

RCT filter used (#11 in the search quote)

Cochrane Highly Sensitive Search Strategy for identifying randomized trials in MEDLINE: sensitivity-maximizing version (2008 revision); PubMed format

#1	randomized controlled trial [pt]
#2	controlled clinical trial [pt]
#3	randomized [tiab]
#4	placebo [tiab]
#5	drug therapy [sh]
#6	randomly [tiab]
#7	trial [tiab]
#8	groups [tiab]
#9	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8
#10	animals [mh] NOT humans [mh]
#11	#9 NOT #10

PubMed search syntax

[pt] denotes a Publication Type term;

[tiab] denotes a word in the title or abstract;

[sh] denotes a subheading;

[mh] denotes a Medical Subject Heading (MeSH) term ('exploded');

[mesh: noexp] denotes a Medical Subject Heading (MeSH) term (not 'exploded');

[ti] denotes a word in the title.

PubMed search strategy:

(((**JOURNAL NAME** [ta]) and ((exercise[tiab] or "physical activity"[tiab]))) and #11) not ((review[ti] or "meta-analysis"[ti] or "meta-analyses"[ti] or "meta-regression"[ti] or "meta-analytic*"[ti] or "consensus"[ti] or "statement"[ti] or "meta-epidemiological"[ti] or "case-control"[ti] or "cohort study"[ti]))

Example:

(((British Journal of Sports Medicine [ta]) and ((exercise[tiab] or "physical activity"[tiab]))) and #11) not ((review[ti] or "meta-analysis"[ti] or "meta-analyses"[ti] or "meta-regression"[ti] or "meta-analytic*"[ti] or "consensus"[ti] or "statement"[ti] or "meta-epidemiological"[ti] or "case-control"[ti] or "cohort study"[ti]))

Filter used: Publication date from 01/01/2006 to 12/26/2016

Journals eligibility for searches:

1. Should have editorial scope for clinical applicability of exercise or physical activity interventions;
2. Should be listed within the 10 greatest 2015 JCR impact factors in the exercise sciences (sports medicine) topics;
3. Should publish primary studies (e.g., Sports Medicine was not retrieved)

Journals eligibility for studies:

1. Exercise or physical activity programs as the primary intervention
2. Co-interventions to exercise/PA are eligible (e.g., dietary advice, behavioural therapy, educational resources)
3. Eligibility focused in parallel RCTs. Reports or studies other than parallel RCTs are NON-ELIGIBLE.