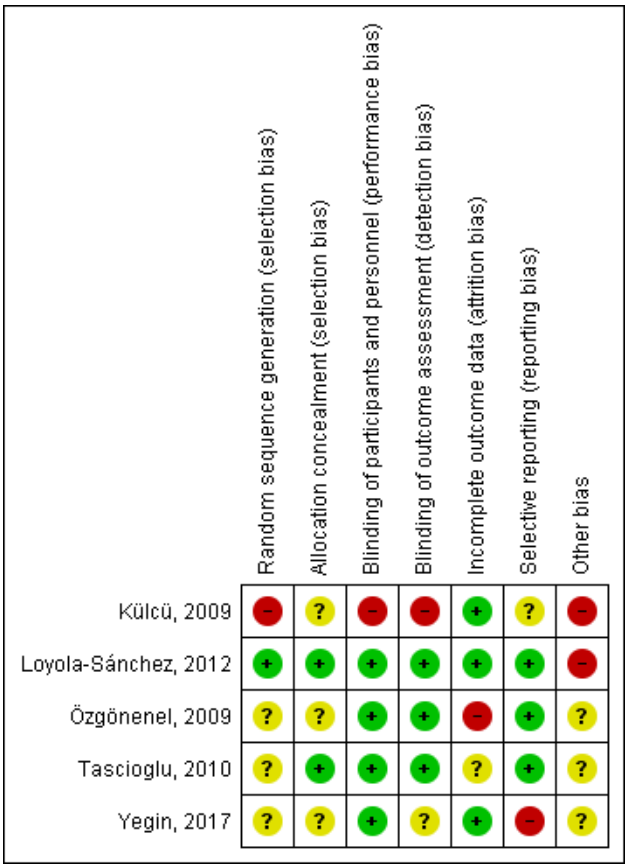
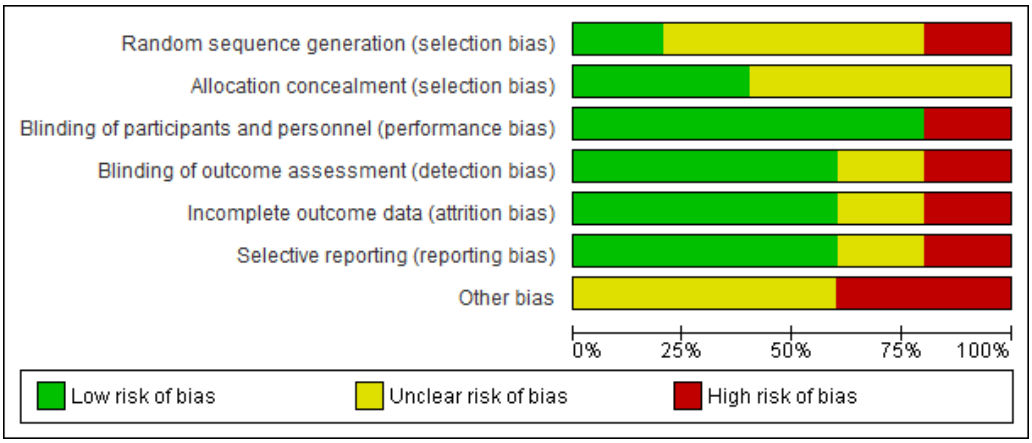
Supplementary File 1: Risk of Bias Assessments (A) and distribution (B) of included studies

A



B



Supplementary File 2: Systematic Search Strategy for MEDLINE; executed 5/7/2019

1. exp osteoarthritis/ or exp osteoarthritis, knee/ or exp osteoarthritis, hip/
2. gonarthrosis.mp.
3. coxarthrosis.mp.
4. osteoart$.mp. [mp=ti, ab, ot, nm, hw, fx, kf, ox, px, rx, ui, sy, sh, kw]
5. exp randomized controlled trials/
6. exp random allocation/
7. exp double-blind method/
8. exp single-blind method/
9. exp cross over studies/
10. exp clinical trial/
11. randomized controlled trial.pt.
12. controlled clinical trial.pt.
13. (random$ or rct).tw.
14. (clin$ adj25 trial$).tw.
15. clinical trial.pt.
16. multicenter study.pt.
17. ((singl$ or doubl$ or trebl$ or tripl$) adj (blind$ or mask$)).tw.
18. exp Comparative Study/
19. arthroscop$.ti.
20. arthroscop$.ab.
21. arthroscop$.hw.
22. arthroplasty.ti.
23. arthroplasty.ab.
24. arthroplasty.hw.
25. protocol.ti.
26. protocol.ab.
27. therapeutic ultrasound.mp. [mp=ti, ab, ot, nm, hw, fx, kf, ox, px, rx, ui, sy, sh, kw]
28. ultrasound.mp. [mp=ti, ab, ot, nm, hw, fx, kf, ox, px, rx, ui, sy, sh, kw]
29. diagnos$.mp. [mp=ti, ab, ot, nm, hw, fx, kf, ox, px, rx, ui, sy, sh, kw]
30. 1 or 2 or 3 or 4
31. 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18
32. 28 not 29
33. 27 or 32
34. 19 or 20 or 21
35. 22 or 23 or 24
36. 25 or 26
37. 30 and 31 and 33
38. 37 not 34
39. 38 not 35
40. 39 not 36
41. Limit 40 to humans
42. Remove duplicates from 41