

Appendix 1

Search strategy for Cochrane Library (Cochrane Database of Systematic Reviews, Cochrane Central Register of Controlled Trials (CENTRAL), Cochrane Methodology Register), MEDLINE, EMBASE, AMED

1. helminths.mp. or exp helminth/
2. *ascariasis/ or exp Ascaris lumbricoides/ or exp helminthiasis/ or geohelminth.mp.
3. exp parasite/ or parasite.mp.
4. worm.mp. or exp worm/
5. Enterobius vermicularis.mp. or exp Enterobius vermicularis/
6. Ascaris lumbricoides.mp. or exp Ascaris lumbricoides/
7. Trichuris trichiura.mp. or trichuriasis/ or exp Trichuris trichiura/ or Trichuris/
8. Ancylostoma duodenale.mp. or exp Ancylostoma duodenale/
9. Necator americanus.mp. or exp Necator americanus/
10. strongyloidiasis/ or exp Strongyloides stercoralis/ or Stroglyoides stercoralis.mp.
11. Hymenolepis nana.mp. or exp Hymenolepis nana/
12. Schistosoma mansoni.mp. or exp Schistosoma mansoni/
13. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12
14. exp asthma/ or asthma.mp.
15. wheez*.mp. or exp wheezing/
16. exp allergic rhinitis/ or rhinit*.mp. or exp rhinitis/
17. eczema.mp. or exp eczema/
18. atopic eczema.mp. or exp atopic dermatitis/
19. exp atopic dermatitis/ or exp dermatitis/ or dermatitis.mp.
20. atopy.mp. or exp atopy/
21. allergy.mp. or exp allergy/
22. allerg*.mp.
23. allergic disease.mp. or exp allergic disease/
24. exp hypersensitivity/ or hypersensitivity.mp.
25. immunoglobulin E/ or sensitization/ or allergic sensitization.mp.
26. atopic sensitization.mp.
27. 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
28. exp Epidemiologic Methods/
29. *cohort studies/ or cohort.ti,ab.
30. (longitudinal or prospective).ti,ab.
31. *case-control studies/
32. Control groups/ or control group*.ti,ab.
33. Matched-pair analysis/
34. (case* adj5 control*).ti,ab.

35. (case* adj3 comparison*).ti,ab.
36. (case* adj3 referen*).mp.
37. (case* adj1 base).mp.
38. (case* adj1 cohort).mp.
39. exp cross-sectional studies/ or cross-sectional.ti,ab.
40. 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39
41. 13 and 27 and 40
42. limit 41 to yr="1970 -Current"

Search strategy for ISI Web of Science (Science and Social Science Index), Google Scholar, WHO Global Health Library, CINAHL, IndMed, PakMediNet, KoreaMed, African Index Medicus.

(geohelminths or helminths or parasites or worms or helminthiasis) AND ((asthma or bronchial asthma or wheeze or wheezing) OR (rhinitis or allergic rhinitis) OR (eczema or atopic eczema or dermatitis or atopic dermatitis) OR (atopy or allergy or allergic disease or hypersensitivity))