Supplementary Appendix 1. Search strategy

CINAHL

S27	S16 AND S26
S26	S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25
S25	survey*
S24	scale*
S23	psychological test
S22	inventor*
S21	questionnaire*
S20	measure*
S19	tool*
S18	screen*
S17	valid*
S16	(S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14) AND (S1 AND S15)
S15	S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14
S14	PTSD
S13	post traumatic stress disorder
S12	phobic disorder
S11	panic disorder
S10	OCD
S9	obsessive compulsive disorder
S8	GAD
S7	generalized anxiety disorder
S6	mental health
S5	psychiatric
S4	anxi*
S3	anxious
S2	anxiety
S1	multiple sclerosis

1. multiple sclerosis/
2. "multiple sclerosis".mp.
3. "disseminated sclerosis".mp.
4. 1 or 2 or 3
5. Mental Disorders/
6. Mental health/
7. mental health services/
8. anxiety/
9. anxiety disorder/
10. anxiety.mp.
11. anxious.mp.
12. anxi*.mp.
13. psychiatric.mp.
14. "mental health".mp.
15. generalized anxiety disorder.mp.
16. GAD.mp.
17. obsessive compulsive disorder.mp.
18. OCD.mp.
19. panic disorder.mp.
20. phobic disorder.mp.
21. post traumatic stress disorder.mp.
22. PTSD.mp.
23. 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22
24. health surveys/
25. psychological test/
26. screening/
27. questionnaires/
28. predictive value of test/
29. psychiatric status rating scales/
30. valid*.mp.
31. screen*.mp.
32. tool*.mp.
33. measure*.mp.
34. questionnaire*.mp.
35. inventor*.mp.
36. psychological test.mp.
37. scale*.mp.
38. survey*.mp.
39. 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
40. 4 and 23 and 39

MEDLINE

1. anxiety.mp.
2. anxious.mp.
3. anxi*.mp.
4. psychiatric.mp.
5. mental health.mp.
6. generalized anxiety disorder.mp.
7. GAD.mp.
8. obsessive compulsive disorder.mp.
9. OCD.mp.
10. panic disorder.mp.
11. phobic disorder.mp.
12. post traumatic stress disorder.mp.
13. PTSD.mp.
14. Mental Disorders/
15. Mental health/
16. mental health services/
17. anxiety/
18. anxiety disorder/
19. 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 or 15 or 16 or 17 or 18
20. valid*.mp.
21. screen*.mp.
22. tool*.mp.
23. measure*.mp.
24. questionnaire*.mp.
25. inventor*.mp.
26. psychological test.mp.
27. scale*.mp.
28. survey*.mp.
29. health surveys/
30. psychological test/
31. screening/
32. measure/
33. predictive value of test/
34. psychiatric status rating scales/
35. questionnaires/
36. 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35
37. multiple sclerosis/ or multiple sclerosis, chronic progressive/ or multiple sclerosis, relapsing-remitting/
38. (multiple sclerosis or disseminated sclerosis).mp.
39. 37 or 38
41. 19 and 36 and 39

1. multiple sclerosis.mp. [mp=title, abstract, full text, caption text]
2. disseminated sclerosis.mp.
3. 1 or 2
4. anxiety.mp.
5. anxious.mp.
6. anxi*.mp.
7. psychiatric.mp.
8. mental health.mp.
9. generalized anxiety disorder.mp.
10. GAD.mp.
11. obsessive compulsive disorder.mp.
12. OCD.mp.
13. panic disorder.mp.
14. phobic disorder.mp.
15. post traumatic stress disorder.mp.
16. PTSD.mp.
17. 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16
18. valid*.mp.
19. screen*.mp.
20. tool*.mp.
21. measure*.mp.
22. questionnaire*.mp.
23. inventor*.mp.
24. psychological test.mp.
25. scale*.mp.
26. survey*.mp.
27. 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26
28. 3 and 17 and 27

((anxiety OR anxious OR anxi* OR psychiatric OR psychiatric OR (mental health) OR (generalized anxiety disorder) OR GAD OR (obsessive compulsive disorder) OR OCD OR (panic disorder) OR (phobic disorder) OR (post-traumatic stress disorder) OR (post-traumatic stress disorder) OR PTSD OR (mental disorders) OR (mental health) OR (anxiety disorders)) AND (multiple sclerosis) AND (valid* OR screen* OR tool* OR measure* OR questionnaire* OR inventor* OR (psychological test) OR scale* OR survey* OR (psychological assessment) OR (rating scales))

(TITLE-ABS-KEY(anxiety OR anxious OR anxi* OR psychiatric OR psychiatric OR (mental health) OR (generalized anxiety disorder) OR GAD OR (obsessive compulsive disorder) OR OCD OR (panic disorder) OR (phobic disorder) OR (post-traumatic stress disorder) OR (post-traumatic stress disorder) OR PTSD OR (mental disorders) OR (mental health) OR (anxiety disorders)) AND (TITLE-ABS-KEY(multiple sclerosis)) AND (TITLE-ABS-KEY(valid* OR screen* OR tool* OR measure* OR questionnaire* OR inventor* OR (psychological test) OR scale* OR survey* OR (psychological assessment) OR (rating scales)))

#28 #26 AND #16
Refined by: **Databases:** (WOS)
DocType=All document types; Language=All languages;

#27 #26 AND #16
DocType=All document types; Language=All languages;

#26 #25 OR #24 OR #23 OR #22 OR #21 OR #20 OR #19 OR #18 OR #17
DocType=All document types; Language=All languages;

#25 **TOPIC:** (survey*)
DocType=All document types; Language=All languages;

#24 **TOPIC:** (scale*)
DocType=All document types; Language=All languages;

#23 **TOPIC:** ("psychological test")
DocType=All document types; Language=All languages;

#22 **TOPIC:** (inventor*)
DocType=All document types; Language=All languages;

#21 **TOPIC:** (questionnaire*)
DocType=All document types; Language=All languages;

#20 **TOPIC:** (measure*)
DocType=All document types; Language=All languages;

#19 **TOPIC:** (tool*)
DocType=All document types; Language=All languages;

#18 **TOPIC:** (screen*)
DocType=All document types; Language=All languages;

#17 **TOPIC:** (valid*)
DocType=All document types; Language=All languages;

#16 #15 AND #14
DocType=All document types; Language=All languages;

#15 **TOPIC:** ("multiple sclerosis")
DocType=All document types; Language=All languages;

#14 #13 OR #12 OR #11 OR #10 OR #9 OR #8 OR #7 OR #6 OR #5 OR #4 OR #3 OR #2 OR #1
DocType=All document types; Language=All languages;

#13 **TOPIC:** ("PTSD")
DocType=All document types; Language=All languages;

#12 **TOPIC:** ("post traumatic stress disorder")
DocType=All document types; Language=All languages;

#11 **TOPIC:** ("phobic disorder")
DocType=All document types; Language=All languages;

#10 **TOPIC:** ("panic disorder")
DocType=All document types; Language=All languages;

#9 **TOPIC:** ("generalized anxiety disorder")
DocType=All document types; Language=All languages;

#8 **TOPIC:** (OCD)
DocType=All document types; Language=All languages;

#7 **TOPIC:** ("obsessive compulsive disorder")

#6
DocType=All document types; Language=All languages;
TOPIC: (GAD)
DocType=All document types; Language=All languages;

#5
TOPIC: (mental health)
DocType=All document types; Language=All languages;

#4
TOPIC: (psychiatric)
DocType=All document types; Language=All languages;

#3
TOPIC: (anxi*)
DocType=All document types; Language=All languages;

#2
TOPIC: (anxious)
DocType=All document types; Language=All languages;

#1
TOPIC: (anxiety)
DocType=All document types; Language=All languages;