

Online supplementary appendix 1. Search strategy

| MEDLINE and EMBASE (Ovid) | CINAHL (EBSCO) | Cochrane Library |
|--|---|---|
| 1. exp FOOT ORTHOSES/ | 1. MH "Foot orthoses+ | 1. MeSH Fasciitis, Plantar exp |
| 2. exp ORTHOTIC DEVICES/ | 2. MH orthoses+ | 2. MeSH Heel Spur exp |
| 3. (CUSTOM* or PRE?FABRICATED or SHOE or FOOT) adj3 (ORTHOS* or ORTHOTIC* or INSOLE) | 3. (Custom* or prefabricated or pre-fabricated or shoe* or foot) N3 (orthos* or orthotic* or insole*) | 3. "plantar fasci*" |
| 4. #1 or #2 or #3 | 4. #1 or #2 or #3 | 4. (plantar or heel or calcane*) near pain* |
| 5. exp FASCIITIS, PLANTAR/ | 5. MH "plantar fasciitis+ | 5. (spur* or enthes* or periostitis*) near calcane* |
| 6. exp HEEL SPUR/ | 6. MH "foot diseases+" | 6. #1 or #2 or #3 or #4 or #5 |
| 7. PLANTAR FASCI* | 7. MH "heel spur+" | 7. MeSH Foot Orthoses exp |
| 8. (PLANTAR or HEEL or CALCANE*) adj2 PAIN* | 8. MH calcaneus+ | 8. MeSH Orthotic Devices exp |
| 9. (SPUR* or ENTHES* or PERIOSTITIS) adj2 CALCANE* | 9. plantar fasci* | 9. (custom* or pre-fabricated or shoe or foot) near (orthos* or orthotic* or insole*) |
| 10. #5 or #6 or #7 or #8 or #9 | 10. (plantar or heel or calcane* or foot) N2 pain* | 10. #7 or #8 or #9 |
| 11. #4 and #10 | 11. (spur* enthes* or periostitis) N2 calcane* | 11. #6 and #10 |
| 12. Limit #11 to Human | 12. #5 or #6 or #7 or #8 or #9 or #10 or # 11 | |
| | 13. #4 and #12 | |
| | 14. Limit #13 to Human | |

Abbreviations: exp, explode; MH, major heading; MeSH, medical subject headings.

Note. English language restrictions were applied to all searches.