

Appendix 1 (as supplied by the authors): Strategy for search of MEDLINE and EMBASE databases for clinical trials of pneumococcal polysaccharide vaccines

1. randomized controlled trial.pt. (234701)
2. controlled clinical trial.pt. (74869)
3. Randomized Controlled Trials/ (166126)
4. random allocation/ (80046)
5. double blind method/ (154929)
6. single blind method/ (17459)
7. 1 or 2 or 3 or 4 or 5 or 6 (556578)
8. human/ (15392670)
9. human/ and animal/ (986393)
10. 8 or 9 (15392670)
11. 7 and 10 (521099)
12. clinical trial.pt. (435563)
13. exp Clinical Trials/ (623407)
14. (clin\$ adj trial\$.ti. (45920)
15. (clin\$ adj trial\$.ab. (176431)
16. ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).mp. [mp=ti, ab, sh, hw, tn, ot, dm, mf, nm] (227933)
17. ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).ti. or ((singl\$ or doubl\$ or trebl\$ or tripl\$) adj (blind\$ or mask\$)).ab. (172551)
18. placebos/ (124059)
19. placebo\$.ti. or placebo\$.ab. or random\$.ti. or random\$.ab. (796966)
20. research design/ (448484)
21. 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 (1554624)
22. 21 and 10 (1368298)
23. comparative study/ (91167)
24. exp evaluation studies/ (644633)
25. follow up studies/ (558974)
26. prospective studies/ (284951)
27. (control\$ or prospectiv\$ or volunteer\$).mp. [mp=ti, ab, sh, hw, tn, ot, dm, mf, nm] (5438360)
28. (control\$ or prospectiv\$ or volunteer\$).ti. or (control\$ or prospectiv\$ or volunteer\$).ab. (3311404)
29. 23 or 24 or 25 or 26 or 27 (6255716)
30. 29 and 10 (4073089)
31. 11 or 22 or 30 (4470212)
32. pneumococcal vaccine.mp. (2597)
33. pneumococcal immunisation.mp. (32)
34. polysaccharide.mp. (40778)
35. 32 or 33 (2624)
36. 34 and 35 (746)
37. 36 and 31 (382)
38. random\$.ti,ab. (705136)
39. factorial\$.ti,ab. (15745)
40. (crossover\$ or cross over\$ or cross-over\$).ti,ab. (74472)
41. placebo\$.ti,ab. (200056)
42. (doubl\$ adj blind\$).ti,ab. (157106)
43. (singl\$ adj blind\$).ti,ab. (13395)
44. assign\$.ti,ab. (204702)
45. allocat\$.ti,ab. (63987)
46. volunteer\$.ti,ab. (188138)
47. CROSSOVER PROCEDURE.sh. (18585)
48. DOUBLE-BLIND PROCEDURE.sh. (63789)
49. RANDOMIZED CONTROLLED TRIAL.sh. (117662)
50. SINGLE-BLIND PROCEDURE.sh. (6559)
51. or/38-50 (1180810)
52. exp ANIMAL/ or NONHUMAN/ or exp ANIMAL EXPERIMENT/ (16037378)
53. exp HUMAN/ (15454370)
54. 53 and 52 (10175296)
55. 52 not 54 (5862082)
56. 51 not 55 (1036946)
57. 56 and 36 (175)
58. 57 or 37 (409)
59. remove duplicates from 58 (269)
60. from 59 keep 1-269 (269)