Supplemental Appendix 1

Search Strategy for the Systematic Review on Rheumatoid Arthritis

Database: Ovid MEDLINE(R) <1946 to May Week 4 2014>

1 exp Osteoarthritis/ or degenerative joint disease.mp. (43936)
2 exp Arthritis/ (200371)
3 exp Arthritis, Rheumatoid/ (92311)
4 exp Scleroderma, Systemic/ (16554)
5 systemic sclerosis.mp. (9441)
6 exp Gout/ (9653)
7 exp Lupus Erythematosus, Systemic/ (48802)
8 exp Arthritis, Psoriatic/ (3647)
9 exp Fibromyalgia/ (6177)
10 exp Osteoarthritis, Hip/ (5785)
11 exp Osteoarthritis, Knee/ (10502)
12 ankle arthritis.mp. (251)
13 foot arthritis.mp. (4)
14 inflammatory arthritis.mp. (2709)
15 exp Spondylitis, Ankylosing/ (11706)
16 exp Dermatomyositis/ (6347)
17 exp Polymyositis/ (7458)
18 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 (270516)
19 treatment.mp. or exp Therapeutics/ (5381254)
20 exp Rehabilitation/ (148673)
21 interventions.mp. (219271)
22 therapy.mp. (1691302)
23 exp Occupational Therapy/ (10119)
24 exp Physical Therapy Modalities/ (123437)
25 exp Exercise/ (118458)
26 physical agent modalities.mp. (15)
27 exp Sports Medicine/ (9333)
28 exp “Physical Education and Training”/ or athletic training.mp. (13750)
29 body mechanics.mp. (169)
30 ergonomics.mp. (3109)
31 relaxation techniques.mp. or exp Relaxation Therapy/ (7543)
32 exp Biofeedback, Psychology/ (7757)
33 prevention.mp. (365137)
34 functional training.mp. or exp “Activities of Daily Living”/ (51397)
35 adaptive equipment.mp. (89)
36 work hardening.mp. (114)
37 work reconditioning.mp. (0)
38 industrial rehabilitation.mp. (96)
39 exp Occupational Medicine/ (21725)
40 exp “Conservation of Energy Resources”/ or exp Energy Metabolism/ or energy conservation.mp. (287939)
41 cognitive behavior therapy.mp. or exp Cognitive Therapy/ (16108)
42 job coaching.mp. (11)
43 job modification.mp. (23)
44 job retraining.mp. (14)
45 exp Rehabilitation, Vocational/ or occupational rehabilitation.mp. (9273)
46 prosthetic training.mp. (69)
47 edema control.mp. (50)
48 limb reshaping.mp. (0)
49 therapeutic management.mp. (5251)
50 joint protection.mp. (155)
51 scapulohumeral rhythm.mp. (52)
52 artrokinematics.mp. (0)
53 orthotics.mp. (719)
54 hand therapy.mp. (271)
55 compensation.mp. (37031)
56 exp Adaptation, Physiological/ (97318)
57 back school.mp. (188)
58 driving adaptations.mp. (3)
59 assistive technology.mp. or exp Self-Help Devices/ (8564)
60 home modification.mp. (49)
61 exp Problem Solving/ (21202)
62 exp Splints/ (7368)
63 exp Education/ (617443)
64 training.mp. (248509)
65 19 or 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 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 (7065776)
66 exp Return to Work/ (368)
67 disability.mp. (144413)
68 level of independence.mp. (314)
69 exp Absenteeism/ (7308)
70 physical mobility.mp. (380)
71 exp Work Capacity Evaluation/ (5127)
72 exp “Quality of Life”/ (117522)
73 coping patterns.mp. (229)
74 “prosthetic use”.mp. (154)
75 exp Pain/ (305367)
76 dysfunction function.mp. (7)
77 sickness.mp. (27676)
78 exp Fatigue/ (20279)
79 exp Physical Endurance/ (24339)
80 tolerance to activity.mp. (111)
81 strength.mp. (173322)
82 dynamometry.mp. (859)
83 exp “Range of Motion, Articular”/ (33182)
84 (emg or NCV).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier] (24134)
85 exp Pinch Strength/ (160)
86 exp Hand Strength/ or grip strength.mp. (12896)
87 exp Sensation/ (232038)
88 coordination.mp. (50020)
89 weakness.mp. (36932)
90 circumferential measurement.mp. (25)
91 volumetric measurement.mp. (313)
92 exp Depression/ (76001)
93 exp Anxiety/ (55521)
94 exp Stress, Psychological/ or psychological distress.mp. (97699)
95 exp Fear/ (25650)
96 symptom magnification.mp. (21)
97 occupational stress.mp. (1204)
98 occupational engagement.mp. (50)
99 (rest or sleep).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier] (228612)
100 exp Social Participation/ (545)
101 exp Leisure Activities/ (163682)
102 occupational performance.mp. (546)
103 mobility.mp. or exp Mobility Limitation/ (104631)
104 hand function.mp. (2286)
105 fine motor coordination.mp. (147)
106 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 or 97 or 98 or 99 or 100 or 101 or 102 or 103 or 104 or 105 (1555369)
107 18 and 65 and 106 (20409)
108 limit 107 to yr=“1995-Current” (16626)
109 limit 108 to english language (14797)
110 limit 109 to “all adult (19 plus years)” (10230)
111 (clinical trial$ or random$ or random allocation$ or randomized controlled trial$ or randomised controlled trial$).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier] (1300109)
112 (systematic review$ or meta-analys$ or systematic literature review$ or consensus development conference$ or practice guideline$ or health technology assessment$ or clinical guideline$ or evidence based$ or best practice$ or evidence synthesis or evaluation studies or validation studies or main outcome measure$ or standard$ of care or critique$ or appraisal or treatment outcome$).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier] (1341633)
113 (epidemiolog$ or case-control$ or cohort$ or cross-section$ or retrospective$ or prospective$ or longitudinal$ or follow-up or follow up or RCT or RCTs or feasibility stud$ or intervention$ or sampling or pilot or comparative stud$ or outcomes research or cohort analysis or observational stud$ or cross-over$ or double-blind$ or controlled clinical trial$ or multicenter stud$ or scientific integrity review$ or “outcome and process assessment (health care)” or terms or single subject design$ or case-series or case series or case report$).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier] (6131457)
114 111 or 112 or 113 (7070967)
115 110 and 114 (9242)
116 limit 115 to (case reports or clinical conference or clinical trial, all or consensus development conference, nih or controlled clinical trial or evaluation studies or guideline or meta analysis or multicenter study or practice guideline or randomized controlled trial or “scientific integrity review” or systematic reviews or validation studies) (4809)