

Appendix 1. The complete search strategy

Risk of bias and methodological issues in randomized controlled trials of acupuncture for knee osteoarthritis: A cross-sectional study

Authors

PL Jia, L Tang, JJ Yu, AH Lee, X Zhou, DY Kang, YN Luo, JL Liu, X Sun

PubMed

#1 "Osteoarthritis, Knee"[Mesh]

#2 Knee Osteoarthritides[tw]

#3 Knee Osteoarthritis[tw]

#4 1 or 2 or 3

#5 "Osteoarthritis"[Mesh]

#6 Osteoarthritides[tw]

#7 Osteoarthrosis[tw]

#8 Osteoarthroses[tw]

#9 Degenerative Arthritides

#10 Degenerative Arthritis

#11 5 or 6 or 7 or 8 or 9 or 10

#12 Knee[Mesh]

#13 Knee[tw]

#14 knees[tw]

#15 12 or 13 or 14

#16 #11 and #15

17 4 or 16

#18 "Acupuncture"[Mesh]

#19 "Acupuncture Therapy"[Mesh]

#20 Acupuncture[tw]

#21 acupoint injection[tw]

#22 trigger point[tw]

#23 dry needling[tw]

#24 electroacupuncture[tw]

#25 electro-acupuncture[tw]

#26 filiform needle[tw]

#27 fire needle[tw]

#28 silver needle[tw]

#29 laser acupuncture[tw]

#30 ear acupuncture[tw]

#31 scalp acupuncture[tw]

#32 abdominal acupuncture [tw]

#33 body acupuncture [tw]

#34 18 or 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

#35 Randomized controlled trial[pt] OR Controlled clinical trial[pt] OR
Randomized[tiab] OR Placebo[tiab] OR Clinical Trials as Topic[Mesh] OR
Randomly[tiab] OR Trials[ti]

#36 17 and 34 and 35

#37 limited to English

Embase

- #1 Clinical trial/
- #2 Randomized controlled trial/
- #3 Randomization/
- #4 Single blind procedure/
- #5 Double blind procedure/
- #6 Crossover procedure/
- #7 Placebo/
- #8 Randomized controlled trial\$.tw.
- #9 Rct.tw.
- #10 Random allocation.tw.
- #11 Randomly allocated.tw.)
- #12 Allocated randomly.tw.
- #13 (allocated adj2 random).tw.
- #14 Single blind\$.tw.
- #15 Double blind\$.tw.
- #16 ((treble or triple) adj blind\$.tw.
- #17 Placebo\$.tw.
- #18 Prospective study/
- #19 or/1-18
- #20 Case study/
- #21 Case report.tw.
- #22 Abstract report/ or letter/
- #23 or/20-22
- #24 19 not 23

- #25 Osteoarthritis, Knee.mp. or exp knee osteoarthritis/
- #26 knee osteoarthritis.mp. or exp knee osteoarthritis/
- #27 Knee Osteoarthritis.tw.
- #28 exp knee osteoarthritis/ or osteoarthritis.mp.
- #29 Osteoarthrosis.tw.
- #30 Osteoarthroses.tw.
- #31 Degenerative Arthritides.tw.
- #32 Degenerative Arthritis.tw.
- #33 Knee.mp. or exp knee/ or exp knee arthritis/
- #34 (knees or Knee).tw.
- #35 28 or 29 or 30 or 31 or 32
- #36 33 or 34
- #37 35 and 36
- #38 25 or 26 or 27
- #39 37 or 38
- #40 24 and 39

- #41 exp acupuncture analgesia/ or Acupuncture.mp. or exp acupuncture/ or exp
acupuncture needle/
- #42 Acupuncture Therapy.mp. or acupuncture/
- #43 Acupuncture.tw.
- #44 exp electroacupuncture/ or exp acupuncture/ or acupoint injection.mp.
- #45 exp acupuncture/ or trigger point.mp. or exp trigger point/
- #46 exp trigger point/ or dry needling.mp.

- #47 electroacupuncture.mp. or exp acupuncture/ or exp electroacupuncture/
- #48 exp acupuncture/ or exp electroacupuncture/ or electro-acupuncture.mp.
- #49 exp acupuncture analgesia/ or exp electroacupuncture/ or exp acupuncture/ or filiform needle.mp. or exp needle/
- #50 exp acupuncture/ or fire needle.mp.
- #51 exp needle/ or exp acupuncture/ or silver needle.mp.
- #52 (acupoint injection or trigger point or dry needling or electroacupuncture or electro-acupuncture or filiform needle or fire needle or silver needle, laser acupuncture, ear acupuncture, scalp acupuncture, body acupuncture, abdominal acupuncture).tw.
- #53 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51
- #54 52 or 53

- #55 40 and 54
- #56 limited to English

Cochrane Central Register of Controlled Trials

#1 Osteoarthritis, Knee.mp. or exp Osteoarthritis, Knee/

#2 knee osteoarthritis.mp. or exp Osteoarthritis, Knee/

#3 Knee Osteoarthritis.tw.

#4 1 or 2 or 3

#5 Osteoarthritis.mp. or Osteoarthritis/ or exp Osteoarthritis, Knee/

#6 (Osteoarthritides or Osteoarthrosis or Osteoarthroses or Degenerative Arthritides or Degenerative Arthritis).tw.

#7 exp Osteoarthritis, Knee/ or exp Knee/ or Knee.mp.

#8 (Knee or knee).tw.

#9 5 or 6

#10 7 or 8

#11 9 and 10

#12 4 or 11

#13 exp Acupuncture Analgesia/ or exp Acupuncture Therapy/ or exp Acupuncture/ or exp Acupuncture, Ear/ or Acupuncture.mp.

#14 Acupuncture Therapy.mp. or exp Acupuncture Therapy/

#15 (acupuncture or acupoint injection or trigger point or dry needling or electroacupuncture or electro-acupuncture or filiform needle or fire needle or silver needle, laser acupuncture, ear acupuncture, scalp acupuncture, body acupuncture, abdominal acupuncture).tw.

#16 13 or 14 or 15

#17 12 and 16

#18 limited to English

Chinese Biomedical Database (CBM)

- #1 关节炎[主题词]
- #2 关节炎 [题目或摘要]
- #3 1 or 2
- #4 膝[主题词]
- #5 膝[题目或摘要]
- #6 4 or5
- #7 3 and 6
- #8 关节炎，膝[主题词]
- #9 7 and 8

- #10 针刺[主题词]
- #11 针刺 [题目或摘要]
- #12 穴位注射 [题目或摘要]
- #13 激痛点 [题目或摘要]
- #14 干针 [题目或摘要]
- #15 电针 [主题词]
- #16 电针 [题目或摘要]
- #17 毫针 [主题词]
- #18 毫针 [题目或摘要]
- #19 火针疗法 [主题词]
- #20 火针 [题目或摘要]
- #21 银针[题目或摘要]
- #22 激光针 [主题词]
- #23 激光针 [题目或摘要]
- #24 耳针[主题词]
- #25 耳针 [题目或摘要]
- #26 头针 [主题词]
- #27 头针 [题目或摘要]
- #28 体针[题目或摘要]
- #28 腹针[题目或摘要]
- #29 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 or 23 or 24 or 25 or 26 or 27 or28

#30 随机对照试验[主题词] or 随机[题目或摘要] or 对照[题目或摘要] or 试验[题目或摘要] or 安慰剂[题目或摘要] or 盲法[题目或摘要]

#30 9 and 29 and 30

China National Knowledge Infrastructure (CNKI)

(主题=针刺 or 题名=针刺 or 摘要=针刺 or 题名=穴位注射 or 摘要=穴位注射 or 题名=干针 or 摘要=干针 or 题名=激痛点 or 摘要=激痛点 or 主题=电针 or 题名=电针 or 摘要=电针 or 主题=毫针 or 题名=毫针 or 摘要=毫针 or 主题=火针 or 题名=火针 or 摘要=火针 or 题名=银针 or 摘要=银针 or 主题=激光针 or 题名=激光针 or 摘要=激光针 or 主题=耳针 or 题名=耳针 or 摘要=耳针 or 题名=头针 or 摘要=头针 or 题名=体针 or 摘要=体针 or 题名=腹针 or 摘要=腹针) and (主题=随机对照试验 or 题名=随机对照试验 or 摘要=随机对照试验 or 题名=随机 or 摘要=随机 or 题名=对照 or 摘要=对照 or 题名=试验 or 摘要=试验 or 题名=盲法 or 摘要=盲法 or 题名=安慰剂 or 摘要=安慰剂) and (主题=膝骨关节炎 or 题名=膝骨关节炎 or 摘要=膝骨关节炎 or 关键词=膝骨关节炎)

Wanfang

(主题=针刺 or 题名或关键词=针刺 or 摘要=针刺 or 题名或关键词=穴位注射 or 摘要=穴位注射 or 题名或关键词=干针 or 摘要=干针 or 题名或关键词=激痛点 or 摘要=激痛点 or 主题=电针 or 题名或关键词=电针 or 摘要=电针 or 主题=毫针 or 题名或关键词=毫针 or 摘要=毫针 or 主题=火针 or 题名或关键词=火针 or 摘要=火针 or 题名或关键词=银针 or 摘要=银针 or 主题=激光针 or 题名或关键词=激光针 or 摘要=激光针 or 主题=耳针 or 题名或关键词=耳针 or 摘要=耳针 or 题名或关键词=头针 or 摘要=头针 or 题名或关键词=体针 or 摘要=体针 or 题名或关键词=腹针 or 摘要=腹针) and (主题=随机对照试验 or 题名或关键词=随机对照试验 or 摘要=随机对照试验 or 题名=随机 or 摘要或关键词=随机 or 题名=对照 or 摘要或关键词=对照 or 题名=试验 or 摘要或关键词=试验 or 题名=盲法 or 摘要或关键词=盲法 or 题名=安慰剂 or 摘要或关键词=安慰剂) and (主题=膝骨关节炎 or 题名或关键词=膝骨关节炎 or 摘要=膝骨关节炎 or 关键词或关键词=膝骨关节炎)

VIP

(题名或关键词=针刺 or 摘要=针刺 or 题名或关键词=穴位注射 or 摘要=穴位注射 or 题名或关键词=干针 or 摘要=干针 or 题名或关键词=激痛点 or 摘要=激痛点 or 题名或关键词=电针 or 摘要=电针 or 题名或关键词=毫针 or 摘要=毫针 or 题名或关键词=火针 or 摘要=火针 or 题名或关键词=银针 or 摘要=银针 or 题名或关键词=激光针 or 摘要=激光针 or 题名或关键词=耳针 or 摘要=耳针 or 题名或关键词=头针 or 摘要=头针 or 题名或关键词=体针 or 摘要=体针 or 题名或关键词=腹针 or 摘要=腹针) and (题名或关键词=随机对照试验 or 摘要=随机对照试验 or 题名=随机 or 摘要或关键词=随机 or 题名=对照 or 摘要或关键词=对照 or 题名=试验 or 摘要或关键词=试验 or 题名=盲法 or 摘要或关键词=盲法 or 题名=安慰剂 or 摘要或关键词=安慰剂) and (题名或关键词=膝骨关节炎 or 摘要=膝骨关节炎 or 题名或关键词=膝骨关节炎)