17 use mesz
19	"*quality of life"/
20	19 use psyh
21	((((disability or quality) adj adjusted) or (adjusted adj2 life)).ti,ab.
22	(disutili\$ or (utilit\$ adj1 (health or score\$ or value\$ or weigh\$))).ti,ab.
23	(health year equivalent or hye or hyes).ti,ab.
24	(daly or qal or qald or qale or qaly or qtime\$ or qwb\$).ti,ab.
25	discrete choice.ti,ab.
26	(euroqol\$ or euro qol\$ or eq5d\$ or eq 5d\$).ti,ab.
27	(hui or hui1 or hui2 or hui3).ti,ab.
28	((quality adj2 (wellbeing or well being)) or quality adjusted life or qwb or (value adj2 (money or monetary))).ti,ab.
29	(qol or hql\$ or hqol\$ or h qol\$ or hrqol or hr qol or hr ql or hrql).ti,ab.
30	rosser.ti,ab.
31	sickness impact profile.ti,ab.
32	(standard gamble or time trade\$ or tto or willingness to pay).ti,ab.
33	(sf36 or sf 36 or short form 36 or shortform 36 or sf thirtysix or sf thirty six or shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six).ti,ab.
34	(sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six).ti,ab.
35	(sf12 or sf 12 or short form 12 or shortform 12 or sf twelve or sftwelve or shortform twelve or short form twelve).ti,ab.
36	(sf16 or sf 16 or short form 16 or shortform 16 or sf sixteen or sfsixteen or shortform

	sixteen or short form sixteen).ti,ab
37	(sf20 or sf 20 or short form 20 or shortform 20 or sf twenty or sftwenty or shortform twenty or short form twenty).ti,ab.
38	or/ 2,4,6-7,9,11,13-14,16,18,20-37