

Appendix box 1 Ovid search strategy

#1 exp kashin-beck disease/
#2 kashin-beck disease.tw.
#3 kashin-bek disease.tw.
#4 big bone disease.tw.
#5 endemic osteoarthritis.tw.
#6 Urov disease.tw.
#7 1 or 2 or 3 or 4 or 5 or 6
#8 sodium selenite.tw.
#9 selenium .tw.
#10 Se salt.tw.
#11 enriched yeast
#12 8 or 9 or 10 or 11
#13 7 AND 12
#14 randomized controlled trial.pt.
#15 controlled clinical trial.pt.
#16 randmoized.ab.
#17 placebo.ab.
#18 randomly.ab.
#19 trial.ab.
#20 groups.ab.
#21 14 or 15 or 16 or 17 or 18 or 19 or 20
#22 13 and 21
#23 limit #22 to human