

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Workup of Pleural Effusion or Pleural Disease**

Literature Search Performed on: 07/12/2022

Beginning Date: January 2001

End Date: June 2022

Database: Ovid MEDLINE(R) ALL <1946 to July 11, 2022>

---

**Search Strategy**

- 1 (selective chest CT in blunt trauma or Causes of Intermittent Claudication or management of empyema or Imaging Findings in Pleural Empyema or findings in patients undergoing magnetic resonance angiography).tw. (173)
- 2 (Wounds, Nonpenetrating/ and Thoracic Injuries/ and Pneumothorax/) or (Pleural Effusion/ and Connective Tissue Diseases/ and Echinococcosis/) (212)
- 3 (Wounds, Nonpenetrating/ and Thoracic Injuries/ and Decision Support Techniques/) or (Pulmonary Embolism/ and Magnetic Resonance Angiography/ and Aortic Aneurysm/) or (Kidney Failure, Chronic/ and Liver Failure/ and Pleural Diseases/) (24)
- 4 (Wounds, Nonpenetrating/ and Thoracic Injuries/ and Trauma Centers/) or (Pneumonia, Bacterial/ and Empyema, Pleural/ and Empyema, Pleural/) (273)
- 5 Fibrinolytic Agents/ and Pleural Effusion/ and Tissue Plasminogen Activator/ (49)
- 6 (Pleural Effusion/ and Pneumonia/ and Tomography, X-Ray Computed/) or (Lung/ and diagnostic imaging/ and Physical Examination/) (85)
- 7 (Emergency Service, Hospital/ and Thoracic Injuries/ and Abdominal Injuries/ and Wounds, Nonpenetrating/) or (Pneumonia/ and Lung/ and Physical Examination/) (49)
- 8 Stroke Volume/ and Cardiac Resynchronization Therapy/ and Chronic Disease/ and heart failure/ (35)
- 9 (hemothorax after minor thoracic injury or British Thoracic Society guideline or suspected malignant pleural effusions or pleural effusions in acute pulmonary or diagnosis of traumatic pneumothorax or Nonenhanced Abdominal CT for Renal Colic).tw. (57)
- 10 (Diaphragm/ and Empyema, Pleural/ and Pneumonia, Pneumococcal/) or (Kidney Diseases/ and Renal Artery Obstruction/ and Incidental Findings/ and Kidney Diseases/) or (Empyema, Pleural/ and Hydropneumothorax/ and Diagnosis, Differential/) or (Incidental Findings/ and Multiple Trauma/ and Emergency Service, Hospital/) or (Pleural Effusion/ and Empyema, Pleural/ and Catheterization, Peripheral/) or (Multiple Trauma/ and Emergency Service, Hospital/ and Incidental Findings/) or (Pleural Diseases/ and Angiography/ and Pleura/) (13)
- 11 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 (937)
- 12 ("26440607" or "24626118" or "21045745" or "17278083" or "26169926" or "27709281" or "27423676" or "19933660" or "28274565" or "26683569" or "27054846" or "15767562" or "28025056" or "35049844" or "33820639" or "21159803" or "33963675" or "32191736" or "9356004" or "11127008" or "19616366" or "30675767" or "11762545" or "28130347" or "30287121" or "27299139" or "15082295" or "28611156" or "29433802" or "31179075" or "11247695" or "17298456" or "34447992" or "33721865" or "28587578" or "17715119" or "28611156" or "29433802" or "31179075" or "11247695" or "17298456" or "34447992" or "33721865" or "28587578" or "17715119" or "30675767" or "11762545" or "28130347" or "19616366" or "11762545" or "28130347" or "21159803").mp. (36)
- 13 limit 11 to (english language and yr="2001 -Current") (643)
- 14 12 and 13 (30)

---

Literature Search Performed on: 08/09/2021

Beginning Date: January 2011

End Date: July 2021

Database: Ovid MEDLINE(R) ALL <1946 to August 06, 2021>

---

**Search Strategy**

- 1 Pleural Effusion/di, dg, pa, th [Diagnosis, Diagnostic Imaging, Pathology, Therapy] (7724)
- 2 (Lung Injury/ and pain management/ and pneumothorax/) or (Pneumothorax/ and Aortic Aneurysm, Abdominal/) or (Point of care systems/ and pleural diseases/) or (Point of care systems/ and pleural diseases/) (21)
- 3 Abdominal pain/ and incidental findings/ (149)
- 4 pleural diseases/ and pleural neoplasms/ and Tomography, X-Ray Computed/ (67)
- 5 Mediastinal Diseases/ and pleural diseases/ and diagnostic imaging/ (2)
- 6 1 or 2 or 3 or 4 or 5 (7938)
- 7 limit 6 to (abstracts and english language and humans and yr="2011 -Current") (1654)

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Workup of Pleural Effusion or Pleural Disease**

- 8 limit 7 to case reports (604)
- 9 7 not 8 (1050)
- 10 limit 9 to "all child (0 to 18 years)" (187)
- 11 9 not 10 (863)
- 12 limit 1 to guideline (5)
- 13 limit 1 to practice guideline (11)
- 14 11 or 12 or 13 (874)

**Summary**

---

<b>Source</b>	<b>#Unique Refs</b>	<b>#Retained Refs</b>
Old bibliography	0	0
Literature Search(es)	904	54
Author Added	19	16
Supporting Docs	3	3
Total		73

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.