

Literature Search
ACR Appropriateness Criteria®
Imaging of Mediastinal Masses

Literature Search Performed on: 04/24/2020

Beginning Date: January 2005

End Date: March 2020

Database: Ovid MEDLINE(R) ALL <1946 to April 23, 2020>

Search Strategy

- 1 (exp Fluorodeoxyglucose F18/ and exp Organometallic Compounds/ and Pheochromocytoma/) or (Mediastinum/ and cyst/) or (Sclerosis/ and Mediastinitis/ and Granuloma/) or (Thymus Neoplasms/ and Organometallic Compounds/) (276)
- 2 exp diagnostic imaging/ (2616429)
- 3 1 and 2 (45)
- 4 (Carcinosarcoma/ and Lung Neoplasms/) or (Mediastinal Neoplasms/ and Mediastinum/ and Consensus/) or (Myasthenia Gravis/ and Thymus Gland/) or (Thoracic Wall/ and Thoracic Neoplasms/) or (Bone Neoplasms/ and Chondroblastoma/ and Chondroma/) (2494)
- 5 Diagnosis, Differential/ (447695)
- 6 4 and 5 (214)
- 7 (Diaphragm/ and Lung/) or (Lymphatic Diseases/ and Lymph Nodes/) or (Pulmonary Artery/ and Lung Diseases/) or (Adnexal Diseases/ and Algorithms/) or (Muscle Contraction/ and Muscle Contraction/ and Muscle Relaxation/) or (Postural Balance/ and Spirometry/) (10259)
- 8 Magnetic Resonance Imaging/ (396841)
- 9 7 and 8 (149)
- 10 (Receptors, Somatostatin/ and Thymus Neoplasms/ and Radionuclide Imaging/) or High rate of unnecessary thymectomy.mp. or (Neoplasm Invasiveness/ and Cardiovascular System/ and Tomography, X-Ray Computed/) or (Mediastinal Diseases/ and Evidence-Based Medicine/) (15)
- 11 Magnetic resonance imaging of the chest.mp. or (: Practice Guidelines as Topic/ and Lymphoma/ and Multimodal Imaging/) or (Fluorodeoxyglucose F18/ and Thymus Gland/ and Radiopharmaceuticals/) or (Tomography, X-Ray Computed/ and Thymus Neoplasms/ and Neoplasm Staging/ and Prognosis/) (180)
- 12 3 or 6 or 9 or 10 or 11 (602)
- 13 limit 12 to (english language and humans and yr="2005 -Current") (288)
- 14 limit 13 to case reports (123)
- 15 13 not 14 (165)

Literature Search Performed on: 07/31/2019

Beginning Date: January 2005

End Date: June 2019

Database: Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily <1946 to July 30, 2019>

Search Strategy

- 1 Mediastinal Neoplasms/ (13406)
- 2 Thymoma/ and Thymus hyperplasia/ (203)
- 3 Thoracic diseases/ and Clinical Decision-Making/ (1)
- 4 Neoplasms, Nerve Tissue/ and mediastinum/ (10)
- 5 exp Diagnostic Imaging/ (2545642)
- 6 (1 or 2 or 3 or 4) and 5 (5662)
- 7 limit 6 to (abstracts and english language and humans and yr="2009 - Current" and "all adult (19 plus years)") (657)
- 8 (Ganglioneuroma/ and Neoplasms, Nerve Tissue/) or (Thymus Gland/ and Thymus Hyperplasia/ and Magnetic Resonance Imaging/) (78)
- 9 Mediastinal diseases/ and Magnetic Resonance Imaging/ and mediastinal neoplasm/ (18)
- 10 (Mediastinal Neoplasms/ and mediastinum/ and Magnetic Resonance Imaging/) or (Diagnosis, Differential/ and Mediastinal Neoplasms/ and mediastinum/ and Thymus neoplasms/) (83)
- 11 (Mediastinal Neoplasms/ and mediastinum/ and diagnostic imaging/) or (Mediastinal Neoplasms/ and Nervous System Neoplasms/) (24)

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12 *Mediastinum/pa [Pathology] (605)
 13 Tomography, X-Ray Computed/ (364431)
 14 12 and 13 (158)
 15 Lung Neoplasms/ and Mediastinal Neoplasms/ and Tomography, X-Ray Computed/ (404)
 16 Lymphoma/ and Clinical Trials as Topic/ and Tomography, X-Ray Computed/ (15)
 17 8 or 9 or 10 or 11 or 14 or 15 or 16 (757)
 18 limit 17 to (english language and humans and yr="2005 -Current") (259)
 19 7 or 18 (847)
 20 limit 19 to case reports (509)
 21 19 not 20 (338)
 22 limit 1 to practice guideline (8)
 23 Lymphatic Diseases/ and Magnetic Resonance Imaging/ and Thymus gland/ (18)
 24 ((Anterior mediastinal masses and the Framingham Heart Study) or Approaching the patient with an anterior mediastinal mass).tw. (3)
 25 21 or 22 or 23 or 24 (366)
 26 remove duplicates from 25 (366)

Summary

Source	#Unique Refs	#Retained Refs
Old bibliography	0	0
Literature Search(es)	523	80
Author Added	32	31
Supporting Docs	1	1
Total		112

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.