

## **APPENDIX 6: SEARCH STRATEGIES FOR THE IDENTIFICATION OF CLINICAL STUDIES**

### **Search strategies**

The search strategies should be referred to in conjunction with information set out in Chapter 3, Section 3.5. Each search was constructed using the groups of terms as set out in Box 1. The full set of terms for each search in MEDLINE is documented below.

### Box 1: Summary of systematic search strategies

Access to healthcare			
Review areas	Search construction (applicable to each review area)	Study design	Databases / date range
Models of service delivery;	[(Access terms) AND (SR filter)]	SR	CDSR; CINAHL; DARE; EMBASE; MEDLINE; PsycINFO. [01.01.1995 up to 10.09.2010]
Service developments	[(Access terms)]	RCT	CENTRAL [01.01.2004 up to 10.09.2010]
<i>Note. Review questions grouped together for searching purposes</i>			
Case identification			
Review areas	Search construction (applicable to each review area)	Study design	Databases / date range
Case identification tools	[(common mental health disorder terms: version 2) and (case identification terms) AND (OS filter)]	OS	CINAHL; EMBASE; MEDLINE; PsycINFO. [Inception of databases up to 10.09.2010]
Formal assessment / Further assessment of risk and need for treatment, and ROM			
Review areas	Search construction (applicable to each review area)	Study design	Databases / date range

Formal assessments; Risk assessment;	[(common mental health disorder terms: version 1) AND (assessment terms) AND (SR filter)]	SR	CDSR; CINAHL; DARE; EMBASE; MEDLINE; PsycINFO. [01.01.1995 up to 10.09.2010]
Routine outcome measures;	[(common mental health disorder terms: version 1) AND (assessment terms)]	RCT	CENTRAL [01.01.2008 up to 10.09.2010]
<i>Note. Review questions grouped together for searching purposes</i>			
Predictors of response	[(common mental health disorder terms: version 1) and (predictors of response terms) AND (SR filter)]	SR	CDSR; CINAHL; DARE; EMBASE; MEDLINE; PsycINFO. [01.01.2003 up to 10.01.2011]
<b>Systems for organising and developing local care pathways</b>			
<b>Review areas</b>	<b>Search construction</b>	<b>Study design</b>	<b>Databases / date range</b>
Local care pathways	[(Care pathway terms) AND (SR filter)]	SR	CDSR; CINAHL; DARE; EMBASE; MEDLINE; PsycINFO. [01.01.1995 up to 10.09.2010]

## *Population search terms*

### *a) Common mental health disorders – population search terms*

MEDLINE – Ovid SP interface

Version 1: includes depression

1. anxiety/ or exp anxiety disorders/ or body dysmorphic disorders/ or exp compulsive behavior/ or depression/ or exp depressive disorder/ or panic/ or stress, psychological/
2. ((anxiety\$ or anxious\$) or (body dysmorphic\$ or dysmorphophobia\$) or ((combat adj (disorder\$ or fatigue or neuro\$ or syndrome\$)) or concentration camp syndrome or torture syndrome or war neuro\$) or ((rape adj2 trauma\$) or flash back\$ or flashback\$ or posttrauma\$ or post trauma\$ or ptsd or railway spine or re experienc\$ or reexperienc\$ or (trauma\$ and (avoidance or grief or horror or death\$ or nightmare\$ or night mare\$ or emotion\$))) or (depress\$ or dysphori\$ or dysthymi\$ or melanchol\$ or seasonal affective disorder\$) or (clean response\$ or compulsi\$ or obsession\$ or obsessive\$ or ocd or recur\$ thought\$) or panic\$ or (agoraphobi\$ or claustrophobi\$ or phobi\$) or (((extreme or trauma\$) adj stress) or (trauma\$ adj (neuro\$ or stress\$)) or acute stress or desnos or (psych\$ adj (stress or trauma\$)) or psychotrauma\$ or stress disorder\$) or (((acute or chronic\$ or extreme or incessant\$ or intense\$ or persistent\$ or serious\$ or sever\$) adj2 (apprehens\$ or doom or fear\$ or terror\$)) or hypervigil\$)).ti,ab.
3. or/1-2

Version 2: excludes depression

1. anxiety/ or exp anxiety disorders/ or body dysmorphic disorders/ or exp compulsive behavior/ or panic/ or stress, psychological/
2. ((anxiety\$ or anxious\$) or (body dysmorphic\$ or dysmorphophobia\$) or ((combat adj (disorder\$ or fatigue or neuro\$ or syndrome\$)) or concentration camp syndrome or torture syndrome or war neuro\$) or ((rape adj2 trauma\$) or flash back\$ or flashback\$ or posttrauma\$ or post trauma\$ or ptsd or railway spine or re experienc\$ or reexperienc\$ or (trauma\$ and (avoidance or grief or horror or death\$ or nightmare\$ or night mare\$ or emotion\$))) or (clean response\$ or compulsi\$ or obsession\$ or obsessive\$ or ocd or recur\$ thought\$) or panic\$ or (agoraphobi\$ or claustrophobi\$ or phobi\$) or (((extreme or trauma\$) adj stress) or (trauma\$ adj (neuro\$ or stress\$)) or acute stress or desnos or (psych\$ adj (stress or trauma\$)) or psychotrauma\$ or stress disorder\$) or (((acute or chronic\$ or extreme or incessant\$ or intense\$

or persistent\$ or serious\$ or sever\$) adj2 (apprehens\$ or doom or fear\$ or terror\$)) or hypervigil\$)).ti,ab.

3. or/1-2

### *Question-specific search strategies*

*a) Access to healthcare - includes (i) models for service delivery and (ii) service developments*

MEDLINE – Ovid SP interface

- 1 health services accessibility/
- 2 ut.fs. and (care or health care or healthcare or service\$).hw.
- 3 healthcare disparities/ or health status disparities/
- 4 exp health promotion/ and (access\$ or barrier\$ or disparit\$ or equity or inequit\$ or inequalit\$).ti,ab.
- 5 ((access\$ or barrier\$ or disparit\$ or equity or inequit\$ or inequalit\$) adj4 (care or clinical practice or detect\$ or diagnos\$ or health\$ or interven\$ or medication\$ or medicine\$ or program\$ or psychotherap\$ or recogni\$ or referral\$ or service\$ or therap\$ or treat\$)).ti,ab.
- 6 (((health adj (care or service)) or healthcare) adj2 (need\$1 or use\$1 or using or utilis\$ or utiliz\$)).ti,ab.
- 7 ((barrier\$ or disparit\$ or equity or hinder\$ or hindran\$ or hurdle\$ or imped\$ or improv\$ or inequit\$ or inequalit\$ or obstacle\$ or obstruct\$ or prevent\$ or promot\$ or reluctan\$ or restrict\$ or uptake or utilis\$ or utilis\$ or vulnerable) adj3 access\$).ti,ab.
- 8 ((access or barrier) adj research\$).ti,ab.
- 9 ((behavio?r\$ or helpseek\$ or help seek\$ or system\$) adj2 barrier\$).ti,ab.
- 10 (exp aged/ or geriatrics/ or exp african continental/ or exp asian continental ancestry group/ or ancestry group/ or cross-cultural comparison/ or cultural characteristics/ or cultural competency/ or cultural deprivation/ or cultural diversity/ or culture/ or "emigrants and immigrants"/ or exp ethnic groups/ or ethnology/ or minority groups/ or multilingualism/ or prejudice/ or race relations/ or refugees/ or religion/ or exp superstitions/ or taboo/ or "transients and migrants"/ or translating/ or eh.fs.) and access\$.ti,ab.
- 11 (((aged or ag?ism or ag?ing or elder\$ or ((frail or old or older) adj (men or people or person\$ or women)) or geriatric\$) or (african or asian\$ or bangladesh\$ or bengali or (black\$ adj2 (communit\$ or famil\$ or people or person\$)) or blacks or (bme adj2 (communit\$ or group\$ or people or person\$)) or caribbean\$ or (chinese adj2 (communit\$ or famil\$ or people or person\$)) or cultur\$ or ethnic\$ or ethno\$ or gujurati or hindi or hispanic\$ or im?igrant\$ or inequalit\$ or interpret\$ or latino\$ or minorit\$ or multi lingual\$ or multicultur\$ or multilingual\$ or muslim\$ or pakistan\$ or prejudic\$ or punjabi or race or races or racial or racism

or romanes or translate\$1 or translating or translation or urdu or vulnerable)) adj5 (access\$ or barrier\$ or disparit\$ or equity or inequit\$ or inequalit\$)).ti,ab.

12 or/1-11

*b) Case identification tools*

MEDLINE - Ovid SP interface

- 1 ((global mental health assessment tool adj2 primary care) or gmhatpc or gmhat pc or gm hat pc).tw,kw.
- 2 (composite international diagnostic interview or cidi or cidiauto).tw,kw.
- 3 (psychiatric diagnostic screening questionnaire or pdsq or pdsq).tw,kw.
- 4 (anxiety disorder\$ scale or (ad adj (scale or subscale)) or (gad adj (scale or subscale)) or (ads adj5 (index or instrument\$ or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or scale\$ or screen\$ or self report\$ or subscale\$ or survey\$ or tool\$ or test form\$))).tw,kw.
- 5 (((casefinding or case finding) adj2 help assessment tool) or (chat adj5 (instrument\$ or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or scale\$ or screen\$ or self report\$ or subscale\$ or tool\$ or test form\$))).tw,kw.
- 6 ((clinical outcomes adj2 routine evaluation adj2 assessment) or corea or core a or core10 or core 10).tw,kw.
- 7 distress thermometer.tw,kw.
- 8 (gad2 or gad 2 or ((2 item or twoitem or two item) adj2 (gad or generalised anxiety disorder)) or generalised anxiety disorder 2 or generalised anxiety disorder two).tw,kw.
- 9 (gad7 or gad 7 or ((7 item or sevenitem or seven item) adj2 (gad or generalised anxiety disorder)) or generalised anxiety disorder 7 or generalised anxiety disorder seven).tw,kw.
- 10 (gadqiv or gadq iv or gad q iv or gad qiv or (generalised anxiety disorder questionnaire adj3 iv)).tw,kw.
- 11 ((hospital anxiety adj2 depression scale adj3 (anxiety adj2 (subscale or sub\$1 scale))) or (hads anxiety adj (subscale or sub\$1 scale)) or hadsa or hadsa).tw,kw.
- 12 (kessler 1 or kessler one or (kessler adj4 scale\$) or ((k1 or k 1) adj5 (index or instrument\$ or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or scale\$ or screen\$ or self report\$ or subscale\$ or survey\$ or tool\$ or test form\$))).tw,kw.
- 13 (kessler 10 or kessler ten or (kessler adj4 scale\$) or ((k10 or k 10) adj5 (index or instrument\$ or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or scale\$ or screen\$ or self report\$ or subscale\$ or survey\$ or tool\$ or test form\$))).tw,kw.

- 14 ((overall anxiety adj (sensitivity or severity) adj2 impairment scale) or oasis).tw,kw.
- 15 (patient health questionnaire or phq).tw,kw.
- 16 (visual analog\$ scale or (vas adj5 (index or instrument\$ or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or scale\$ or screen\$ or self report\$ or subscale\$ or survey\$ or tool\$ or test form\$))).tw,kw.
- 17 (one item\$1 or 1 item\$1 or two item\$1 or 2 item\$1 or three item\$1 or 3 item\$1 or four item\$1 or 4 item\$1 or five item\$1 or 5 item\$1 or six item\$1 or 6 item\$1 or seven item\$1 or 7 item\$1 or eight item\$ or 8 item\$ or nine item\$ or 9 item\$ or ten item\$ or 10 item\$ or eleven item\$ or 11 item\$ or twelve item\$ or 12 item\$).tw.
- 18 (one question\$ or 1 question\$ or two question\$ or 2 question\$ or three question\$ or 3 question\$ or four question\$ or 4 question\$ or five question\$ or 5 question\$ or six question\$ or 6 question\$ or seven question\$ or 7 question\$ or eight question\$ or 8 question\$ or nine question\$ or 9 question\$ or ten question\$ or 10 question\$ or eleven question\$ or 11 question\$ or twelve question\$ or 12 question\$).tw.
- 19 (geriatric assessment/ or nursing assessment/ or exp personality assessment/ or "predictive value of tests"/ or exp psychiatric status rating scales/ or exp psychological tests/ or questionnaires/) and (exp diagnosis/ or nursing diagnosis/ or di.fs.)
- 20 mass screening/ and (index or instrument\$ or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or scale\$ or score\$ or self report\$ or subscale\$ or survey\$ or tool\$ or test form\$).ti,ab.
- 21 di.fs. and (index or instrument\$ or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or scale\$ or score\$ or screen\$ or self report\$ or subscale\$ or survey\$ or tool\$ or test form\$).ti,ab.
- 22 ((index or instrument\$ or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or scale\$ or score\$ or screen\$ or self report\$ or subscale\$ or survey\$ or tool\$ or test form\$) adj5 (detect\$ or diagnos\$ or identif\$ or predict\$ or psychodiagnos\$)).tw.
- 23 ((index or instrument\$ or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or scale\$ or score\$ or self report\$ or subscale\$ or survey\$ or tool\$ or test form\$) adj5 screen\$).tw.
- 24 (casefind\$ or (case adj (find\$ or identif\$))).ti,ab.
- 25 ((index or instrument\$ or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or scale\$ or score\$ or screen\$ or self report\$ or subscale\$ or survey\$ or tool\$ or test form\$) adj10 (detect\$ or diagnos\$ or identif\$ or predict\$ or psychodiagnos\$) adj10 (anxiet\$ or anxious\$ or (body dysmorphi\$ or dysmorphophobi\$) or ((combat adj (disorder\$ or fatigue or neuros\$ or syndrome\$)) or concentration camp syndrome or torture syndrome or war neuros\$) or ((rape adj2 trauma\$) or flash back\$ or flashback\$ or posttrauma\$ or post trauma\$ or ptsd or railway spine or re experienc\$ or reexperienc\$ or (trauma\$ and (avoidance or grief or horror or death\$ or nightmare\$ or night mare\$ or

- emotion\$))) or (clean response\$ or compulsi\$ or obsession\$ or obsessive\$ or ocd or recur\$ thought\$) or panic\$ or (agoraphobi\$ or claustrophobi\$ or phobi\$) or (((extreme or trauma\$) adj stress) or (trauma\$ adj (neuros\$ or stress\$)) or acute stress or desnos or (psych\$ adj (stress or trauma\$)) or psychotrauma\$ or stress disorder\$) or (((acute or chronic\$ or extreme or incessant\$ or intense\$ or persistent\$ or serious\$ or sever\$) adj2 (apprehens\$ or doom or fear\$ or terror\$)) or hypervigil\$)).ti,ab.
- 26 ((index or instrument\$ or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or scale\$ or score\$ or screen\$ or self report\$ or subscale\$ or survey\$ or tool\$ or test form\$) adj10 (anxiet\$ or anxious\$ or (body dysmorphi\$ or dysmorphophobi\$) or ((combat adj (disorder\$ or fatigue or neuros\$ or syndrome\$)) or concentration camp syndrome or torture syndrome or war neuros\$) or ((rape adj2 trauma\$) or flash back\$ or flashback\$ or posttrauma\$ or post trauma\$ or ptsd or railway spine or re experienc\$ or reexperienc\$ or (trauma\$ and (avoidance or grief or horror or death\$ or nightmare\$ or night mare\$ or emotion\$))) or (clean response\$ or compulsi\$ or obsession\$ or obsessive\$ or ocd or recur\$ thought\$) or panic\$ or (agoraphobi\$ or claustrophobi\$ or phobi\$) or (((extreme or trauma\$) adj stress) or (trauma\$ adj (neuros\$ or stress\$)) or acute stress or desnos or (psych\$ adj (stress or trauma\$)) or psychotrauma\$ or stress disorder\$) or (((acute or chronic\$ or extreme or incessant\$ or intense\$ or persistent\$ or serious\$ or sever\$) adj2 (apprehens\$ or doom or fear\$ or terror\$)) or hypervigil\$)) adj10 (detect\$ or diagnos\$ or identifi\$ or predict\$ or psychodiagnos\$)).ti,ab.
- 27 ((anxiet\$ or anxious\$ or (body dysmorphi\$ or dysmorphophobi\$) or ((combat adj (disorder\$ or fatigue or neuros\$ or syndrome\$)) or concentration camp syndrome or torture syndrome or war neuros\$) or ((rape adj2 trauma\$) or flash back\$ or flashback\$ or posttrauma\$ or post trauma\$ or ptsd or railway spine or re experienc\$ or reexperienc\$ or (trauma\$ and (avoidance or grief or horror or death\$ or nightmare\$ or night mare\$ or emotion\$))) or (clean response\$ or compulsi\$ or obsession\$ or obsessive\$ or ocd or recur\$ thought\$) or panic\$ or (agoraphobi\$ or claustrophobi\$ or phobi\$) or (((extreme or trauma\$) adj stress) or (trauma\$ adj (neuros\$ or stress\$)) or acute stress or desnos or (psych\$ adj (stress or trauma\$)) or psychotrauma\$ or stress disorder\$) or (((acute or chronic\$ or extreme or incessant\$ or intense\$ or persistent\$ or serious\$ or sever\$) adj2 (apprehens\$ or doom or fear\$ or terror\$)) or hypervigil\$)) adj10 (detect\$ or diagnos\$ or identifi\$ or predict\$ or psychodiagnos\$) adj10 (index or instrument\$ or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or scale\$ or score\$ or screen\$ or self report\$ or subscale\$ or survey\$ or tool\$ or test form\$)).ti,ab.
- 28 ((index or instrument\$ or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or scale\$ or score\$ or self report\$ or



- subscale\$ or survey\$ or tool\$ or test form\$) adj10 screen\$ adj10 (anxiet\$ or anxious\$ or (body dysmorphi\$ or dysmorphophobi\$) or ((combat adj (disorder\$ or fatigue or neuros\$ or syndrome\$)) or concentration camp syndrome or torture syndrome or war neuros\$) or ((rape adj2 trauma\$) or flash back\$ or flashback\$ or posttrauma\$ or post trauma\$ or ptsd or railway spine or re experienc\$ or reexperienc\$ or (trauma\$ and (avoidance or grief or horror or death\$ or nightmare\$ or night mare\$ or emotion\$))) or (clean response\$ or compulsi\$ or obsession\$ or obsessive\$ or ocd or recur\$ thought\$) or panic\$ or (agoraphobi\$ or claustrophobi\$ or phobi\$) or (((extreme or trauma\$) adj stress) or (trauma\$ adj (neuros\$ or stress\$)) or acute stress or desnos or (psych\$ adj (stress or trauma\$)) or psychotrauma\$ or stress disorder\$) or (((acute or chronic\$ or extreme or incessant\$ or intense\$ or persistent\$ or serious\$ or sever\$) adj2 (apprehens\$ or doom or fear\$ or terror\$)) or hypervigil\$)).ti,ab.
- 29 ((index or instrument\$ or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or scale\$ or score\$ or self report\$ or subscale\$ or survey\$ or tool\$ or test form\$) adj10 (anxiet\$ or anxious\$ or (body dysmorphi\$ or dysmorphophobi\$) or ((combat adj (disorder\$ or fatigue or neuros\$ or syndrome\$)) or concentration camp syndrome or torture syndrome or war neuros\$) or ((rape adj2 trauma\$) or flash back\$ or flashback\$ or posttrauma\$ or post trauma\$ or ptsd or railway spine or re experienc\$ or reexperienc\$ or (trauma\$ and (avoidance or grief or horror or death\$ or nightmare\$ or night mare\$ or emotion\$))) or (clean response\$ or compulsi\$ or obsession\$ or obsessive\$ or ocd or recur\$ thought\$) or panic\$ or (agoraphobi\$ or claustrophobi\$ or phobi\$) or (((extreme or trauma\$) adj stress) or (trauma\$ adj (neuros\$ or stress\$)) or acute stress or desnos or (psych\$ adj (stress or trauma\$)) or psychotrauma\$ or stress disorder\$) or (((acute or chronic\$ or extreme or incessant\$ or intense\$ or persistent\$ or serious\$ or sever\$) adj2 (apprehens\$ or doom or fear\$ or terror\$)) or hypervigil\$)) adj10 screen\$).ti,ab.
- 30 ((anxiet\$ or anxious\$ or (body dysmorphi\$ or dysmorphophobi\$) or ((combat adj (disorder\$ or fatigue or neuros\$ or syndrome\$)) or concentration camp syndrome or torture syndrome or war neuros\$) or ((rape adj2 trauma\$) or flash back\$ or flashback\$ or posttrauma\$ or post trauma\$ or ptsd or railway spine or re experienc\$ or reexperienc\$ or (trauma\$ and (avoidance or grief or horror or death\$ or nightmare\$ or night mare\$ or emotion\$))) or (clean response\$ or compulsi\$ or obsession\$ or obsessive\$ or ocd or recur\$ thought\$) or panic\$ or (agoraphobi\$ or claustrophobi\$ or phobi\$) or (((extreme or trauma\$) adj stress) or (trauma\$ adj (neuros\$ or stress\$)) or acute stress or desnos or (psych\$ adj (stress or trauma\$)) or psychotrauma\$ or stress disorder\$) or (((acute or chronic\$ or extreme or incessant\$ or intense\$ or persistent\$ or serious\$ or sever\$) adj2 (apprehens\$ or doom or fear\$ or terror\$)) or hypervigil\$)) adj10 screen\$ adj10 (index or instrument\$

- or interview\$ or inventor\$ or item\$ or measure\$1 or questionnaire\$ or scale\$ or score\$ or self report\$ or subscale\$ or survey\$ or tool\$ or test form\$)).ti,ab.
- 31 or/1-30
- 32 (area under curve or predictive value of tests or reproducibility of results or roc curve or validation studies).sh. or "sensitivity and specificity"/
- 33 (accurac\$ or accurat\$ or area under curve or auc value\$ or (likelihood adj3 ratio\$) or (diagnostic adj2 odds ratio\$) or ((pretest or pre test or posttest or post test) adj2 probabilit\$) or (predict\$ adj3 value\$) or receiver operating characteristic or (roc adj2 curv\$) or reliabil\$ or sensitiv\$ or specificit\$ or valid\$).tw.
- 34 or/32-33
- 35 31 and 34

*c) Formal assessment/further assessment of risk and need for treatment, and routine outcome monitoring (ROM) – includes (i) formal assessments, (ii) risk assessment and (iii) routine outcome monitoring*

#### MEDLINE – Ovid SP interface

- 1 checklist/ or geriatric assessment/ or interview/ or interview, psychological/ or needs assessment/ or nursing assessment/ or "outcome and process assessment (health care)"/ or "outcome assessment (health care)"/ or exp personality assessment/ or "predictive value of tests"/ or exp psychiatric status rating scales/ or exp psychological tests/ or questionnaires/ or risk assessment/
- 2 exp diagnosis/ or nursing diagnosis/
- 3 anxiety/di or exp anxiety disorders/di or body dysmorphic disorders/di or exp compulsive behaviour/di or exp depression/di or exp depressive disorder/di or panic/di or stress, psychological/di
- 4 (risk\$ adj2 assess\$).ti,ab.
- 5 (risk\$ and assess\$ and (diagnos\$ or instrument\$ or interview\$ or inventor\$ or item\$1 or measur\$ or psychometr\$ or questionnaire\$ or scale\$ or score\$ or screen\$ or self report\$ or subscale\$ or sub\$ scale\$ or test form\$ or tool\$1)).ti,ab.
- 6 (((clinical or psychiatric) adj2 (assess\$ or screen\$)) or symptom scale\$).ti,ab.
- 7 ((assess\$ or diagnos\$ or instrument\$ or interview\$ or inventor\$ or item\$1 or measur\$ or psychometr\$ or questionnaire\$ or scale\$ or score\$ or screen\$ or self report\$ or subscale\$ or sub\$ scale\$ or test form\$ or tool\$1) adj5 (anxiet\$ or anxious\$ or (body dysmorphi\$ or dysmorphophobi\$) or ((combat adj (disorder\$ or fatigue or neuros\$ or syndrome\$)) or concentration camp syndrome or torture syndrome or war neuros\$) or ((rape adj2 trauma\$) or flash back\$ or flashback\$ or

- posttrauma\$ or post trauma\$ or ptsd or railway spine or re experienc\$ or reexperienc\$ or (trauma\$ and (avoidance or grief or horror or death\$ or nightmare\$ or night mare\$ or emotion\$))) or (depress\$ or dysphori\$ or dysthymi\$ or melanchol\$ or seasonal affective disorder\$) or (clean response\$ or compulsi\$ or obsession\$ or obsessive\$ or ocd or recur\$ thought\$) or panic\$ or (agoraphobi\$ or claustrophobi\$ or phobi\$) or (((extreme or trauma\$) adj stress) or (trauma\$ adj (neuros\$ or stress\$)) or acute stress or desnos or (psych\$ adj (stress or trauma\$)) or psychotrauma\$ or stress disorder\$) or (((acute or chronic\$ or extreme or incessant\$ or intense\$ or persistent\$ or serious\$ or sever\$) adj2 (apprehens\$ or doom or fear\$ or terror\$)) or hypervigil\$)).ti,ab.
- 8 ((assess\$ or diagnos\$ or instrument\$ or interview\$ or inventor\$ or item\$1 or measur\$ or psychometr\$ or questionnaire\$ or scale\$ or score\$ or screen\$ or self report\$ or subscale\$ or sub\$ scale\$ or test form\$ or tool\$1) adj4 predict\$ adj20 (anxiet\$ or anxious\$ or (body dysmorphi\$ or dysmorphophobi\$) or ((combat adj (disorder\$ or fatigue or neuros\$ or syndrome\$)) or concentration camp syndrome or torture syndrome or war neuros\$) or ((rape adj2 trauma\$) or flash back\$ or flashback\$ or posttrauma\$ or post trauma\$ or ptsd or railway spine or re experienc\$ or reexperienc\$ or (trauma\$ and (avoidance or grief or horror or death\$ or nightmare\$ or night mare\$ or emotion\$))) or (depress\$ or dysphori\$ or dysthymi\$ or melanchol\$ or seasonal affective disorder\$) or (clean response\$ or compulsi\$ or obsession\$ or obsessive\$ or ocd or recur\$ thought\$) or panic\$ or (agoraphobi\$ or claustrophobi\$ or phobi\$) or (((extreme or trauma\$) adj stress) or (trauma\$ adj (neuros\$ or stress\$)) or acute stress or desnos or (psych\$ adj (stress or trauma\$)) or psychotrauma\$ or stress disorder\$) or (((acute or chronic\$ or extreme or incessant\$ or intense\$ or persistent\$ or serious\$ or sever\$) adj2 (apprehens\$ or doom or fear\$ or terror\$)) or hypervigil\$)).ti,ab.
- 9 ((assess\$ or diagnos\$) adj4 (instrument\$ or interview\$ or inventor\$ or item\$1 or measur\$ or psychometr\$ or questionnaire\$ or scale\$ or score\$ or screen\$ or self report\$ or subscale\$ or sub\$ scale\$ or test form\$ or tool\$1) adj20 (anxiet\$ or anxious\$ or (body dysmorphi\$ or dysmorphophobi\$) or ((combat adj (disorder\$ or fatigue or neuros\$ or syndrome\$)) or concentration camp syndrome or torture syndrome or war neuros\$) or ((rape adj2 trauma\$) or flash back\$ or flashback\$ or posttrauma\$ or post trauma\$ or ptsd or railway spine or re experienc\$ or reexperienc\$ or (trauma\$ and (avoidance or grief or horror or death\$ or nightmare\$ or night mare\$ or emotion\$))) or (depress\$ or dysphori\$ or dysthymi\$ or melanchol\$ or seasonal affective disorder\$) or (clean response\$ or compulsi\$ or obsession\$ or obsessive\$ or ocd or recur\$ thought\$) or panic\$ or (agoraphobi\$ or claustrophobi\$ or phobi\$) or (((extreme or trauma\$) adj stress) or (trauma\$ adj (neuros\$ or stress\$)) or acute stress or desnos or (psych\$ adj (stress or trauma\$)) or psychotrauma\$ or stress disorder\$) or (((acute or chronic\$ or extreme

- or incessant\$ or intense\$ or persistent\$ or serious\$ or sever\$) adj2  
 (apprehens\$ or doom or fear\$ or terror\$) or hypervigil\$)).ti,ab.  
 10 or/1-9

*d) Predictors of response (generated post-consultation)*

MEDLINE - Ovid SP interface

1. "predictive value of tests"/ use mesz or exp prognosis/ use mesz
2. (predict\$ or prognos\$).ti,ab.
3. or/1-2
4. risk/ use mesz or risk assessment/ use mesz or risk factor\$.sh. use mesz
5. risk\$.ti,ab.
6. or/4-5
7. medication adherence/ use mesz or patient compliance/ use mesz or patient dropouts/ use mesz or patient readmission/ use mesz or recurrence/ use mesz or remission/ use mesz or treatment failure/ use mesz or treatment outcome/ use mesz or treatment refusal/ use mesz
8. (adher\$ or complian\$ or nonadher\$ or nonrespon\$ or recur\$ or readmi\$ or re admi\$ or rehospita\$ or re hospita\$ or relaps\$ or remission\$ or respond\$ or response\$ or ((antidepress\$ or interven\$ or therap\$ or treatment) adj3 (refus\$ or success\$))).ti,ab.
9. or/7-8
10. ((risk\$ adj2 (adher\$ or complian\$ or nonadher\$ or nonrespon\$ or recur\$ or readmi\$ or re admi\$ or rehospita\$ or re hospita\$ or relaps\$ or remission\$ or respond\$ or response\$ or ((antidepress\$ or interven\$ or therap\$ or treatment) adj3 refus\$)) or (risk\$ adj4 (predict\$ or prognos\$))).ti,ab.
11. (or/3,6 and 9) or 10

*e) Systems for organising and developing local care pathways*

MEDLINE - Ovid SP interface

- 1 critical pathways.sh.
- 2 (models, nursing or models, organizational or models, theoretical).sh. and (care or healthcare or health care or service\$).hw.
- 3 delivery of health care, integrated/
- 4 (pathway\$1 or path way\$1).ti,ab. and quality\$.hw.
- 5 ((icp\$1 and (path way\$ or pathway\$)) or icp tool\$ or ((pathway\$ or path way\$) adj5 tool\$)).ti,ab.
- 6 ((collaborat\$ or coordinat\$ or co ordinat\$ or enhanced or match\$ or shared or step\$) adj2 (care or decision making or healthcare or intervention\$ or program\$ or therap\$ or treat\$ or system\$)).ti,ab.
- 7 ((collaborat\$ or coordinat\$ or co ordinat\$ or cooperative\$ or co

- operative\$ or interdisciplin\$ or inter disciplin\$ or interprofessional or inter professional or liaison or multidisciplin\$ or multi disciplin\$ or multiprofessional\$ or multi professional\$ or teamwork\$ or team\$1 or workteam\$) adj8 (map\$ or model\$1 or path\$1 or pathway\$ or path way\$).ti. or ((collaborat\$ or cooperative\$ or co operative\$ or coordinat\$ or co ordinat\$ or interdisciplin\$ or inter disciplin\$ or interprofessional or inter professional or liaison or multidisciplin\$ or multi disciplin\$ or multiprofessional\$ or multi professional\$ or teamwork\$ or team\$1 or workteam\$) adj3 (map\$ or model\$1 or path\$1 or pathway\$ or path way\$)).ti,ab.
- 8 (integrat\$ adj3 (map\$ or model\$1 or path\$1 or pathway\$ or path way\$)).ti,ab.
- 9 ((care or interven\$ or healthcare or intervention\$ or program\$ or therap\$ or treat\$ or organi?ation\$ or system\$) and (model\$1 or path way\$ or pathway\$) and (collaborat\$ or cooperative\$ or co operative\$ or coordinat\$ or co ordinat\$ or interdisciplin\$ or inter disciplin\$ or interprofessional or inter professional or liaison or multidisciplin\$ or multi disciplin\$ or multiprofessional\$ or multi professional\$ or team\$1 or teamwork\$)).ti,ab.
- 10 (disease management adj3 (model\$ or pathway\$ or path\$1 or path way\$ or program\$)).ti,ab.
- 11 (((consumer\$ or delivery or diagnos\$ or inpatient\$ or interven\$ or patient\$ or refer or refers or referral\$ or referred or referring or service\$ or therap\$ or treat\$) adj2 (model\$ or pathway\$ or path way\$)) not signalling pathway\$).ti,ab.
- 12 (((care or caring or clinical or critical) adj2 (map\$ or path\$1 or path way\$ or pathway\$)) or care plan\$).ti,ab.
- 13 (model\$ adj3 (care or fidelit\$ or healthcare or organi?ation\$ or quality or service\$)).ti,ab.
- 14 (complex adj2 (intervention\$ or manag\$ or model\$)).ti,ab.
- 15 ((component\$ or multicomponent\$) adj4 delivery adj3 (care or healthcare or interven\$ or program\$ or service\$ or therap\$ or treat\$)).ti,ab.
- 16 emergency medical services/og or exp emergency services, hospital/og or emergency services, psychiatric/og or emergency medical service communication systems/og or triage/ or triage.ti,ab.
- 17 ((client\$ or consumer\$ or patient\$ or people or person\$1 or subject\$) and (refer\$ themselv\$ or self refer\$)).ti. or ((client\$ or consumer\$ or patient\$ or people or person\$1 or subject\$) adj8 (refer\$ themselv\$ or self refer\$)).ti,ab.
- 18 (out reach or outreach).ti,ab.
- 19 (((primary adj2 (healthcare or care)) or (family adj (doctor\$ or physician\$ or practice\$)) or general practi\$ or practitioner\$) adj2 (network\$ or partnership\$)).ti,ab.
- 20 ((direct\$ or open or unconstrain\$ or unrestrict\$) adj2 (refer\$ or access)).ti,ab.

- 21 gatekeeping.sh. or ((gatekeep\$ or gate keep\$) adj10 access\$).ti,ab.
- 22 ((gatekeep\$ or gate keep\$) adj10 (doctor\$ or (family adj (physician\$ or practic\$)) or general practic\$ or health cent\$ or health visitor\$ or nurs\$ or practitioner\$ or primary care)).ti,ab.
- 23 (generic referral or (single point adj2 access\$)).ti,ab.
- 24 \*continuity of patient care/ or ((continuum or continuity) adj2 care).ti,ab.
- 25 critical pathway\$.so.
- 26 or/1-25

## Search filters

*a) Systematic review search filter – this is an adaptation of a filter designed by the Health Information Research Unit of the McMaster University, Ontario*

MEDLINE – Ovid SP interface

1. meta-analysis/or meta-analysis as topic/
2. meta-analysis.pt.
3. ((evidence or quantitative\$ or systematic\$) adj2 (overview or review)).ti,ab.
4. (((bibliographic or electronic) adj database\$) or bids or cochrane or embase or index medicus or isi citation or medline or psyclit or psychlit or pubmed or scisearch or science citation or (web adj2 science)).ti,ab. and review.pt.
5. (metaanal\$ or meta anal\$ or metasyntes\$ or meta syntes\$).ti,ab.
6. ((pool\$ or combined or combining) adj2 (data or trials or studies or results)).ti,ab.
7. ((comment or letter or editorial ).pt. or (animal/ not human/))
8. or/1-6 not 7

*b) Observational study filter – developed in house*

MEDLINE- Ovid SP interface

1. case-control studies/
2. cohort studies/
3. cross-sectional studies/
4. epidemiologic studies/
5. follow-up studies/
6. longitudinal studies/
7. prospective studies/
8. retrospective studies/

9. (case control\$ or cross section\$ or ((observ\$ or cohort\$ or follow up or longitudinal\$ or prospective\$ or retrospective\$) adj1 (stud\$ or research or analys\$))).ti,ab.
10. or/1-9