

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Acute Respiratory Illness in Immunocompetent Patients**

Literature Search Performed on: 9/29/2016

Beginning Date: January 2011

End Date: August 2016

Database: Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>

Search Strategy:

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1  acute chest syndrome.mp. (854)
2  mass chest x-ray.mp. (1945)
3  pneumonia.mp. (129875)
4  prediction rule.mp. (1143)
5  1 and 2 and 3 and 4 (1)
6  Cough/di, et, ra [Diagnosis, Etiology, Radiography] (5528)
7  Physical Examination/ (37239)
8  Pneumonia/di, ra [Diagnosis, Radiography] (8010)
9  6 and 7 and 8 (11)
10 5 or 9 (12)
11 *Disease Progression/ (4647)
12 *Prognosis/ (1818)
13 *Diagnosis/ (13262)
14 *Retrospective Studies/ (385)
15 *Follow-Up Studies/ (529)
16 exp Pneumonia/di, ra [Diagnosis, Radiography] (17888)
17 Severe Acute Respiratory Syndrome/ (4369)
18 exp Diagnostic Imaging/ (1948406)
19 respiratory illness.mp. (3866)
20 11 or 12 or 13 or 14 or 15 or 18 (1966931)
21 16 or 17 or 19 (25936)
22 20 and 21 (3279)
23 limit 22 to (abstracts and english language and yr="2011 -Current") (522)
24 limit 23 to "all child (0 to 18 years)" (130)
25 23 not 24 (392)
26 limit 25 to case reports (172)
27 25 not 26 (220)
28 limit 27 to "review" (30)
29 27 not 28 (190)
30 10 or 29 (201)
31 remove duplicates from 30 (195)

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### Literature Search Summary

Of the 19 citations in the original bibliography, 14 were retained in the final document.

A literature search was conducted in August 2016 to identify additional evidence published since the *ACR Appropriateness Criteria® Acute Respiratory Illness in Immunocompetent Patients* topic was finalized. Using the search strategy described above, 195 unique articles were found. Eleven articles were added to the bibliography. The remaining articles were not used due to either poor study design, the articles were not relevant or generalizable to the topic, or the results were unclear or biased.

The author added 14 citations from bibliographies, websites, or books that were not found in the literature search, including 9 articles outside of the search date range.

Two citations are supporting documents that were added by staff.