Appendix 1. Search strategies

**MEDLINE (via Ovid)**

1. (adverse drug adj2 (event$ or reaction$)).tw.
2. exp "Drug-Related Side Effects and Adverse Reactions"/ or adverse drug outcome.mp.
3. ((medic$ or drug) adj1 related problem).tw.
4. drug induced problem$.mp.
5. 1 or 2 or 3 or 4
6. hospital*.mp.
7. exp Hospitalization/ or hospitalization.mp.
8. exp Patient Admission/ or admission.mp.
9. exp Patient Readmission/ or re admission.mp.
10. re hospitalization.mp.
11. inpatient.mp. or exp Inpatients/
12. 6 or 7 or 8 or 9 or 10 or 11
13. review.pt.
14. systematic review.mp.
15. overview.mp.
16. 13 or 14 or 15
17. 5 and 12 and 16
18. exp Child/ not adult/
19. 17 not 18
20. limit 19 to yr= "1995 -Current"

**Cochrane Database of Systematic Reviews and Cochrane Database of Reviews of Effects (via Wiley)**

#1 (adverse drug near2 (event* or reaction*)):ti,ab,kw (Word variations have been searched)
#2 MeSH descriptor: [Drug-Related Side Effects and Adverse Reactions] explode all trees
#3 (adverse drug n/2 outcome):ti,ab,kw (Word variations have been searched)
#4 (drug induced near2 problem*):ti,ab,kw
#5 (drug related near2 problem*):ti,ab,kw
#6 #1 or #2 or #3 or #4 or #5
#7 MeSH descriptor: [Hospitalization] this term only
#8 MeSH descriptor: [Patient Admission] this term only
#9 MeSH descriptor: [Patient Readmission] this term only
#10 MeSH descriptor: [Inpatients] explode all trees
#11 (hospitalization or hospitalisation):ti,ab,kw (Word variations have been searched)
#12 (readmission or re admission):ti,ab,kw (Word variations have been searched)
#13 (admission* or inpatient*):ti,ab,kw (Word variations have been searched)
#14 #7 or #8 or #9 or #10 or #11 or #12 or #13
#15 #6 and #14