

Literature Search

ACR Appropriateness Criteria® Acute Respiratory Illness in Immunocompromised Patients

Literature Search Performed on: 8/23/2013

Beginning date: January 2008

End date: July 2013

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

Search Strategy:

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- 1 Pneumonia, Staphylococcal/ or Pneumonia, Viral/ or Pneumonia/ or Pneumonia, Bacterial/ or Pneumonia, Pneumocystis/ (58242)
 - 2 Bronchopneumonia/ (3772)
 - 3 Pulmonary Aspergillosis/ (421)
 - 4 Lung Diseases/ (60072)
 - 5 Opportunistic Infections/ (10564)
 - 6 Severe Acute Respiratory Syndrome/ (4425)
 - 7 Tuberculosis, Pulmonary/ (66264)
 - 8 Mycobacterium Infections, Nontuberculous/ (4695)
 - 9 Pneumonia, Viral/ (4622)
 - 10 Candidiasis/ (18903)
 - 11 Cryptococcosis/ (6391)
 - 12 Mucormycosis/ (2775)
 - 13 Histoplasmosis/ (5315)
 - 14 Cytomegalovirus Infections/ (20635)
 - 15 Respiratory Tract Infections/ (31471)
 - 16 Pneumocystis jirovecii/ (819)
 - 17 Nocardia Infections/ (2856)
 - 18 Legionnaires' Disease/ (4248)
 - 19 Immunocompromised Host/ (15093)
 - 20 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 (280835)
 - 21 19 and 20 (4629)
 - 22 exp diagnostic imaging/ (1727731)
 - 23 Biopsy, Needle/ or Transthoracic needle biopsy.mp. (43829)
 - 24 21 and (22 or 23) (431)
 - 25 limit 24 to "all adult (19 plus years)" (318)
 - 26 limit 24 to (guideline or meta analysis or practice guideline) (0)
 - 27 limit 25 to (abstracts and english language and humans and yr="2008 -Current") (82)
 - 28 limit 27 to case reports (47)
 - 29 27 not 28 (35)
 - 30 remove duplicates from 29 (30)

Notes:

exp = explode (retrieves results using the selected term and all of its more specific terms)

.mp = multi-purpose (retrieves results that have this keyword in several fields)

Literature Search Summary

Of the 46 citations in the original bibliography, 24 were retained in the final document. Articles were removed from the original bibliography if they were more than 10 years old and did not contribute to the evidence or they were no longer cited in the revised narrative text.

A new literature search was conducted in August 2013 to identify additional evidence published since the *ACR Appropriateness Criteria® Acute Respiratory Illness in Immunocompromised Patients* topic was finalized. Using the search strategy described above, 30 articles were found. Fifteen articles were added to the bibliography.

Fifteen articles were not used due to either poor study design, the articles were not relevant or generalizable to the topic, the results were unclear, misinterpreted, or biased, or the articles were already cited in the original bibliography.

The author added 14 citations from bibliographies, websites, or books that were not found in the new literature search.