

Table SI. Search strategy of PubMed.

#1	'Rotator Cuff Injuries'(MeSH)
#2	'Shoulder Pain'(MeSH)
#3	'Shoulder Impingement Syndrome'(MeSH)
#4	'rotator cuff'(Title/Abstract)
#5	'shoulder tendinopathy'(Title/Abstract)
#6	'subacromial'(Title/Abstract)
#7	#1 OR #2 OR #3 OR #4 OR #5 OR #6
#8	'Manipulation, Osteopathic'(MeSH)
#9	'Musculoskeletal Manipulations'(MeSH)
#10	'Manipulation, Spinal'(MeSH)
#11	'Massage'(MeSH)
#12	'manual therapy'(Title/Abstract)
#13	'physical therapy'(Title/Abstract)
#14	'mobilize'(Title/Abstract)
#15	#8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14
#16	'Randomized Controlled Trial'(Publication Type)
#17	'Controlled Clinical Trial'(Publication Type)
#18	'Clinical Trials as Topic'(MeSH:noexp)
#19	'randomized'(Title/Abstract)
#20	'placebo'(Title/Abstract)
#21	'randomly'(Title/Abstract)
#22	'trial'(Title/Abstract)
#23	#16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22
#24	#7 AND #15 AND #23

The search terms of #1-6, #8-14, #16-22 were connected with 'OR' respectively, and then the three combinations were connected with 'AND' to search the target study.