Supplementary file

**Database: Medline**
1. “arthritis, Rheumatoid” [MeSH]
2. “arthritis Rheumat*”.tw.
3. “Caplan Syndrome”.tw
5. “Rheumatoid Nodule”.tw.
7. “Still’s Disease”.tw.
8. Or/1-7
9. Infliximab.t.w.
10. Remicade.t.w.
11. Inflectra.t.w.
12. adalimumab.t.w.
13. humira.t.w.
14. Etanercept.t.w.
15. Enbrel.t.w.
16. Golimumab.t.w.
17. Simponi.t.w.
18. Certolizumab.t.w.
19. Cimzia.t.w.
20. Tocilizumab.t.w.
21. Actemra.t.w.
22. Rituximab.t.w.
23. Mathera.t.w.
24. Rituxan.t.w.
25. Abatacept.t.w.
26. Oencia.t.w.
27. Anakinra.t.w.
28. Kinerei.t.w.
32. Exp Tumor Necrosis Factor-alpha/
33. anti-t nf.t.w.
34. anti-tumor necrosis factor alpha.t.w.
35. anti-tumour necrosis factor alpha.t.w.
37. Or/9-36
38. Exp ‘drug dose reduction’ /
40. “dose titrat*”.tw.
41. “dose reduc*”.tw.
42. “dose de-escalation”.tw.
43. Taper*.tw.
44. Spac*.tw.
45. Interval widen*.tw.
46. Or/38-45
47. ‘double blind Method’[mesh]
48. ‘single blind method’[mesh]
49. Random*.tw
50. Double blind
51. Single blind
52. “Randomized Controlled Trial”[Mesh]
53. “Randomized Controlled Trials (topic)”[MeSH]
54. Or/47-53
55. 8 and 37 and 46 and 54

**Database: EMBASE**
1. Exp arthritis, Rheumatoid/
2. “arthritis Rheumat*”.tw.
3. “Caplan Syndrome”.tw
5. “Rheumatoid Nodule”.tw.
7. “Still’s Disease”.tw.
8. Or/1-7
9. Exp Infliximab/
10. remicade.mp.
11. inflectra.mp.
12. Exp adalimumab/
13. humira.mp.
14. Exp Etanercept/
15. enbrel.mp.
16. Exp Golimumab/
17. simponi.mp.
18. Exp Certolizumab pegol /
19. cimzia.mp.
20. Exp Tocilizumab/
21. actemra.mp.
22. Exp Rituximab/
23. mathera.mp.
24. Rituxan.mp.
25. Exp Abatacept/
26. oencia.mp.
27. Exp ‘recombinant interleukin 1 receptor blocking agent’ /
28. kinerei.mp.
32. Exp Tumor Necrosis Factor-alpha/
33. anti-t nf.t.w.
34. anti-tumor necrosis factor alpha.t.w.
35. anti-tumour necrosis factor alpha.t.w.
37. Or/9-36
38. Exp ‘drug dose reduction’ /
40. “dose titrat*”.tw.
41. “dose reduc*”.tw.
42. “dose de-escalation”.tw.
43. Taper*.tw.
44. Spac*.tw.
45. Interval widen*.tw.
46. Or/38-45
47. ‘double blind Method’[mesh]
48. ‘single blind method’[mesh]
49. Random*.tw
50. Double blind
51. Single blind
52. “Randomized Controlled Trial”[Mesh]
53. “Randomized Controlled Trials (topic)”[MeSH]
54. Or/47-53
55. 8 and 37 and 46 and 54

**Database: Cochrane**
1. MeSH descriptor: [Arthritis, Rheumatoid] explode all trees
2. arthritis near/2 rheumat* (Word variations have been searched)
3. “Caplan Syndrome” (Word variations have been searched)
4. “rheumatoid arthritis” (Word variations have been searched)
5. “Felty syndrome” (Word variations have been searched)
6. “rheumatoid nodule” (Word variations have been searched)
7. “Sjögren’s syndrome” (Word variations have been searched)
8. “Still’s disease” (Word variations have been searched)
9. #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8
10. tnf inhibitors (Word variations have been searched)
11. tnf inhibitor (Word variations have been searched)
12. anti-tumour necrosis factor alpha (Word variations have been searched)
13. MeSH descriptor: [Tumor Necrosis Factor-alpha] explode all trees and with qualifier(s): [Administration & dosage - AD]
14. biologic* disease-modifying antirheumatic drugs (Word variations have been searched)
15. biologic* dmards or anti-tumor necrosis factor alpha (Word variations have been searched)
16. “tumor necrosis factor-alpha” (Word variations have been searched)
17. anti-tnf (Word variations have been searched)
18. “infliximab” (Word variations have been searched)
19. “Remicade” (Word variations have been searched)
20. inflectra (Word variations have been searched)
21. “adalimumab” (Word variations have been searched)
22. “Humira” (Word variations have been searched)
23. “etanercept” (Word variations have been searched)
24. “Enbrel” (Word variations have been searched)
25. golimumab (Word variations have been searched)
26. simponi (Word variations have been searched)
27. “certolizumab” (Word variations have been searched)
28. Cimzia (Word variations have been searched)
29. Tocilizumab (Word variations have been searched)
30. Actemra (Word variations have been searched)
31. “rituximab” (Word variations have been searched)
32. “Mabthera” (Word variations have been searched)
33. “Rituxan” (Word variations have been searched)
34. “abatacept” (Word variations have been searched)
35. “Orencia” (Word variations have been searched)
36. “Kineret” (Word variations have been searched)
37. “anakinra” (Word variations have been searched)
38. #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 or #32 or #33 or #34 or #35 or #36 or #37
39. down titrat* (Word variations have been searched)
40. dose titrat* (Word variations have been searched)
41. dose reduc* (Word variations have been searched)
42. dose de-escalation or taper* (Word variations have been searched)
43. Spac* (Word variations have been searched)
44. Interval widen* (Word variations have been searched)
45. #39 or #40 or #41 or #42 or #43 or #44
46. #9 and #38 and #45