

Literature Search

ACR Appropriateness Criteria® Routine Chest Radiography

Literature Search Performed on: 5/13/2015

Beginning date: January 2013

End date: April 2015

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

Search Strategy:

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- 1 exp Radiography, Thoracic/ (33591)
 - 2 Diagnostic Tests, Routine/ (7441)
 - 3 routine.m_titl. (22789)
 - 4 1 and (2 or 3) (481)
 - 5 limit 4 to "all child (0 to 18 years)" (117)
 - 6 4 not 5 (364)
 - 7 limit 6 to (abstracts and english language and humans and yr="2013 -Current") (9)
 - 8 limit 7 to case reports (1)
 - 9 7 not 8 (8)
 - 10 remove duplicates from 9 (7)

Literature Search Performed on: 10/7/2013

Beginning date: January 1946

End date: September 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 Radiography, Thoracic/ (26431)
 - 2 Diagnostic Tests, Routine/ (7004)
 - 3 Preoperative Period/ or Preoperative Care/ (52831)
 - 4 preadmission.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept, rare disease supplementary concept, unique identifier] (1011)
 - 5 Patient Admission/ (18550)
 - 6 Ambulatory Care/ (36139)
 - 7 emergency medical services/ or emergency service, hospital/ (72533)
 - 8 1 and 2 (168)
 - 9 3 or 4 or 5 or 6 or 7 (176098)
 - 10 8 and 9 (57)
 - 11 Routine Admission and Preoperative Chest Radiography {Including Related Terms} (8547)
 - 12 limit 11 to five stars (8)
 - 13 10 or 12 (63)
 - 14 limit 13 to (english language and humans) (49)
 - 15 remove duplicates from 14 (48)

Literature Search Performed on: 7/19/2013

Beginning date: January 2008

End date: June 2013

Database: Ovid MEDLINE(R) without Revisions <1996 to July Week 2 2013>

Search Strategy:

- 1 Diagnostic Tests, Routine/ (4739)
- 2 Preoperative Care/ (25574)
- 3 Radiography, Thoracic/ (12204)
- 4 chest radiograph\$.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept, rare disease supplementary concept, unique identifier] (10071)
- 5 chest x-ray.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept, rare disease supplementary concept, unique identifier] (8709)
- 6 3 or 4 or 5 (27130)
- 7 (1 or 2) and 6 (288)
- 8 (routine admission chest radiograph\$ or routine admission chest x-ray\$.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept, rare disease supplementary concept, unique identifier] (3)
- 9 (routine chest radiograph\$ or routine chest x-ray\$.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept, rare disease supplementary concept, unique identifier] (460)
- 10 (routine preoperative chest radiograph* or routine preoperative chest x-ray\$.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept, rare disease supplementary concept, unique identifier] (8)
- 11 cardiopulmonary disease\$.mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept, rare disease supplementary concept, unique identifier] (707)
- 12 3 and 11 (14)
- 13 7 or 8 or 9 or 10 or 12 (720)
- 14 limit 13 to (guideline or meta analysis or practice guideline) (8)
- 15 limit 13 to "all adult (19 plus years)" (493)
- 16 14 or 15 (496)
- 17 limit 16 to (abstracts and english language and humans and yr="2008 -Current") (118)
- 18 limit 17 to case reports (41)
- 19 17 not 18 (77)

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 22 citations in the original bibliography, 21 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 July 2013 and updated in October 2013 and May 2015 to identify additional evidence published since the *ACR Appropriateness Criteria® Routine Chest Radiography* topic was finalized. Using the search strategies described above, 132 articles were found. Five articles were added to the bibliography. One hundred twenty-seven 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 21 citations from bibliographies, websites, or books that were not found in the new literature search.