Table 1

*Meta-Analysis Search Strategies*

|  |  |
| --- | --- |
| Database searched | Totals |
| Ovid MEDLINE(R) 1946 to December Week 1 2016; Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations January 10, 2017; Ovid MEDLINE(R) Epub Ahead of Print January 10, 2017 | 366 |
| PsycINFO (EBSCOhost) | 999 |
| CINAHL with Full Text (EBSCOhost) | 355 |
| EMBASE (embase.com) | 937 |
| Cochrane Database of Systematic Reviews : Issue 1 of 12, January 2017 (Wiley) | 3 |
| Cochrane Central Register of Controlled Trials: Issue 11 of 12, November 2016 (Wiley) | 258 |
| Science Citation Index Expanded (SCI-EXPANDED) --1900-present; Social Sciences Citation Index (SSCI) --1900-present; Conference Proceedings Citation Index- Science (CPCI-S) --1990-present; Conference Proceedings Citation Index- Social Science & Humanities (CPCI-SSH) --1990-present(Web of Science) | 378 |
| Total | 3,296 |
|  |  |
| After de-duplication | 2,657 |

**MEDLINE (Ovid)**

1. exp Neoplasms/

2. neoplas\*.tw.

3. cancer\*.tw.

4. (tumor\* or tumour\*).tw.

5. carcinoma\*.tw.

6. adenocarcinoma\*.tw.

7. sarcoma\*.tw.

8. exp Radiotherapy/

9. (radiation adj therap\*).tw.

10. exp Antineoplastic Agents/

11. chemotherap\*.tw.

12. chemoimmunotherap\*.tw.

13. chemoradiotherap\*.tw.

14. Bone Marrow Transplantation/

15. (bone marrow adj3 (graft\* or transplant\*)).tw.

16. or/1-15

17. exp Psychotherapy/

18. exp Complementary Therapies/

19. ((psychologic\* or psychodynamic or psychosocial or cognit\* or behavio?r\*) adj5 (treat\* or interven\* or therap\*)).tw.

20. relax\*.tw.

21. hypno\*.tw.

22. meditat\*.tw.

23. desensitis\*.tw.

24. desensitiz\*.tw.

25. (anxiety adj5 manag\*).tw.

26. exp "Biofeedback (Psychology)"/

27. biofeedback.tw.

28. exp Patient Education as Topic/

29. ((client or patient) adj5 educat\*).tw.

30. (cognitive adj5 restructur\*).tw.

31. contingency management.tw.

32. distraction.tw.

33. (expressive adj5 disclosure).tw.

34. group support.tw.

35. group therap\*.tw.

36. imagery.tw.

37. Mindfulness/

38. mindfulness.tw.

39. progressive muscle relaxation.tw.

40. psychoeducation.tw.

41. relaxation.tw.

42. reframing.tw.

43. exp Self-Help Groups/

44. (self help adj5 technique\*).tw.

45. skill training.tw.

46. exp Social Support/

47. support group\*.tw.

48. supportive therap\*.tw.

49. visualization.tw.

50. visualisation.tw.

51. (acceptance adj2 commitment).tw.

52. (dialectical adj behavio?r).tw.

53. (metacognitive adj (treat\* or interven\* or therap\*)).tw.

54. or/17-53

55. self efficacy/

56. self efficacy.tw.

57. ((cope or coping) adj3 (efficacious\* or efficacy or effective or effectiveness or successful\*)).tw.

58. ((cope or coping) adj3 strateg\*).tw.

59. (cancer behavio?r adj inventor\*).tw.

60. "strategies used by people to promote health".tw.

61. supph.tw.

62. "strategies used by patients to promote health".tw.

63. (stanford inventor\* adj2 cancer patient).tw.

64. "measure of current status".tw.

65. (state adj2 hope).tw.

66. or/55-65

67. 16 and 54 and 66

68. randomized controlled trial.pt. or randomized.mp. or placebo.mp.

69. meta analysis.mp,pt. or review.pt. or search:.tw.

70. 68 or 69

71. exp animals/ not humans.sh.

72. 70 not 71

73. 67 and 72

**PsycINFO (EBSCOhost)**

S86 (S84 AND S85)

S85 S19 AND S63 AND S75

S84 S79 OR S83

S83 S80 OR S81 OR S82

S82 TI risk\* OR AB risk\*

S81 TI effectiveness OR AB effectiveness

S80 TI control\* OR AB control\*

S79 (S76 OR S77 OR S78)

S78 TI control OR AB control

S77 TI random\* assigned OR AB random\* assigned

S76 TI double-blind OR AB double-blind

S75 S64 OR S65 OR S66 OR S67 OR S68 OR S69 OR S70 OR S71 OR S72 OR S73 OR S74

S74 TX state W2 hope scale

S73 TX measure N2 current status

S72 TX stanford inventor\* W2 cancer patient

S71 TX supph

S70 TX strategies used by people to promote health

S69 TX strategies used by patients to promote health

S68 TX cancer behavio#r inventor\*

S67 TI (cope OR coping) N3 (strateg\*) OR AB (cope OR coping) N3 (strateg\*)

S66 TI (cope OR coping) N3 (efficacious\* OR efficacy OR effective OR effectiveness OR successful\*) OR AB (cope OR coping) N3 (efficacious\* OR efficacy OR effective OR effectiveness OR successful\*)

S65 TI self efficacy OR AB self efficacy

S64 DE "Self Efficacy"

S63 S1 OR 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 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37 OR S38 OR S39 OR S40 OR S41 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S49 OR S50 OR S51 OR S52 OR S53 OR S54 OR S55 OR S56 OR S57 OR S58 OR S59 OR S60 OR S61 OR S62

S62 TI metacognitive n1 (treat\* or interven\* or therap\*) or AB metacognitive n1 (treat\* or interven\* or therap\*)

S61 TI dialectical N1 behavio#r or AB dialectical N1 behavio#r

S60 TI acceptance n2 commitment or AB acceptance n2 commitment

S59 TI visuali#ation OR AB visuali#ation

S58 TI supportive therap\* OR AB supportive therap\*

S57 TI support group\* OR AB support group\*

S56 DE "Social Support"

S55 (DE "Self Help Techniques" ) OR (DE "Self Management" OR DE "Self Instructional Training")

S54 TI skill training OR AB skill training

S53 TI self help technique\* OR AB self help technique\*

S52 TI self help group\* OR AB self help group\*

S51 DE "Support Groups"

S50 TI reframing OR AB reframing

S49 TI psychoeducation OR AB psychoeducation

S48 TI progressive muscle relaxation OR AB progressive muscle relaxation

S47 TI mindfulness OR AB mindfulness

S46 TI imagery OR AB imagery

S45 TI group therap\* OR AB group therap\*

S44 TI group support OR AB group support

S43 TI expressive disclosure OR AB expressive disclosure

S42 TI distraction OR AB distraction

S41 TI contingency management OR AB contingency management

S40 TI patient educat\* OR AB patient educat\*

S39 TI client educat\* OR AB client educat\*

S38 TI biofeedback OR AB biofeedback

S37 DE "Biofeedback" OR DE "Biofeedback Training" OR DE "Neurotherapy"

S36 TI (anxiety N2 manag\*) OR AB (anxiety N2 manag\*)

S35 TI (desensitis\* OR desensitiz\*) OR AB (desensitis\* OR desensitiz\*)

S34 TI meditat\* OR AB meditat\*

S33 TI hypno\* OR AB hypno\*

S32 TI relax\* OR AB relax\*

S31 TI behavio#r\* OR AB behavio#r\*

S30 TI cognit\* OR AB cognit\*

S29 TI therap\* OR AB therap\*

S28 TI treat\* OR AB treat\*

S27 TI interven\* OR AB interven\*

S26 TI psychosocial\* OR AB psychosocial\*

S25 TI psychodynamic\* OR AB psychodynamic\*

S24 TI psychologic\* OR AB psychologic\*

S23 TI complementary therap\* OR AB complementary therap\*

S22 DE "Relaxation Therapy" OR DE "Progressive Relaxation Therapy"

S21 DE "Alternative Medicine" OR DE "Acupuncture" OR DE "Aromatherapy" OR DE "Faith Healing" OR DE "Folk Medicine" OR DE "Biofeedback Training" OR DE "Holistic Health" OR DE "Hypnotherapy" OR DE "Massage" OR DE "Meditation" OR DE "Mind Body Therapy" OR DE "Phototherapy"

S20 DE "Psychotherapy" OR DE "Adlerian Psychotherapy" OR DE "Adolescent Psychotherapy" OR DE "Analytical Psychotherapy" OR DE "Autogenic Training" OR DE "Behavior Therapy" OR DE "Brief Psychotherapy" OR DE "Brief Relational Therapy" OR DE "Child Psychotherapy" OR DE "Client Centered Therapy" OR DE "Cognitive Behavior Therapy" OR DE "Conversion Therapy" OR DE "Eclectic Psychotherapy" OR DE "Emotion Focused Therapy" OR DE "Existential Therapy" OR DE "Experiential Psychotherapy" OR DE "Expressive Psychotherapy" OR DE "Eye Movement Desensitization Therapy" OR DE "Feminist Therapy" OR DE "Geriatric Psychotherapy" OR DE "Gestalt Therapy" OR DE "Group Psychotherapy" OR DE "Guided Imagery" OR DE "Humanistic Psychotherapy" OR DE "Hypnotherapy" OR DE "Individual Psychotherapy" OR DE "Insight Therapy" OR DE "Integrative Psychotherapy" OR DE "Interpersonal Psychotherapy" OR DE "Logotherapy" OR DE "Narrative Therapy" OR DE "Network Therapy" OR DE "Persuasion Therapy" OR DE "Primal Therapy" OR DE "Psychoanalysis" OR DE "Psychodrama" OR DE "Psychodynamic Psychotherapy" OR DE "Psychotherapeutic Counseling" OR DE "Rational Emotive Behavior Therapy" OR DE "Reality Therapy" OR DE "Relationship Therapy" OR DE "Solution Focused Therapy" OR DE "Supportive Psychotherapy" OR DE "Transactional Analysis"

S19 S1 OR 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 OR S15 OR S16 OR S17 OR S18

S18 TI neutropeni\* OR AB neutropeni\*

S17 TI lymphoma\* OR AB lymphoma\*

S16 DE "Bone Marrow"

S15 TI (bone marrow N3 (graft\* OR transplant\*)) OR AB (bone marrow N3 (graft\* OR transplant\*))

S14 TI chemoradiotherap\* OR AB chemoradiotherap\*

S13 TI chemoimmunotherap\* OR AB chemoimmunotherap\*

S12 TI chemotherap\* OR AB chemotherap\*

S11 DE "Chemotherapy"

S10 DE "Antineoplastic Drugs"

S9 TI (radiotherap\* OR TX radiation therap\*) OR AB (radiotherap\* OR TX radiation therap\*)

S8 DE "Radiation Therapy"

S7 TI sarcoma\* OR AB sarcoma\*

S6 TI adenocarcinoma\* OR AB adenocarcinoma\*

S5 TI carcinoma\* OR AB carcinoma\*

S4 TI tumo#r\* OR AB tumo#r\*

S3 TI cancer\* OR AB cancer\*

S2 TI neoplas\* OR AB neoplas\*

S1 DE "Neoplasms" OR DE "Benign Neoplasms" OR DE "Breast Neoplasms" OR DE "Endocrine Neoplasms" OR DE "Leukemias" OR DE "Nervous System Neoplasms" OR DE "Terminal Cancer"

**CINAHL with Full Text (EBSCOhost)**

S78 S68 AND S77

S77 S72 OR S76

S76 S73 OR S74 OR S75

S75 PT systematic review

S74 PT review

S73 meta-analysis

S72 S69 OR S70 OR S71

S71 PT clinical trial

S70 (MH "Treatment Outcomes")

S69 TI randomized or AB randomized

S68 S17 AND S54 AND S67

S67 S55 OR S56 OR S57 OR S58 OR S59 OR S60 OR S61 OR S62 OR S63 OR S64 OR S65 OR S66

S66 TX state W2 hope scale

S65 TX measure N2 current status

S64 TX stanford inventor\* W2 cancer patient

S63 TX supph

S62 TX strategies used by people to promote health

S61 TX strategies used by patients to promote health

S60 TX cancer behavio#r inventor\*

S59 (MH "Coping+")

S58 TI (cope OR coping) N3 (strateg\*) OR AB (cope OR coping) N3 (strateg\*)

S57 TI (cope OR coping) N3 (efficacious\* OR efficacy OR effective OR effectiveness OR successful\*) OR AB (cope OR coping) N3 (efficacious\* OR efficacy OR effective OR effectiveness OR successful\*)

S56 TI self efficacy OR AB self efficacy

S55 (MH "Self-Efficacy")

S54 (S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34 OR S35 OR S36 OR S37 OR S38 OR S39 OR S40 OR S41 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48 OR S49 OR S50 OR S51 OR S52 OR S53)

S53 TI metacognitive n1 (treat\* or interven\* or therap\*) or AB metacognitive n1 (treat\* or interven\* or therap\*)

S52 TI dialectical N1 behavio#r or AB dialectical N1 behavio#r

S51 TI acceptance n2 commitment or AB acceptance n2 commitment

S50 TI visuali#ation or AB visuali#ation

S49 TI supportive therap\* or AB supportive therap\*

S48 TI support group\* or AB support group\*

S47 TI skill training or AB skill training

S46 TI self help group\* or AB self help group\*

S45 TI self help N5 technique\* or AB self help N5 technique\*

S44 TI reframing or AB reframing

S43 (MH "Psychoeducation")

S42 TI progressive muscle relaxation or AB progressive muscle relaxation

S41 TI mindfulness or AB mindfulness

S40 TI imagery or AB imagery

S39 TI group therap\* or AB group therap\*

S38 TI group support or AB group support

S37 (MH "Support Groups+")

S36 TI expressive N5 disclosure OR AB expressive N5 disclosure

S35 TI distraction OR AB distraction

S34 (MH "Distraction")

S33 TI contingency management or AB contingency management

S32 TI cognitive N5 restructur\* or AB cognitive N5 restructur\*

S31 TI client N5 educat\* or AB client N5 educat\*

S30 TI patient N5 educat\* or AB patient N5 educat\*

S29 (MH "Health Education+")

S28 TI anxiety N5 manag\* or AB anxiety N5 manag\*

S27 TI desensitization or AB desensitization

S26 TI meditat\* \* OR AB meditat\*

S25 TI hypno\* OR AB hypno\*

S24 TI relax\* OR AB relax\*

S23 (MH "Relaxation Techniques+")

S22 (MH "Muscle Relaxation")

S21 (MH "Relaxation")

S20 (MH "Alternative Therapies+")

S19 TI (cognitive or behavio#r\*) n1 therap\* or AB (cognitive or behavio#r\*) n1 therap\*

S18 (MH "Psychotherapy+")

S17 (S1 OR 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 OR S15 OR S16)

S16 TI bone marrow n3 (graft\* or transplant\*) OR AB bone marrow n3 (graft\* or transplant\*)

S15 (MH "Bone Marrow Transplantation+")

S14 TI chemradiotherap\* OR AB chemradiotherap\*

S13 TI chemoimmunotherap\* OR AB chemoimmunotherap\*

S12 TI chemotherap\* OR AB chemotherap\*

S11 (MH "Chemotherapy, Cancer+")

S10 (MH "Antineoplastic Agents+")

S9 TI radiation n1 therap\* or AB radiation n1 therap\*

S8 (MH "Radiotherapy+")

S7 TI sarcoma\* or AB sarcoma\*

S6 TI adenocarcinoma\* or AB adenocarcinoma\*

S5 TI carcinoma\* or AB carcinoma\*

S4 TI tumo#r\* or AB tumo#r\*

S3 TI cancer\* or AB cancer\*

S2 TI neoplas\* or AB neoplas\*

S1 (MH "Neoplasms+")

**EMBASE (embase.com)**

#1.76 #1.74 AND #1.75

#1.75 [embase]/lim NOT [medline]/lim

#1.74 #1.70 AND #1.73

#1.73 #1.71 OR #1.72

#1.72 meta NEXT/1 analys\* OR search\*:ab,ti OR review:it

#1.71 random\*:ab,ti OR placebo\* OR (double NEXT/1 blind\*):ab,ti

#1.70 #1.54 AND #1.69

#1.69 #1.55 OR #1.56 OR #1.57 OR #1.58 OR #1.59 OR #1.60 OR #1.61 OR #1.62 OR #1.63 OR #1.64 OR #1.65 OR #1.66 OR #1.67 OR #1.68

#1.68 (state NEAR/2 hope):ab,ti

#1.67 'measure of current status':ab,ti

#1.66 ('stanford inventory' NEXT/2 'cancer patient'):ab,ti

#1.65 supph:ab,ti

#1.64 'strategies used by patients to promote health':ab,ti

#1.63 'strategies used by people to promote health':ab,ti

#1.62 ('cancer behaviour' NEXT/1 inventor\*):ab,ti

#1.61 ('cancer behavior' NEXT/1 inventor\*):ab,ti

#1.60 (cancer NEXT/1 behavio\*r):ab,ti

#1.59 ((cope OR coping) NEXT/3 strateg\*):ab,ti

#1.58 ((cope OR coping) NEXT/3 (efficacious\* OR efficacy OR effective OR effectiveness OR successful\*)):ab,ti

#1.57 'coping behavior'/exp

#1.56 'self efficacy':ab,ti

#1.55 'self concept'/exp

#1.54 #1.16 AND #1.53

#1.53 #1.17 OR #1.18 OR #1.19 OR #1.20 OR #1.21 OR #1.22 OR #1.23 OR #1.24 OR #1.25 OR #1.26 OR #1.27 OR #1.28 OR #1.29 OR #1.30 OR #1.31 OR #1.32 OR #1.33 OR #1.34 OR #1.35 OR #1.36 OR #1.37 OR #1.38 OR #1.39 OR #1.40 OR #1.41 OR #1.42 OR #1.43 OR #1.44 OR #1.45 OR #1.46 OR #1.47 OR #1.48 OR #1.49 OR #1.50 OR #1.51 OR #1.52

#1.52 (metacognitive NEAR/1 (treat\* OR interven\* OR therap\*)):ab,ti

#1.51 (dialectical NEXT/1 behavio\*r):ab,ti

#1.50 (acceptance NEAR/2 commitment):ab,ti

#1.49 visualisation:ab,ti

#1.48 visualization:ab,ti

#1.47 (supportive NEXT/1 therap\*):ab,ti

#1.46 (support NEXT/1 group\*):ab,ti

#1.45 'social support'/de

#1.44 'skill training':ab,ti

#1.43 ('self help' NEAR/5 technique\*):ab,ti

#1.42 'self help'/de

#1.41 reframing:ab,ti

#1.40 psychoeducation:ab,ti

#1.39 'progressive muscle relaxation':ab,ti

#1.38 mindfulness:ab,ti

#1.37 'mindfulness'/de

#1.36 imagery:ab,ti

#1.35 (group NEXT/1 therap\*):ab,ti

#1.34 'group support':ab,ti

#1.33 (expressive NEAR/5 disclosure):ab,ti

#1.32 distraction:ab,ti

#1.31 'contingency management':ab,ti

#1.30 (cognitive NEAR/5 restructur\*):ab,ti

#1.29 ((client OR patient) NEAR/5 educat\*):ab,ti

#1.28 'patient education'/de

#1.27 biofeedback:ab,ti

#1.26 'psychophysiology'/exp

#1.25 (anxiety NEAR/5 manag\*):ab,ti

#1.24 desensitiz\*:ab,ti

#1.23 desensitis\*:ab,ti

#1.22 meditat\*:ab,ti

#1.21 hypno\*:ab,ti

#1.20 relax\*:ab,ti

#1.19 ((psychologic\* OR psychodynamic OR psychosocial OR cognit\* OR behavio\*r\*) NEAR/5 (treat\* OR interven\* OR therap\*)):ab,ti

#1.18 'alternative medicine'/exp

#1.17 'psychotherapy'/exp

#1.16 #1.1 OR #1.2 OR #1.3 OR #1.4 OR #1.5 OR #1.6 OR #1.7 OR #1.8 OR #1.9 OR #1.10 OR #1.11 OR #1.12 OR #1.13 OR #1.14 OR #1.15

#1.15 bone:ab,ti AND (marrow NEAR/3 (graft\* OR transplant\*)):ab,ti

#1.14 'bone marrow transplantation'/exp

#1.13 chemoradiotherap\*:ab,ti

#1.12 chemoimmunotherap\*:ab,ti

#1.11 chemotherap\*:ab,ti

#1.10 'antineoplastic agent'/exp

#1.9 (radiation NEAR/1 therap\*):ab,ti

#1.8 'radiotherapy'/exp

#1.7 sarcoma\*:ab,ti

#1.6 adenocarcinoma\*:ab,ti

#1.5 carcinoma\*:ab,ti

#1.4 tumor\*:ab,ti OR tumour\*:ab,ti

#1.3 cancer\*:ab,ti

#1.2 neoplas\*:ab,ti

#1.1 'neoplasm'/exp

**Cochrane Database of Systematic Reviews and Cochrane Central Register of Controlled Trials (Wiley)**

ID Search

#1 MeSH descriptor: [Neoplasms] explode all trees

#2 neoplas\*:ti,ab,kw

#3 cancer\*:ti,ab,kw

#4 (tumor\* or tumour\*):ti,ab,kw

#5 carcinoma\*:ti,ab,kw

#6 adenocarcinoma\*:ti,ab,kw

#7 sarcoma\*:ti,ab,kw

#8 MeSH descriptor: [Radiotherapy] explode all trees

#9 (radiation near/1 therap\*):ti,ab,kw

#10 MeSH descriptor: [Antineoplastic Agents] explode all trees

#11 chemotherap\*:ti,ab,kw

#12 chemoimmunotherap\*:ti,ab,kw

#13 chemoradiotherap\*:ti,ab,kw

#14 MeSH descriptor: [Bone Marrow Transplantation] explode all trees

#15 ("bone marrow" near/3 (graft\* or transplant\*)):ti,ab,kw

#16 {or #1-#15}

#17 MeSH descriptor: [Psychotherapy] explode all trees

#18 MeSH descriptor: [Complementary Therapies] explode all trees

#19 ((psychologic\* or psychodynamic or psychosocial or cognit\* or behavio?r\*) near/5 (treat\* or interven\* or therap\*)):ti,ab,kw

#20 relax\*:ti,ab,kw

#21 hypno\*:ti,ab,kw

#22 meditat\*:ti,ab,kw

#23 desensitis\*:ti,ab,kw

#24 desensitiz\*:ti,ab,kw

#25 (anxiety near/5 manag\*):ti,ab,kw

#26 MeSH descriptor: [Biofeedback, Psychology] explode all trees

#27 biofeedback:ti,ab,kw

#28 MeSH descriptor: [Patient Education as Topic] explode all trees

#29 ((client or patient) near/5 educat\*):ti,ab,kw

#30 (cognitive near/5 restructur\*):ti,ab,kw

#31 "contingency management":ti,ab,kw

#32 distraction:ti,ab,kw

#33 (expressive near/5 disclosure):ti,ab,kw

#34 "group support":ti,ab,kw

#35 ("group therapy" or "group therapies"):ti,ab,kw

#36 imagery:ti,ab,kw

#37 MeSH descriptor: [Mindfulness] explode all trees

#38 mindfulness:ti,ab,kw

#39 "progressive muscle relaxation":ti,ab,kw

#40 psychoeducation:ti,ab,kw

#41 relaxation:ti,ab,kw

#42 reframing:ti,ab,kw

#43 MeSH descriptor: [Self-Help Groups] explode all trees

#44 ("self help" near/5 technique\*):ti,ab,kw

#45 "skill training":ti,ab,kw

#46 MeSH descriptor: [Social Support] explode all trees

#47 ("support group" or "support groups"):ti,ab,kw

#48 ("supportive therapy" or "supportive therapies"):ti,ab,kw

#49 visualization:ti,ab,kw

#50 visualisation:ti,ab,kw

#51 (acceptance near/2 commitment):ti,ab,kw

#52 (dialectical near behavio?r):ti,ab,kw

#53 (metacognitive near/1 (treat\* or interven\* or therap\*)):ti,ab,kw

#54 {or #17-#53}

#55 MeSH descriptor: [Self Efficacy] this term only

#56 "self efficacy":ti,ab,kw

#57 ((cope or coping) near/3 (efficacious\* or efficacy or effective or effectiveness or successful\*)):ti,ab,kw

#58 ((cope or coping) near/3 strateg\*):ti,ab,kw

#59 (("cancer behavior" or "cancer behaviour") near/1 inventor\*):ti,ab,kw

#60 "strategies used by people to promote health":ti,ab,kw

#61 "strategies used by patients to promote health":ti,ab,kw

#62 supph:ti,ab,kw

#63 ("stanford inventory" near/2 "cancer patient")

#64 "measure of current status":ti,ab,kw

#65 (state near/2 hope):ti,ab,kw

#66 {or #55-#65}

#67 #16 and #54 and #66

**Science Citation Index Expanded; Social Sciences Citation Index; Conference Proceedings Citation Index- Science; Conference Proceedings Citation Index- Social Science & Humanities (Web of Science)**

#39 #38 AND #37

#38 TS=random\*

#37 #36 AND #28

#36 #35 OR #34 OR #33 OR #32 OR #31 OR #30 OR #29

#35 TS=(state NEAR/2 hope)

#34 TS="measure of current status"

#33 TS=("stanford inventor\*" NEAR/2 "cancer patient")

#32 TS=("strategies used by people to promote health" OR "strategies used by patients to promote health" OR supph)

#31 TS=(("cancer behavior" OR "cancer behaviour") NEAR/1 inventor\*)

#30 TS=((cope or coping) NEAR/3 (efficacious\* or efficacy or effective or effectiveness or successful\* or strateg\*))

#29 TS="self efficacy"

#28 #27 AND #4

#27 #26 OR #25 OR #24 OR #23 OR #22 OR #21 OR #20 OR #19 OR #18 OR #17 OR #16 OR #15 OR #14 OR #13 OR #12 OR #11 OR #10 OR #9 OR #8 OR #7 OR #6 OR #5

#26 TS=(metacognitive NEAR/1 (treat\* or interven\* or therap\*))

#25 TS=(dialectical NEAR/1 behavio$r)

#24 TS=(acceptance NEAR/2 commitment)

#23 TS=(visualization OR visualisation)

#22 TS="supportive therap\*"

#21 TS="social support"

#20 TS="skill training"

#19 TS=("self help" NEAR/1 (group\* or technique\*))

#18 TS=reframing

#17 TS=(mindfulness OR "progressive muscle relaxation" OR psychoeducation)

#16 TS=imagery

#15 TS=(group NEAR/1 (support OR therap\*))

#14 TS=(expressive NEAR/5 disclosure)

#13 TS=distraction

#12 TS=("contingency management")

#11 TS=(cognitive NEAR/5 restructur\*)

#10 TS=((client or patient) NEAR/3 educat\*)

#9 TS=biofeedback

#8 TS=(anxiety NEAR/3 manag\*)

#7 TS=(hypnotherap\* OR hypnosis OR meditation)

#6 TS=((psychologic\* OR psychodynamic OR psychosocial OR congnit\* OR behavior\* OR behaviour\* OR relaxation OR desensitization OR desensitisation) NEAR/3 (treat\* OR interven\* OR therap\*))

#5 TS=(psychotherap\* OR "complementary therap\*")

#4 #3 OR #2 OR #1

#3 TS=("bone marrow" NEAR/3 graft\*)

#2 TS=("bone marrow" NEAR/3 transplant\*)

#1 TS=(neoplas\* OR cancer\* OR tumor\* OR tumour\* OR carcinoma\* OR adenocarcinoma\* OR sarcoma\* OR radiotherap\* OR "radiation therap\*" OR chemotherap\* OR chemoimmunotherap\* OR chemoradiotherap\*)