**Table 1.** Search strategy for the electric database

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| Database | Search strategy |
| PubMed | #1 randomized controlled trial [PT]#2 controlled clinical trial [PT]#3 comparative study [PT]#4 randomized [tiab]#5 randomly [tiab]#6 trial [tiab]#7 prospectively [tiab]#8 retrospectively [tiab]#9 #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8#10 rotator cuff tear [tiab]#11 rotator cuff injury [tiab]#12 rotator cuff tendon repair [tiab]#13 #10 OR #11 OR #12#14 acromioclavicular joint [tiab]#15 distal clavicle resection [tiab]#16 #14 OR #15#17 #9 AND #13 AND #16 |
| EMBASE | (“Rotator cuff”/exp OR “rotator cuff”) AND (“injury” OR “injury”/exp OR injury OR “tear” OR “tear”/exp OR tear) AND (“acromioclavicular joint”/exp OR “acromioclavicular joint” OR “distal clavicle resection”) AND (randomized OR randomly ORretrospective) AND ([article]/lim OR [conference paper]/lim) AND [english]/lim AND [embase]/lim AND [<1966-2017]/py |
| Cochrane Library | (Rotator cuff tear OR rotator cuff injury) AND acromioclavicular joint |

PT = publication type; tiab = title/abstract