

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Thoracoabdominal Aortic Aneurysm or Dissection:**  
**Treatment Planning and Follow-Up**

Literature Search Performed on: 01/19/2021

Beginning Date: January 2000

End Date: December 2020

Database: Ovid MEDLINE(R) ALL <1946 to January 15, 2021>

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**Search Strategy**

- 1 thoracoabdominal.mp. (6107)
- 2 Aortic Aneurysm, Abdominal/ (19704)
- 3 Aortic Aneurysm, Thoracic/ (12795)
- 4 Aorta, Abdominal/ (21345)
- 5 Aorta, Thoracic/ (35109)
- 6 Aneurysm, Dissecting/ (18231)
- 7 (dissection or type a dissection or type a aortic dissection).mp. (128671)
- 8 (aorta or aneurysm or aortic aneurysm).mp. (283075)
- 9 acute aortic syndrome.mp. (434)
- 10 Hydrodynamics/ or Hemodynamics/ or Blood Flow Velocity/ or (mapping or 4d flow or four dimensional flow or computational imaging or computational image).mp. (589653)
- 11 1 and (2 or 3 or 4 or 5 or 6 or 7 or 8 or 9) (3663)
- 12 1 and 10 (139)
- 13 (11 or 12) and exp Diagnostic Imaging/ (1088)
- 14 (Aneurysm, Dissecting/dg and Aortic Aneurysm/dg and Aortography/mt and Tomography, X-Ray Computed/mt) or (Acute Disease/ and Aneurysm, Dissecting/dg and Aortic Aneurysm, Thoracic/dg and Tomography, X-Ray Computed/mt) or (Aorta, Abdominal/dg and Aorta, Thoracic/dg and Tomography, X-Ray Computed/mt) or (Aortic Aneurysm, Thoracic/dg and Aortic Aneurysm, Thoracic/su and Aortic Diseases/dg and Aortic Diseases/su) or (Aorta, Thoracic/dg and Aortic Diseases/dg and aortic disease.mp.) or (Aneurysm, Dissecting/dg and Aneurysm, Dissecting/su and Aortic Aneurysm/dg and Aortic Aneurysm/su and Endovascular Procedures/ and aortic dissection.mp. and endovascular.mp.) or (Aortic Valve Stenosis/dg and Aortography/ and Tomography, X-Ray Computed/ and aorta.tw.) (295)
- 15 Magnetic Resonance Angiography/ (23345)
- 16 Magnetic Resonance Imaging/ (411727)
- 17 (2 and 3 and 15) or (3 and 6 and 16) or (5 and 15 and aortic disease.mp.) or (3 and 15 and 16) or (5 and 15 and 16) or (3 and 5 and 6 and 16) or (Aorta/ and Aortography/ and Radiographic Image Interpretation, Computer-Assisted/ and Tomography, X-Ray Computed/) (363)
- 18 1 and (15 or 16) (195)
- 19 (2 or 3 or 4 or 5) and (15 or 16) (2997)
- 20 13 or 14 or 17 or 18 or 19 (4356)
- 21 limit 20 to (abstracts and english language and humans and yr="2000 -Current") (2540)
- 22 limit 21 to "all child (0 to 18 years)" (381)
- 23 21 not 22 (2159)
- 24 limit 23 to case reports (725)
- 25 23 not 24 (1434)
- 26 (International Registry of Acute Aortic Dissection or noninvasive aortic imaging or (Aortic Diseases and European Society of Cardiology) or suspected thoracic aortic dissection or (Society of Cardiovascular Computed Tomography and Society for Cardiovascular Magnetic Resonance) or The need for standardized methods for measuring the aorta).tw. (178)
- 27 25 or 26 (1605)
- 28 remove duplicates from 27 (1604)

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**Summary**

Source	#Unique Refs	#Retained Refs
Old bibliography	0	0
Literature Search(es)	1604	49
Author Added	15	10
Supporting Docs	4	4
Total		63

References from the literature search that were not retained had a poor study design, were not relevant to the topic, or had unclear or

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biased results.