Figure S1 General literature search combining the search query for osteoarthritis and meta-analysis.
Figure S2 Proposition-specific search literature search for proposition 1.
Figure S3 Proposition-specific literature search for proposition 2
osteoaarthritis AND RCT/CT AND proposition 3

MEDLINE (1254), AMED (157), Embase (2289), PsychINFO (17),
CINAHL (91), Cochrane Clinical Trials (2472), PEDro (90)

3068 hits after removing duplicates

3068 titles

EXCLUDED (n=2867)
- study design
- not OA
- intervention other than elements proposed in proposition 3 a-f

201 abstracts

EXCLUDED (n=152)
- study design
- intervention other than elements proposed in recommendation 3 a-f
- outcome

49 studies retrieved in full-text

EXCLUDED (n=26)
- study design
- no analysis for OA
- interventions other than the comprehensive non-pharmacological management proposed in recommendation 3a-f
- no between group comparisons
- outcome
- double publication

23 RCTs included

Figure S4 Proposition-specific literature search for proposition 3.
osteoarthritis AND RCT/CT AND proposition 4

MEDLINE (408), AMED (40), Embase (508), PsychINFO (16),
CINAHL (140), Cochrane Clinical Trials (1481), PEDro (15)

1959 hits after removing duplicates

1959 titles

EXCLUDED (n=1811)
- study design
- not OA
- interventions other than change of lifestyle

148 abstracts

EXCLUDED (n=128)
- study design
- not OA
- not specifically about lifestyle changes

20 studies retrieved in full-text

TRACKING OF REFERENCE LISTS
0 RCT included

EXCLUDED (n=11)
- study design
- not OA
- not specifically about lifestyle changes
- outcome

9 RCTs included

Figure S5 Proposition-specific literature search for proposition 4.
Figure S6 Proposition-specific literature search for proposition 5.
osteoarthritis AND RCT/CT AND proposition 6
MEDLINE (93), AMED (11), Embase (89), PsycINFO (2), CINAHL (40), Cochrane Clinical Trials (325), PEDro (98)

429 hits after removing duplicates

429 titles

EXCLUDED (n=387)
- study design
- not OA
- intervention other than exercise
- animal,

42 abstracts

EXCLUDED (n=24)
- study design
- healthy
- the intervention does not include elements mentioned in proposition 6 a-c
- outcome

18 RCTs retrieved in full-text

EXCLUDED (n=9)
- the intervention does not include elements mentioned in proposition 6 a-c
- intervention other than exercise
- outcome

TRACKING OF REFERENCE LISTS
4 RCT included

13 RCTs included

Figure S7 Proposition-specific literature search for proposition 6.
**Figure S8** Proposition-specific literature search for proposition 8. Time limit April 2006 to February 2012.
**Figure S9** Proposition-specific search for proposition 9.
Figure S10. Proposition-specific literature search for proposition 10.
The search strategy was:

**osteoarthritis AND observational studies AND proposition 10**

MEDLINE (131), AMED (3), Embase (131), PsychINFO (2), CINAHL (86)

202 hits after removing duplicates

202 titles

EXCLUDED (n=185)
- study design
- not OA
- not investigating assistive technology

17 abstracts

EXCLUDED (n=8)
- biomechanics, work participation, PT referral
- study design

9 observational studies retrieved in full-text

EXCLUDED (n=5)
- no access to full text
- study design

4 observational studies included

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**Figure S11** Proposition-specific literature search for proposition 10.
**Figure S12.** Proposition-specific search for proposition 11.