

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

Literature Search Performed on: 10/18/2023

Beginning Date: January 2005

End Date: September 2023

Database: Ovid MEDLINE(R) ALL <1946 to October 12, 2023>

**Search Strategy**

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- 1 Community-Acquired Infections/ and pneumonia\*.mp. and Radiography, Thoracic/ (187)
- 2 (Early Detection of Cancer/ and Follow-Up Studies/ and Radiologists/) or (Continuity of Patient Care/ and pneumonia\*.mp. and Practice Patterns, Physicians\*.mp.) or (Characterization of pneumonia.mp. and other factors.tw.) (11)
- 3 (Ambulatory Care\* and Radiography, Thoracic\*).mp. (68)
- 4 Early Detection of Cancer/ and Lung Neoplasms/ and Primary Health Care/ (72)
- 5 Community-Acquired Infections/ and Follow-Up Studies/ and exp diagnostic imaging/ (58)
- 6 1 or 2 or 3 or 4 or 5 (367)
- 7 limit 6 to (abstracts and english language and humans and yr="2005 -Current") (222)
- 8 limit 7 to "all child (0 to 18 years)" (65)
- 9 7 not 8 (157)
- 10 limit 9 to case reports (15)
- 11 9 not 10 (142)
- 12 (Ultrasonography/ and Tomography, X-Ray Computed/ and Coronavirus Infections/) or (lung ultrasound versus chest computed tomography or Imaging algorithm for COVID or Acute Lung Complications of COVID-19).tw. (43)
- 13 11 or 12 or (Ambulatory Care\*.mp. and Contrast Media/ and Radiography, Thoracic\*.mp.) (186)
- 14 ((Lung Diseases, Interstitial\* and COVID-19\*).mp. and lung/) or audit of the value of fibre optic.tw. or be alert to underlying malignancy.tw. (92)
- 15 13 or 14 (277)
- 16 Characterization of pneumonia.tw. (8)
- 17 Carcinoma, Non-Small-Cell Lung/ and Early Detection of Cancer/ and Lung Neoplasms/ and Tomography, X-Ray Computed/ (68)
- 18 (Community-Acquired Infections/ and Lung Neoplasms/ and Pneumonia/ and Hospitalization/) or (Ambulatory Care\*.mp. and Contrast Media/ and Radiography, Thoracic\*.mp.) (5)
- 19 Lung Neoplasms/ and Primary Health Care/ and Tomography, X-Ray Computed/ and Mass Screening/ (13)
- 20 16 or 17 or 18 or 19 (94)
- 21 limit 20 to (abstracts and english language and humans and yr="2005 -Current") (70)
- 22 15 or 21 (337)
- 23 (MRI for assessment of pulmonary groundglass or Diagnostic Tools for Coronavirus Disease or COVID-19 pneumonia manifestations or Patients with COVID-19 Pneumonia or chest radiography in patients or consequences of COVID-19 in patients or changes in severe COVID-19 or Significance of Chest Imaging by LUS or Diagnostic Performance of Chest CT for SARS or Characterization of pneumonia).tw. (1161)
- 24 (COVID-19/ and Magnetic Resonance Imaging/) or (COVID-19/ and lung/ and Ultrasonography/) or (Radiography, Thoracic/ and COVID-19/ and Coronavirus Infections/) or (Post-Acute COVID-19 Syndrome/ and COVID-19/ and Quality of Life/) or (SARS-CoV-2/ and COVID-19/ and lung/ and Respiratory Distress Syndrome/) (2019)
- 25 23 or 24 (3137)
- 26 limit 25 to (abstracts and english language and humans and yr="2019 -Current") (2156)
- 27 (COVID-19 pneumonia manifestations or activity of pulmonary macrophage or chest radiography in patients or monitor disease progression for COVID-19-associated).tw. (43)
- 28 (MRI for assessment of pulmonary groundglass or COVID-19 pneumonia manifestations or (chest radiography in patients and suspected of COVID-19) or (Characterization of pneumonia and other factors)).tw. (6)
- 29 22 or 26 or 27 or 28 (2496)

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**Summary**

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Source	#Unique Refs	#Retained Refs
Old bibliography	41	39
Literature Search(es)	2483	14
Author Added	24	18
Supporting Docs	7	6
Total		77

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References from the literature search that were not retained had a poor study design, were not relevant to the topic, or had unclear or biased results.