

Literature Search Summary
ACR Appropriateness Criteria®
Suspected Thoracic Aortic Aneurysm

Lit Search Performed: 08/10/17

Beginning Date: January 2015

End Date: July 2017

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

Search Strategy:

-
- 1 exp Diagnostic Imaging/ (2461389)
 - 2 *Aortic Aneurysm, Thoracic/ (9493)
 - 3 *Aorta/ (29490)
 - 4 *Marfan Syndrome/ (4324)
 - 5 Mass Screening/ (94994)
 - 6 *Aorta, Thoracic/ (17284)
 - 7 (2 or 3) and 4 (548)
 - 8 2 or 7 (9784)
 - 9 1 and 8 (4453)
 - 10 (2 or 6) and 5 (17)
 - 11 9 or 10 (4461)
 - 12 limit 11 to "all child (0 to 18 years)" (292)
 - 13 11 not 12 (4169)
 - 14 limit 13 to (abstracts and english language and humans and yr="2015 -Current") (442)
 - 15 limit 14 to case reports (198)
 - 16 14 not 15 (244)
 - 17 remove duplicates from 16 (214)

Literature Search Performed on: 03/04/2015

Beginning Date: January 2009

End Date: February 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:

-
- 1 exp Diagnostic Imaging/ (1765845)
 - 2 *Aortic Aneurysm, Thoracic/ (7696)
 - 3 *Aorta/ (23829)
 - 4 *Marfan Syndrome/ (3803)
 - 5 Mass Screening/ (82968)
 - 6 *Aorta, Thoracic/ (14067)
 - 7 (2 or 3) and 4 (416)
 - 8 2 or 7 (7898)
 - 9 1 and 8 (3223)
 - 10 (2 or 6) and 5 (16)
 - 11 9 or 10 (3230)
 - 12 limit 11 to "all child (0 to 18 years)" (207)
 - 13 11 not 12 (3023)
 - 14 limit 13 to (abstracts and english language and humans and yr="2009 -Current") (980)
 - 15 limit 14 to case reports (491)
 - 16 14 not 15 (489)
 - 17 remove duplicates from 16 (486)

Literature Search Summary

Literature searches were conducted in March 2015 and August 2017 to identify evidence for the *ACR Appropriateness Criteria® Suspected Thoracic Aortic Aneurysm* topic. Using the search strategies described above, 700 articles were found. Six articles were used in the topic. One article was not used as it was a duplicate captured in more than one literature search. The remaining articles were not used due to either poor study design, the articles were not relevant or generalizable to the topic, or the results were unclear or biased.

The author added 40 citations from bibliographies, websites, or books that were not found in the literature searches, including 22 articles outside of the search date ranges.

Four supporting document citations were added by staff.