

Supplementary file 1: Full search strategy from Medline Ovid

1. ultramarathon*.ti,ab.
2. ultra-marathon*.ti,ab.
3. ultra-distance run*.ti,ab.
4. Marathon Running/
5. ultradistance run*.ti,ab.
6. ultra-endurance run*.ti,ab.
7. ultraendurance run*.ti,ab.
8. ultra run*.ti,ab.
9. ultrarun*.ti,ab.
10. endurance run*.ti,ab.
11. ultra-endurance athlete*.ti,ab.
12. ultraendurance athlete*.ti,ab.
13. ultra-distance athlete*.ti,ab.
14. ultradistance athlete*.ti,ab.
15. marathon*.ti,ab.
16. ironman*.ti,ab.
17. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16
18. NSAID*.ti,ab.
19. ibuprofen*.ti,ab.
20. non-steroidal anti-inflammatory*.ti,ab.
21. Anti-Inflammatory Agents, Non-Steroidal/
22. naproxen*.ti,ab.
23. diclofenac*.ti,ab.
24. advil*.ti,ab.
25. analges*.ti,ab.
26. 18 or 19 or 20 or 21 or 22 or 23 or 25
27. 17 and 26