**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