APPENDIX 7: SEARCH STRATEGIES FOR THE IDENTIFICATION OF HEALTH ECONOMIC STUDIES

1	**Social anxiety disorder**	**3**
1.1	*Social anxiety disorder – general mainstream databases*	*3*
1.2	*Social anxiety disorder – topic specific databases*	*3*
2	**Specific phobias**	**4**
2.1	*Specific phobias – mainstream medical databases*	*4*
2.2	*Specific phobias – topic specific databases*	*5*
3	**Question specific search strategies – all databases**	**6**
3.1	*CCBT for specific phobias*	*6*
4	**Study design filters – general mainstream databases**	**12**
4.1	*Health economics/quality of life filter*	*12*

Abbreviations

CCBT	computerised cognitive behavioural therapy
CENTRAL	Cochrane database of RCTs and other controlled trials
HE	health economics
QoL	quality of life
Embase	Excerpta Medica Database
GDG	Guideline Development Group
MEDLINE	Medical Literature Analysis and Retrieval System Online
PreMEDLINE	National Library of Medicine's in-process database for MEDLINE
PsycINFO	Psychological Information Database
HTA	Health Technology Assessment database
NHS EED	National Health Service Economic Evaluation Database
RCT	randomised controlled trial
RQ	review question

Note. 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 4. The selection of search terms was kept broad to maximise retrieval of evidence in a wide range of areas of interest to the GDG.

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

Summary of systematic search strategies for health economic evidence					
Section 1					
Review area/s	**Search type**	**Search construction**	**Study design searched**	**Databases searched**	**Date range searched**
All review areas/RQs [RQ1.1,2.1,2.2,3.1,3.2]	Generic, evidence mapped to all review areas	General mainstream databases – generic search: [(population terms) AND (HE/QoL 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	1997 to October 2012
Note. Evidence resulting from generic searches mapped to all review areas.					
RQ,4.1	Focused	Core/topic specific databases – focused search: [(specific phobias) AND (CCBT terms) AND (HE/QoL filter)]	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	RCT: 2004 to January 2012
Notes. Updates NICE Technology Appraisal on CCBT.					

SEARCH STRATEGIES FOR THE IDENTIFICATION OF HEALTH ECONOMIC EVIDENCE

Population search terms – all databases

1 SOCIAL ANXIETY DISORDER

1.1 SOCIAL ANXIETY DISORDER – GENERAL MAINSTREAM DATABASES

1.1.1 Embase, MEDLINE, PreMEDLINE, PsycINFO – OVID SP

1	avoidant personality disorder/ or hyperhidrosis/ or mutism/ or social phobia/
2	1 use emez
3	blushing/ or exp hyperhidrosis/ or mutism/ or phobic disorders/ or shyness/
4	3 use mesz, prem
5	avoidant personality disorder/ or elective mutism/ or social anxiety/ or social phobia/ or sweating/ or timidity/
6	5 use psyh
7	(((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.
8	or/2,4,6-7

1.2 SOCIAL ANXIETY DISORDER – TOPIC SPECIFIC DATABASES

1.2.1 HTA, NHS EED – Wiley

id	search
#1	mesh descriptor phobic disorders, this term only
#2	mesh descriptor hyperhidrosis explode all trees
#3	mesh descriptor mutism, this term only
#4	mesh descriptor blushing, this term only
#5	mesh descriptor shyness, this term only
#6	((anxiet* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or 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* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or shy or shyness or "specific phobia*":ti
#7	((anxiet* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or 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* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or shy or shyness or "specific phobia*":ab
#8	((anxiet* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or 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* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or shy or shyness or "specific phobia*":kw
#9	(#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8)

2 SPECIFIC PHOBIAS

2.1 SPECIFIC PHOBIAS – MAINSTREAM MEDICAL DATABASES

2.1.1 Embase, MEDLINE, PreMEDLINE, PsycINFO – OvidSP

1 avoidant personality disorder/ or hyperhidrosis/ or mutism/ or exp phobia/
2 1 use emez
3 agoraphobia/ or blushing/ or exp hyperhidrosis/ or mutism/ or phobic disorders/ or shyness/
4 3 use mesz, prem
5 avoidant personality disorder/ or exp phobias/ or social anxiety/ or sweating/ or timidity/
6 5 use psyh
7 (((anxiet$ or anthropophobi$ 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$)) or ((interpersonal or inter personal or social$ 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$)) or ((chroni$ or excessiv$) adj2 sweat$)) 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$).ti,ab.
8 (acrophob$ or agoraphob$ or claustrophob$ or emetophob$ or homophob$ or kinesiophob$ 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$).ti,ab. or (fear$ and (air travel or animal$ or blood$ 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 movement$ or needle$ or night$ or reinjure$ or school$ or snake$ or spider$ or test$ or water)).hw. or fear$.ti.

9 or/2,4,6-8

2.2 SPECIFIC PHOBIAS – TOPIC SPECIFIC DATABASES

2.2.1 HTA/NHS EED – Wiley

#1	mesh descriptor **agoraphobia**, this term only
#2	mesh descriptor **blushing**, this term only
#3	mesh descriptor **hyperhidrosis**, this term only
#4	mesh descriptor **mutism**, this term only
#5	mesh descriptor **phobic disorders**, this term only
#6	mesh descriptor **shyness**, this term only
#7	(((anxiet* or anthropophobi* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear*)) 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 ((chroni* or excessiv*) near/2 sweat*)) 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* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or (shy or shyness) or "specific phobia*"):ti or (((anxiet* or anthropophobi* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear*)) 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 ((chroni* or excessiv*) near/2 sweat*)) 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* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or (shy or shyness) or "specific phobia*"):ab
#8	(fear* and (" air travel " or animal* or blood* or buses or ((closed or public) near/2 space*) 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 reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) :kw
#9	(fear*):ti
#10	(acrophob* or agoraphob* or claustrophob* or emetophob* or homophob* or kinesiophob* 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) near/2 fear*) or (fear* near/4 (" air travel " or animal* or blood* or buses or ((closed or public) near/2 space*) 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 reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) or " specific fear* "):ti or (acrophob* or agoraphob* or claustrophob* or emetophob* or homophob* or kinesiophob* 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) near/2 fear*) or (fear* near/4 (" air travel " or animal* or blood* or buses or ((closed or public) near/2 space*) 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 reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) or " specific fear* "):ab
#11	#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10

3 QUESTION SPECIFIC SEARCH STRATEGIES – ALL DATABASES

3.1 CCBT FOR SPECIFIC PHOBIAS

RQ4.1 For adults with specific phobias, what are the relative benefits and harms of CCBT?

3.1.1 Embase, MEDLINE, PreMEDLINE, PsycINFO – OvidSP

1	exp psychotherapy/
2	1 use emez
3	exp psychotherapy/
4	3 use mesz, prem
5	exp psychotherapy/ or exp cognitive techniques/
6	5 use psyh
7	(((cognit$ or behavio?r$ or metacognit$) adj5 (analy$ or interven$ or modif$ or program$ or psychoanaly$ or psychotherap$ or restructur$ or retrain$ or technique$ or therap$ or train$ or treat$)) or (behav$ and cognit$ and (analy$ or interven$ or modif$ or program$ or psychoanaly$ or psychotherap$ or restructur$ or retrain$ or technique$ or therap$ or train$ or treat$)) or behavio?r$ activat$ or cbt or ((rational$ adj3 emotiv$) or ((rational or ret) adj (living or psychotherap$ or therap$)) or rebt or (active directive adj (psychotherap$ or therap$)))).ti,ab.
8	or/2,4,6-7
9	self care/ or self care agency/ or self help/ or self medication/
10	9 use emez
11	self administration/ or self care/ or self-help groups/ or self medication/
12	11 use mesz, prem
13	self care skills/ or exp self help techniques/
14	13 use psyh
15	((self adj (administer$ or assess$ or care or change or directed or help$ or guide$ or instruct$ or manag$ or monitor$ or regulat$ or reinforc$ or re inforc$ or technique$ or therap$ or treat$)) or selfhelp$ or smart recover$ or (minimal adj (contact or guidance)) or helpseek$ or (help$ adj2 seek$) or (mutual adj (help or aid or support$))).ti,ab.
16	or/10,12,14-15
17	bibliotherapy/
18	17 use mesz, prem
19	bibliotherapy/
20	19 use psyh
21	(bibliotherap$ or biblio therap$ or manual or ((book$1 or booklet$ or brochure$ or leaflet$ or

	material$ or pamphlet$ or poster$ or read$1 or reading or workbook$ or written) adj5 (approach$ or assist$ or coach$ or club$ or class$ or educat$ or instruct$ or interven$ or learn$ or module$ or program$ or psychoanaly$ or psychotherap$ or rehab$ or strateg$ or support$ or teach$ or therap$ or train$ or treat$ or workshop$ or work shop$)) or ((read$1 or reading) adj4 (book$1 or booklet$ or brochure$ or leaflet$ or material$ or pamphlet$ or poster$ or read$1 or reading))).ti,ab.
22	or/18,20-21
23	or/8,16,22
24	exp "exp automation, computers and data processing"/ or exp computer/ or telemedicine/ or telephone$.sh. or teletherapy/ or telepsychiatry/
25	24 use emez
26	computer aided design/ or computer communication networks/ or computer literacy/ or computer systems/ or computer user training/ or computer-assisted instruction/ or exp computers/ or exp decision making, computer assisted/ or exp internet/ or medical informatics computing/ or multimedia/ or exp software/ or telemedicine/ or exp telephone/
27	26 use mesz, prem
28	exp computer applications/ or computer mediated communication/ or computer literacy/ or exp computer software/ or computer training/ or exp computers/ or human computer interaction/ or internet/ or multimedia/ or telemedicine/ or exp telephone systems/ or telephone$.sh. or ((computer$ and (cognitiv$ or psychotherap$)) or computer program$ or (beating adj2 blues)).id.
29	28 use psyh
30	(cd$1 or cd rom or cdrom or computer$ or cyber$ or dvd or electronic$ or floppy or interactiv$ or internet or mobile device$ or multimedia or multi media or online or pc$1 or phone$ or portal$1 or telephone$ or virtual or web$ or www).ti,ab.
31	interactive voice response.ti,ab.
32	23 and (or/25,27,29-31)
33	computer assisted therapy/
34	33 use emez
35	therapy, computer assisted/
36	35 use mesz, prem
37	computer assisted therapy/ or online therapy/
38	37 use psyh
39	(e communication$ or ecommunication$ or e consult$ or econsult$ or e visit$ or evisit$ or e therap$ or etherap$ or telehealth or tele health or tele medicine or telemedicine or teletherap$ or tele therap$).ti,ab.
40	((cd$1 or cd rom or cdrom or computer$ or cyber$ or dvd or electronic$ or floppy or interactiv$ or internet or mobile device$ or multimedia or multi media or online or pc$1 or phone$ or telephone$ or virtual or web$ or www) adj5 (advocacy or approach$ or coach$ or discussion or educat$ or exchang$ or guide$1 or help$ or instruct$ or interact$ or interven$ or learn$ or manag$ or meeting$ or module$ or program$ or psychoanaly$ or psychotherap$ or rehab$ or retrain$ or re train$ or skill$ or strateg$ or support$ or teach$ or technique$ or therap$ or train$ or treat$ or work shop$ or workshop$)).ti,ab.
41	((cd$1 or cd rom or cdrom or computer$ or cyber$ or dvd or electronic$ or floppy or information or interactiv$ or internet or mobile device$ or multimedia or multi media or online or pc$1 or phone$ or telephone$ or virtual or web$ or www) adj2 (assist$ or based or driven)).ti,ab.
42	((cd$1 or cd rom or cdrom or computer$ or cyber$ or dvd or electronic$ or floppy or interactiv$ or internet or mobile device$ or multimedia or multi media or online or pc$1 or phone$ or telephone$ or virtual or web$ or www) adj5 (aid or aided or appointment$ or booking$ or communicat$ or consult$ or deliver$ or feedback or forum or guided or input$ or letter$ or referral$ or remind$ or send$ or transfer$ or transmi$ or visit$)).ti,ab.
43	((client$ or consumer$ or inpatient$ or outpatient$ or patient$ or health or information or web or internet) adj3 portal$).ti,ab.
44	((client$ or consumer$ or inpatient$ or outpatient$ or patient$) adj5 (cd$1 or cd rom or cdrom or computer$ or cyber$ or dvd or electronic$ or floppy or interactiv$ or internet or mobile device$

	or multimedia or multi media or online or pc$1 or phone$ or telephone$ or virtual or web$ or www)).ti,ab.
45	((((anxiet$ or anthropophobi$ 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$)) or ((interpersonal or inter personal or social$ 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$)) or ((chroni$ or excessiv$) adj2 sweat$)) 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$) adj3 (package$ or program$)).ti,ab.
46	((acrophob$ or agoraphob$ or claustrophob$ or emetophob$ or homophob$ or kinesiophob$ 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$).ti,ab. or (fear$ and (air travel or animal$ or blood$ 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 movement$ or needle$ or night$ or reinjure$ or school$ or snake$ or spider$ or test$ or water)).hw. or fear$.ti.) adj3 (package$ or program$).ti,ab.
47	(btstep$ or bt step$ or ocfighter or oc fighter or caccbt or ccbt or c cbt or glasgow steps or (living life adj2 full) or netcope or net cope or overcoming depression or panic online or positivestep or positive step).ti,ab.
48	or/34,36,38-47
48	or/32,48
50	48 or ((beating adj2 blues) or (fearfighter or fear fighter or ffeducation or ff education or standaloneff or standalone ff or internetff or internet ff or nettff or nett ff) or (moodgym or mood gym) or (overcoming anxiety or (overcoming panic adj2 agoraphobia) or (overcoming social anxiety adj1 shyness)) or (restoring adj2 balance)).ti,ab.

3.1.2 Topic specific databases

CENTRAL – Wiley

#1 mesh descriptor psychotherapy explode all trees

#2 (((cognit* or behavio?r* or metacognit*) near/5 (analy* or interven* or modif* or program* or psychoanaly* or psychotherap* or restructur* or retrain* or technique* or therap* or train* or treat*)) or (behav* and cognit* and (analy* or interven* or modif* or program* or psychoanaly* or psychotherap* or restructur* or retrain* or technique* or therap* or train* or treat*)) or behavio?r* activat* or cbt or ((rational* near/3 emotiv*) or ((rational or ret) near/1 (living or psychotherap* or therap*)) or rebt or (" active directive " near/1 (psychotherap* or therap*)))):ti or (((cognit* or behavio?r* or metacognit*) near/5 (analy* or interven* or modif* or program* or psychoanaly* or psychotherap* or restructur* or retrain* or technique* or therap* or train* or treat*)) or (behav* and cognit* and (analy* or interven* or modif* or program* or psychoanaly* or psychotherap* or restructur* or retrain* or technique* or therap* or train* or treat*)) or behavio?r* activat* or cbt or ((rational* near/3 emotiv*) or ((rational or ret) near/1 (living or psychotherap* or therap*)) or rebt or (" active directive " near/1 (psychotherap* or therap*)))):ab

#3 (#1 or #2)

#4 mesh descriptor self administration, this term only

#5 mesh descriptor self care, this term only

#6 mesh descriptor self-help groups, this term only
#7 ((self near/1 (administer* or assess* or care or change or directed or help* or guide* or instruct* or manag* or monitor* or regulat* or reinforc* or " re inforc* " or technique* or therap* or treat*)) or selfhelp* or " smart recover* " or (minimal near/1 (contact or guidance)) or helpseek* or (help* near/2 seek*) or (mutual near/1 (help or aid or support*))):ti or ((self near/1 (administer* or assess* or care or change or directed or help* or guide* or instruct* or manag* or monitor* or regulat* or reinforc* or " re inforc* " or technique* or therap* or treat*)) or selfhelp* or " smart recover* " or (minimal near/1 (contact or guidance)) or helpseek* or (help* near/2 seek*) or (mutual near/1 (help or aid or support*))):ab
#8 (#4 or #5 or #6 or #7)
#9 mesh descriptor bibliotherapy, this term only
#10 (bibliotherap* or biblio therap* or manual or ((book* or booklet* or brochure* or leaflet* or material* or pamphlet* or poster* or read* or reading or workbook* or written) near/5 (approach* or assist* or coach* or club* or class* or educat* or instruct* or interven* or learn* or module* or program* or psychoanaly* or psychotherap* or rehab* or strateg* or support* or teach* or therap* or train* or treat* or workshop* or " work shop* ")) or ((read* or reading) near/4 (book* or booklet* or brochure* or leaflet* or material* or pamphlet* or poster* or read* or reading))):ti or (bibliotherap* or biblio therap* or manual or ((book* or booklet* or brochure* or leaflet* or material* or pamphlet* or poster* or read* or reading or workbook* or written) near/5 (approach* or assist* or coach* or club* or class* or educat* or instruct* or interven* or learn* or module* or program* or psychoanaly* or psychotherap* or rehab* or strateg* or support* or teach* or therap* or train* or treat* or workshop* or " work shop* ")) or ((read* or reading) near/4 (book* or booklet* or brochure* or leaflet* or material* or pamphlet* or poster* or read* or reading))):ab
#11 (#9 or #10)
#12 (#3 or #8 or #11)
#13 mesh descriptor computer-aided design, this term only
#14 mesh descriptor computer communication networks, this term only
#15 mesh descriptor computer literacy, this term only
#16 mesh descriptor computer systems, this term only
#17 mesh descriptor computer user training, this term only
#18 mesh descriptor computer-assisted instruction, this term only
#19 mesh descriptor computers explode all trees
#20 mesh descriptor decision making, computer-assisted explode all trees
#21 mesh descriptor internet explode all trees
#22 mesh descriptor medical informatics computing, this term only
#23 mesh descriptor multimedia, this term only
#24 mesh descriptor software explode all trees
#25 mesh descriptor telemedicine, this term only
#26 mesh descriptor telephone explode all trees
#27 (cd* or " cd rom " or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or “mobile device*” or multimedia or " multi media " or online or pc* or phone* or portal* or telephone* or virtual or web* or www):ti or (cd* or " cd rom " or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or “mobile device*” or multimedia or " multi media " or online or pc* or phone* or portal* or telephone* or virtual or web* or www):ab
#28 "interactive voice response":ti or "interactive voice response":ab
#29 (#13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28)
#30 (#12 and #29)
#31 mesh descriptor therapy, computer-assisted, this term only
#32 (" e communication* " or ecommunication* or " e consult* " or econsult* or " e visit* " or evisit* or " e therap* " or etherap* or telehealth or " tele health " or " tele medicine " or telemedicine or teletherap* or " tele therap* "):ti or (" e communication* " or ecommunication* or " e consult* " or econsult* or " e visit* " or evisit* or " e therap* " or etherap* or telehealth or " tele health " or " tele medicine " or telemedicine or teletherap* or "

tele therap* "):ab

#33 ((cd* or " cd rom " or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or “mobile device*” or multimedia or " multi media " or online or pc* or phone* or telephone* or virtual or web* or www) near/5 (advocacy or approach* or coach* or discussion or educat* or exchang* or guide* or help* or instruct* or interact* or interven* or learn* or manag* or meeting* or module* or program* or psychoanaly* or psychotherap* or rehab* or retrain* or " re train* " or skill* or strateg* or support* or teach* or technique* or therap* or train* or treat* or work shop* or workshop*)):ti or ((cd* or " cd rom " or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or “mobile device*” or multimedia or " multi media " or online or pc* or phone* or telephone* or virtual or web* or www) near/5 (advocacy or approach* or coach* or discussion or educat* or exchang* or guide* or help* or instruct* or interact* or interven* or learn* or manag* or meeting* or module* or program* or psychoanaly* or psychotherap* or rehab* or retrain* or " re train* " or skill* or strateg* or support* or teach* or technique* or therap* or train* or treat* or work shop* or workshop*)):ab

#34 ((cd* or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or information or interactiv* or internet or “mobile device*” or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www) near/2 (assist* or based or driven)):ti or ((cd* or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or information or interactiv* or internet or “mobile device*” or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www) near/2 (assist* or based or driven)):ab

#35 ((cd* or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or “mobile device*” or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www) near/5 (aid or aided or appointment* or booking* or communicat* or consult* or deliver* or feedback or forum or guided or input* or letter* or referral* or remind* or send* or transfer* or transmi* or visit*)):ti or ((cd* or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or “mobile device*” or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www) near/5 (aid or aided or appointment* or booking* or communicat* or consult* or deliver* or feedback or forum or guided or input* or letter* or referral* or remind* or send* or transfer* or transmi* or visit*)):ab

#36 ((client* or consumer* or inpatient* or outpatient* or patient* or health or information or web or internet) near/3 portal*):ti or ((client* or consumer* or inpatient* or outpatient* or patient* or health or information or web or internet) near/3 portal*):ab

#37 ((client* or consumer* or inpatient* or outpatient* or patient*) near/5 (cd* or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or “mobile device*” or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www)):ti or ((client* or consumer* or inpatient* or outpatient* or patient*) near/5 (cd* or "cd rom" or cdrom or computer* or cyber* or dvd or electronic* or floppy or interactiv* or internet or “mobile device*” or multimedia or "multi media" or online or pc* or phone* or telephone* or virtual or web* or www)):ab

#38 (((anxiet* or anthropophobi* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear*)) 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 ((chroni* or excessiv*) near/2 sweat*) 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* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or shy or shyness or "specific phobia*") near/3 (package* or program*):ti or (((anxiet* or anthropophobi* or anxious* or phobia* or phobic*) near/2 (performance or social*)) or socioanxi* or sociophobi* or ((blush* or sweat* or trembl*) near/3 (anxiet* or anxious* or chronic* or excessiv* or fear*)) 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 ((chroni* or excessiv*) near/2 sweat*) 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* near/2 neuros*) or "phobic disorder*" or (school* near/2 (anxiet* or anxious* or phobi* or refuse or refusal)) or shy or shyness or "specific phobia*") near/3 (package* or program*):ab

#39 (acrophob* or agoraphob* or claustrophob* or emetophob* or homophob* or kinesiophob* 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) near/2 fear*) or (fear* near/4 ("air travel" or animal* or blood* or buses or ((closed or public) near/2 space*) 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 reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) or "specific fear*") near/3 (package or program*):ti or (acrophob* or agoraphob* or claustrophob* or emetophob* or homophob* or kinesiophob* 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) near/2 fear*) or (fear* near/4 ("air travel" or animal* or blood* or buses or ((closed or public) near/2 space*) 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 reinjure* or school* or snake* or space* or spider* or test* or thunder* or train* or travel* or water)) or "specific fear*") near/3 (package or program*):ab

#40 (btstep* or "bt step*" or ocfighter or "oc fighter" or caccbt or ccbt or "c cbt" or "glasgow steps" or ("living life" near/2 full) or netcope or "net cope" or "overcoming depression" or "panic online" or positivestep or "positive step"):ti or (btstep* or "bt step*" or ocfighter or "oc fighter" or caccbt or ccbt or "c cbt" or "glasgow steps" or ("living life" near/2 full) or netcope or "net cope" or "overcoming depression" or "panic online" or positivestep or "positive step"):ab

#41 (#31 or #32 or #33 or #34 or #35 or #36 or #37 or #38 or #39 or #40)

#42 (#30 or #41)

#43 ((beating near/2 blues) or (fearfighter or fear fighter or ffeducation or “ff education” or standaloneff or “standalone ff” or internetff or “internet ff” or nettff or “nett ff”) or (moodgym or “mood gym”) or (“overcoming anxiety” or (“overcoming panic” near/2 agoraphobia) or (“overcoming social anxiety” near/1 shyness)) or (restoring near/2 balance)):ti or ((beating near/2 blues) or (fearfighter or fear fighter or ffeducation or “ff education” or standaloneff or “standalone ff” or internetff or “internet ff” or nettff or “nett ff”) or (moodgym or “mood gym”) or (“overcoming anxiety” or (“overcoming panic” near/2 agoraphobia) or (“overcoming social anxiety” near/1 shyness)) or (restoring near/2 balance)):ab

#44 (#42 or #43)

4 STUDY DESIGN FILTERS – GENERAL MAINSTREAM DATABASES

4.1 HEALTH ECONOMICS/QUALITY OF LIFE FILTER

4.1.1 4.1.2 Embase, MEDLINE, PreMEDLINE, PsycINFO – OvidSP

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