

Appendix 1: Search Strategy

Sources to be searched:

MEDLINE and MEDLINE In process
EMBASE
Cochrane Database of Systematic Reviews (CDSR)
Database of Abstracts of Reviews of Effects (DARE)

2000 onwards
All study types
English language only
Human only
Single search strategy used to cover all guideline sections

Searches for guidelines (in search order)

MEDLINE and MEDLINE In Process

Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R)
<1950 to Present>

Searched via Ovid interface 03/02/09

- 1 exp Pneumonia/ (59061)
- 2 exp Pneumonia, Bacterial/ (12548)
- 3 pneumoni\$.ti,ab. (93895)
- 4 bronchopneumoni\$.ti,ab. (2480)
- 5 pleuropneumoni\$.ti,ab. (1942)
- 6 exp Respiratory Tract Infections/ (233912)
- 7 (lower respiratory adj3 infection\$).ti,ab. (3958)
- 8 1 or 2 or 3 or 4 or 5 or 6 or 7 (289474)
- 9 exp Ambulatory Care/ (38374)
- 10 outpatient\$.ti,ab. (75586)
- 11 ambulatory.ti,ab. (46196)
- 12 Community-Acquired Infections/ (6335)
- 13 (commun\$ adj3 acquir\$).ti,ab. (8442)
- 14 exp Family Practice/ (53901)
- 15 "emergency room".ti,ab. (7730)
- 16 9 or 10 or 11 or 12 or 13 or 14 or 15 (201181)
- 17 8 and 16 (11422)
- 18 exp Pediatrics/ (33505)
- 19 (pediatric\$ or paediatric\$).ti,ab. (142562)
- 20 exp Child/ (1252259)
- 21 exp Infant/ (774375)
- 22 exp Child, Preschool/ (609315)
- 23 exp Adolescent/ (1256580)
- 24 (child\$ or infant\$ or boy\$ or girl\$ or toddler\$ or adolescen\$ or pre-school\$ or preschool\$ or teenage\$ or youth\$).ti,ab. (1045471)
- 25 18 or 19 or 20 or 21 or 22 or 23 or 24 (2504020)
- 26 25 and 17 (4000)
- 27 limit 26 to yr="2000 - 2009" (2155)

28 limit 27 to english language (1788)

EMBASE

Database: EMBASE <1980 to 2009 Week 5>

Searched via Ovid interface 03/02/09

- 1 exp Pneumonia/ (83858)
- 2 exp Bacterial Pneumonia/ (4709)
- 3 pneumoni\$.ti,ab. (73858)
- 4 bronchopneumoni\$.ti,ab. (1507)
- 5 pleuropneumoni\$.ti,ab. (916)
- 6 exp Lower Respiratory Tract Infection/ (60037)
- 7 (lower respiratory adj3 infection\$).ti,ab. (3828)
- 8 1 or 2 or 3 or 4 or 5 or 6 or 7 (152142)
- 9 exp Ambulatory Care/ (12331)
- 10 outpatient\$.ti,ab. (65380)
- 11 ambulatory.ti,ab. (35969)
- 12 (commun\$ adj3 acquir\$).ti,ab. (8151)
- 13 exp General Practice/ (22748)
- 14 "emergency room".ti,ab. (6257)
- 15 9 or 10 or 11 or 12 or 13 or 14 (136787)
- 16 8 and 15 (7939)
- 17 exp Pediatrics/ (28273)
- 18 (pediatric\$ or paediatric\$).ti,ab. (118140)
- 19 exp Child/ (628521)
- 20 exp Infant/ (173469)
- 21 exp Child, Preschool/ (104929)
- 22 exp Adolescent/ (437373)
- 23 (child\$ or infant\$ or boy\$ or girl\$ or toddler\$ or adolescen\$ or pre-school\$ or preschool\$ or teenage\$ or youth\$).ti,ab. (699906)
- 24 17 or 18 or 19 or 20 or 21 or 22 or 23 (1123738)
- 25 24 and 16 (1891)
- 26 limit 25 to yr="2000 - 2009" (1237)
- 27 limit 26 to english language (1054)

Cochrane Database of Systematic Reviews (CDSR)

Database of Abstracts of Reviews of Effects (DARE)

Both searched via Cochrane Library 03/02/09

http://www.mrw.interscience.wiley.com/cochrane/cochrane_search_fs.html

- #1 MeSH descriptor Pneumonia explode all trees 2084
- #2 MeSH descriptor Pneumonia, Bacterial explode all trees 576
- #3 pneumoni*:ti,ab 3944
- #4 bronchopneumoni*:ti,ab 89
- #5 pleuropneumoni*:ti,ab 1
- #6 MeSH descriptor Respiratory Tract Infections explode all trees 7876
- #7 ((lower respiratory) NEAR infection*):ti,ab 944
- #8 (#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7) 10498
- #9 MeSH descriptor Ambulatory Care explode all trees 3288
- #10 outpatient*:ti,ab 12363

#11 ambulatory:ti,ab 5572
 #12 MeSH descriptor Community-Acquired Infections, this term only 428
 #13 (commun* NEAR acquir*):ti,ab 723
 #14 MeSH descriptor Family Practice explode all trees 2017
 #15 emergency room:ti,ab 620
 #16 (#9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15) 21703
 #17 (#8 AND #16) 1161
 #18 MeSH descriptor Pediatrics explode all trees 409
 #19 (pediatric* or paediatric*):ti,ab 7412
 #20 MeSH descriptor Child explode all trees 0
 #21 MeSH descriptor Infant explode all trees 10246
 #22 MeSH descriptor Child, Preschool explode all trees 0
 #23 MeSH descriptor Adolescent explode all trees 60024
 #24 (child* or infant* or boy* or girl* or toddler* or adolescen* or pre-school* or preschool* or teenage* or youth*):ti,ab 51439
 #25 (#18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24) 104464
 #26 (#17 AND #25) 411
 #27 <nothing>, from 2000 to 2009 260235
 #28 (#26 AND #27) 189

Of the 189 total results for the entire Cochrane Library 12 were from CDSR and 1 from DARE.

Total Results

Source	Records	After de-duplication	Custom 4 field
MEDLINE and MEDLINE In Process	1788	1779	MEDLINE 03/02/09
EMBASE	1054	291	EMBASE 03/02/09
CDSR	12	5	CDSR 03/02/09
DARE	1	1	DARE 03/02/09
Total	2855	2076	

2076 results saved to a compressed Endnote X1 library (bts cap children search.enlx). Custom 4 field of each record marked as in above table to show source.