

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Routine Chest Imaging**

Literature Search Performed on: 01/19/2022

Beginning Date: January 2005

End Date: December 2021

Database: Ovid MEDLINE(R) ALL <1946 to January 18, 2022>

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**Search Strategy**

- 1 Lung diseases/ and Postoperative Care/ (391)
- 2 Societies, Medical/ and (Thoracic diseases/ or Anesthesiology/) (1257)
- 3 1 or 2 (1648)
- 4 limit 3 to (abstracts and english language and humans and yr="2005 -Current") (294)
- 5 Practice Guidelines as Topic/ and Anesthesiology/ and Perioperative Care/ and Societies, Medical/ (19)
- 6 4 or 5 (306)
- 7 Thoracic diseases/ or Anesthesiology/ or Lung diseases/ (107557)
- 8 limit 7 to (guideline or practice guideline) (364)
- 9 limit 8 to (abstracts and english language and humans and yr="2005 -Current") (133)
- 10 6 or 9 (389)

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Literature Search Performed on: 10/08/2021

Beginning Date: January 2014

End Date: September 2021

Database: Ovid MEDLINE(R) ALL <1946 to October 07, 2021>

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**Search Strategy**

- 1 (routine admission chest radiograph\$ or routine admission chest x-ray\$).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (18)
- 2 (routine chest radiograph\$ or routine chest x-ray\$).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (1023)
- 3 cardiopulmonary disease\$.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (1944)
- 4 Thoracic disease\$.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (5633)
- 5 exp diagnostic imaging/ (2769424)
- 6 (3 or 4) and 5 (2348)
- 7 1 or 2 (1034)
- 8 6 or 7 (3368)
- 9 Radiography, Thoracic/ and Diagnostic Tests, Routine/ (199)
- 10 Hospitalization/ or Patient admission/ or Routine chest x-ray/ or Ambulatory care/ (183278)
- 11 Preoperative Care/mt, sn [Methods, Statistics & Numerical Data] (16222)
- 12 Postoperative Complications/pc [Prevention & Control] (49060)
- 13 9 and (10 or 11 or 12) (29)
- 14 8 or 13 (3390)
- 15 limit 14 to (abstracts and english language and humans and yr="2014 -Current") (386)
- 16 limit 15 to "all child (0 to 18 years)" (67)
- 17 15 not 16 (319)
- 18 limit 17 to case reports (69)
- 19 17 not 18 (250)

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20 SARS-CoV-2/ or COVID-19/ (111698)

21 19 not 20 (242)

**Summary**

| <b>Source</b>         | <b>#Unique Refs</b> | <b>#Retained Refs</b> |
|-----------------------|---------------------|-----------------------|
| Old bibliography      | 47                  | 9                     |
| Literature Search(es) | 630                 | 19                    |
| Author Added          | 8                   | 4                     |
| Supporting Docs       | 6                   | 4                     |
| Total                 |                     | 36                    |

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.

4 of the author added references were outside the search date range.