

## Online supplementary text S1. Search strategy

### MEDLINE (OvidSP)

1. Exp Spondylitis Ankylosing/
2. bechterew\$ disease.tw.
3. bechtere\$.tw.
4. marie-struempell\$.tw. OR marie-strumpell.tw.
5. rheumatoid spondylitis.tw.
6. spondyl\$ ankylopoietica.tw.
7. ankylo\$ spondyl\$.tw.
8. Spin\$ Ankylosis.tw.
9. Vertebral Ankylosis.tw.
10. (1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9)
11. Co-morbidit\$.tw. OR comorbidit\$.tw.
12. extra-articular.tw. OR extraarticular.tw.
13. extra-spinal.tw. OR extraspinal.tw.
14. (11 OR 12 OR 13)
15. Exp Uveitis/
16. Uveiti\$.tw.
17. Exp Iritis/
18. Iritis.tw.
19. Exp Iridocyclitis/
20. Iridocyclitis.tw.
21. (15 OR 16 OR 17 OR 18 OR 19 OR 20)
22. Exp Psoriasis/
23. Psoria\*.tw.
24. (22 OR 23)
25. Exp Inflammatory bowel disease/
26. Inflammatory bowel disease.tw.
27. IBD.tw.
28. Crohn.tw.
29. Ulcerative Colitis.tw.
30. (25 OR 26 OR 27 OR 28 OR 29)
31. (14 OR 21 OR 24 OR 30)
32. (10) AND (31)

### Embase

1. Exp Spondylitis Ankylosing/
2. bechterew\$ disease.tw.
3. bechtere\$.tw.
4. marie-struempell\$.tw. OR marie-strumpell.tw.
5. rheumatoid spondylitis.tw.
6. spondyl\$ ankylopoietica.tw.
7. ankylo\$ spondyl\$.tw.
8. Spin\$ Ankylosis.tw.
9. Vertebral Ankylosis.tw.
10. (1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9)
11. Co-morbidit\$.tw. OR comorbidit\$.tw.
12. extra-articular.tw. OR extraarticular.tw.
13. extra-spinal.tw. OR extraspinal
14. (11 OR 12 OR 13)

15. Uveitis/
16. Uveiti\$.tw.
17. Iritis/
18. Iritis.tw.
19. Iridocyclitis/
20. Iridocyclitis.tw.
21. (15 OR 16 OR 17 OR 18 OR 19 OR 20)
22. Psoriasis/
23. Psoria\*.tw.
24. (22 OR 23)
25. Inflammatory bowel disease/
26. Inflammatory bowel disease.tw.
27. IBD.tw.
28. Crohn.tw.
29. Ulcerative Colitis.tw.
30. (25 OR 26 OR 27 OR 28 OR 29)
31. (10 AND (14 OR 21 OR 24 OR 30))

#### The Cochrane Library

1. MeSH descriptor Spondylitis, Ankylosing, this term only
2. ankylos\* next spondyl\*:ti,ab
3. (bekhterev\* or bechterew\*):ti,ab
4. marie-struempell\*:ti,ab
5. (#1 OR #2 OR #3 OR #4)
6. MeSH descriptor Uveitis explode all trees
7. uveitis\*:ti,ab
8. Panuveitis:ti,ab
9. Iridocycliti\*:ti,ab
10. (Iritis or iritides):ti,ab
11. (#6 OR #7 OR #8 OR #9 OR #10)
12. MeSH descriptor Psoriasis explode all trees
13. (psorias?s or psoriatic):ti,ab
14. (#12 OR #13)
15. MeSH descriptor Inflammatory Bowel Diseases explode all trees
16. "Inflammatory bowel disease\*":ti,ab
17. ibd:ti,ab
18. Crohn\* next disease:ti,ab
19. Ileocolitis:ti,ab
20. ((terminal or regional) next ileitis):ti,ab
21. ((granulomatous or regional) next enteritis):ti,ab
22. ((granulomatous or ulcerative) next colitis):ti,ab
23. (#15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22)
24. (#5 AND (#11 OR #14 OR # 23))