

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Management of Chylothorax**

Literature Search Performed on: 09/30/2024

Beginning Date: January 2013

End Date: August 2024

Database: Ovid MEDLINE(R) ALL <1946 to September 26, 2024>

**Search Strategy**

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- 1 exp Radiology, Interventional/ or (Pleurodesis or Surgery or Thoracic duct embolization or Catheter directed mechanical thrombectomy or thoracic central vein or Intraabdominal lymphatic embolization or Pleuroperitoneal shunt or Surgical thrombectomy thoracic central vein or Thoracic central vein recanalization or Thoracic duct embolization or Transcatheter thrombolysis thoracic central vein or Portal vein recanalization or TIPS).ti,ab,kw. (1525453)
- 2 (Iatrogenic chylothorax or postoperative chylothorax or postsurgical chylothorax or thoracic duct injury or chylothorax thoracic duct ligation or thoracic duct embolization or chylothorax pleurodesis or chylothorax lymphovenous bypass or chylothorax octreotide or cholothorax somatostatin or chylothorax lymphangiography or dietary management chylothorax or medical management chylothorax or chylothorax shunt).ti,ab,kw. (691)
- 3 (spontaneous chylothorax or thoracic duct embolization or chylothorax pleurodesis or chylothorax lymphovenous bypass or chylothorax octreotide or cholothorax somatostatin or chylothorax lymphangiography or dietary management chylothorax or medical management chylothorax or chylothorax shunt).ti,ab,kw. (310)
- 4 (Iatrogenic chylothorax or postoperative chylothorax or postsurgical chylothorax or thoracic duct injury or chylothorax thoracic duct ligation or thoracic duct embolization or chylothorax pleurodesis or chylothorax lymphovenous bypass or chylothorax octreotide or cholothorax somatostatin or chylothorax lymphangiography or dietary management chylothorax or medical management chylothorax or chylothorax shunt or refractory chylothorax).ti,ab,kw. (763)
- 5 (spontaneous chylothorax or thoracic duct embolization or chylothorax pleurodesis or chylothorax lymphovenous bypass or chylothorax octreotide or cholothorax somatostatin or chylothorax lymphangiography or dietary management chylothorax or medical management chylothorax or chylothorax shunt or refractory chylothorax).ti,ab,kw. (397)
- 6 (Deep venous thrombosis chylothorax central venous occlusion chylothorax or thrombolysis chylothorax or thrombectomy chylothorax or anticoagulation chylothorax or thoracic duct embolization or chylothorax pleurodesis or chylothorax lymphovenous bypass or chylothorax octreotide or cholothorax somatostatin or chylothorax lymphangiography or dietary management chylothorax or medical management chylothorax or chylothorax shunt).ti,ab,kw. (185)
- 7 (Iatrogenic chylothorax; postoperative chylothorax or postsurgical chylothorax or thoracic duct injury or Chylothorax chylous ascites or chylothorax portal hypertension or chylothorax TIPS or chylothorax lymphovenous bypass or chylothorax octreotide or cholothorax somatostatin or chylothorax lymphangiography or dietary management chylothorax or medical management chylothorax or chylothorax shunt or peritoneovenous shunt).ti,ab,kw. (570)
- 8 (Chylothorax chylous ascites or chylothorax portal hypertension or chylothorax TIPS or chylothorax lymphovenous bypass or chylothorax octreotide or cholothorax somatostatin or chylothorax lymphangiography or dietary management chylothorax or medical management chylothorax or chylothorax shunt or peritoneovenous shunt).ti,ab,kw. (399)
- 9 1 and (2 or 3 or 4 or 5 or 6 or 7 or 8) (568)
- 10 Iatrogenic chylothorax/ or postoperative chylothorax/ or postsurgical chylothorax/ or thoracic duct injury/ or chylothorax thoracic duct ligation/ or thoracic duct embolization/ or chylothorax pleurodesis/ or chylothorax lymphovenous bypass/ or chylothorax octreotide.mp. or cholothorax somatostatin/ or chylothorax lymphangiography/ or dietary management chylothorax/ or medical management chylothorax/ or chylothorax shunt/ or (Pleural Effusion/ and Predictive Value of Tests/) or (Pleural Effusion/ and Treatment Outcome/) (1407)
- 11 9 or 10 (1964)
- 12 limit 11 to (abstracts and english language) (1613)
- 13 exp \*adolescent/ or exp \*child/ or exp \*infant/ or (infant disease\* or childhood disease\*).ti,kf. or (adolescen\* or babies or baby or boy? or boyfriend or boyhood or girlfriend or girlhood or child\* or girl? or infan\* or juvenil\* or kid? or minors or minors\* or neonat\* or neo-nat\* or newborn\* or new-born\* or paediatric\* or paediatric\* or pediatric\* or perinat\* or preschool\* or puber\* or pubescen\* or school\* or teen\* or toddler? or underage? or under-age? or youth\*).ti,kf. or (pediatric\* or paediatric\* or infan\* or child\* or adolescen\* or young).jn,jw. or (pediatric\* or paediatric\* or infan\* or child\* or adolescen\* or young).in. (3368136)
- 14 12 not 13 (1298)
- 15 ("case reports" or "clinical conference" or comment or congress or editorial or letter or news).pt. or ("case report\*" or comment\* or editorial or letter or news).ti. or ((protocol and (study or trial)) not ("therapy protocol\*" or "treatment protocol\*")).ti,ab,kw. (5164159)
- 16 14 and 15 (466)
- 17 (animal or animals or canine\* or dog or dogs or feline or hamster\* or lamb or lambs or mice or monkey or monkeys or mouse or murine or pig or piglet\* or pigs or porcine or primate\* or rabbit\* or rat or rats or rodent\* or sheep\* or swine or veterinar\* or (vitro not vivo)).ti,ab,kw. (5408391)

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18 14 not 17 (1251)

19 clinical protocols/ or Consensus/ or "Consensus Development Conference".pt. or "Consensus Development Conference, NIH".pt. or Consensus Development Conferences as Topic/ or Consensus Development Conferences, NIH as Topic/ or critical pathway/ or guidelines as topic/ or practice guidelines as topic/ or Health Planning Guidelines/ or practice guideline/ or (clinical adj3 pathway).ti,ab,kf. or (clinical adj3 pathways).ti,ab,kf. or (practice adj3 parameter).ti,ab,kf. or (practice adj3 parameters).ti,ab,kf. or algorithms/ or (care adj2 pathway).ti,ab,kf. or (care adj2 pathways).ti,ab,kf. or guidance.ti,ab. or guideline\*.ti,ab. (1165715)

20 9 and 19 (35)

21 18 or 20 (1263)

22 limit 21 to yr="2014 -Current" (614)

23 16 or 22 (819)

24 23 not 13 (812)

25 (effective management and pleurodesis).tw. (12)

26 Gastrointestinal Agents/ and Chylothorax/ and Octreotide/ (60)

27 Cardiac Surgical Procedures/ and Chylothorax/ and Thoracic Duct/ (16)

28 25 or 26 or 27 (88)

29 limit 28 to (abstracts and yr="2013 -Current") (27)

30 24 or 29 or (Pleurovenous shunting and nonmalignant pleural effusion).tw. or Low-fat diet management strategy for chylothorax after pulmonary.tw. or Octreotide in the treatment of chylothorax.tw. (845)

**Summary**

Source	Excluded	Included in document	Included in Evidence Table
Old Bib	0	0	0
Lit Search 1,2,3...	808	37	31
Hand Search	NA	0	0
Author Added	NA	2	2
Guidance Documents	NA	0	0
Total	808	39	33

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.