

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Dialysis Fistula Malfunction**

Literature Search Performed on: 05/20/2020

Beginning Date: January 2010

End Date: April 2020

Database: Ovid MEDLINE(R) ALL <1946 to May 04, 2020>

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**Search Strategy**

- 1 exp Arteriovenous Fistula/ or exp Arteriovenous Shunt, Surgical/ (24532)
- 2 exp Extremities/ (336015)
- 3 exp Graft Occlusion, Vascular/ or exp Vascular Patency/ or exp Constriction, Pathologic/ or exp Thrombosis/th [Therapy] (59813)
- 4 exp Central Venous Catheters/ or exp Catheterization/ or exp Catheterization, Central Venous/ or exp Catheters/ or exp Vascular Access Devices/ or exp Dialysis/ or exp Renal Dialysis/ or exp Vascular Surgical Procedures/ or exp Angioplasty/ or exp Stents/ or exp Thrombectomy/ or exp Thrombolytic Therapy/ or exp Monitoring, Physiologic/ or exp Blood Vessel Prosthesis/ or exp Salvage Therapy/mt [Methods] (720168)
- 5 1 and 2 (3315)
- 6 (3 and 5) or (4 and 5) (2664)
- 7 Arteriovenous Fistula.mp. (20843)
- 8 Arteriovenous Shunt.mp. (11330)
- 9 Thrombosis.mp. (191731)
- 10 Stenosis.mp. (193907)
- 11 Occlusion.mp. (173953)
- 12 Steal Syndrome.mp. (2691)
- 13 7 and 8 and (9 or 10 or 11 or 12) (1193)
- 14 (Treatment Outcome/ or Treatment Failure/) and renal dialysis.mp. (9431)
- 15 Blood Vessel Prosthesis/ and Stents/ and Radiography/ (352)
- 16 Stent graft#.tw. (3035)
- 17 14 and 15 and 16 (7)
- 18 Arteriovenous Shunt, Surgical/ and Graft Occlusion, Vascular/ (1557)
- 19 Angioplasty, Balloon/ (17403)
- 20 14 and 18 and 19 (195)
- 21 Vascular Access Devices/ or Vascular Patency/ (15815)
- 22 14 and 18 and 21 (585)
- 23 6 or 13 or 17 or 20 or 22 (3749)
- 24 limit 23 to (abstracts and english language and humans and yr="2010 - 2021") (1266)
- 25 limit 24 to "all child (0 to 18 years)" (102)
- 26 24 not 25 (1164)
- 27 limit 26 to case reports (181)
- 28 26 not 27 (983)

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- 3 exp Graft Occlusion, Vascular/ or exp Vascular Patency/ or exp Constriction, Pathologic/ or exp Thrombosis/dg [Diagnostic Imaging] (65719)

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4 exp Fluoroscopy/ or exp Ultrasonography/ or exp Ultrasonography, Doppler, Duplex/ or exp Tomography, X-Ray Computed/ or exp Computed Tomography Angiography/ or exp Magnetic Resonance Imaging/ or exp Magnetic Resonance Angiography/ or exp Angiography/ or exp Phlebography/ (1335017)

5 1 and 2 (3315)

6 (3 and 5) or (4 and 5) (1539)

7 Arteriovenous Fistula.mp. (20843)

8 Arteriovenous Shunt.mp. (11330)

9 Thrombosis.mp. (191731)

10 Stenosis.mp. (193907)

11 Occlusion.mp. (173953)

12 Steal Syndrome.mp. (2691)

13 7 and 8 and (9 or 10 or 11 or 12) (1193)

14 exp Diagnostic Imaging/ (2618783)

15 13 and (4 or 14) (332)

16 6 or 15 (1751)

17 limit 16 to (abstracts and english language and humans and yr="2010 -Current") (636)

18 limit 17 to "all child (0 to 18 years)" (58)

19 17 not 18 (578)

20 limit 19 to case reports (118)

21 19 not 20 (460)

**Summary**

| Source                | #Unique Refs | #Retained Refs |
|-----------------------|--------------|----------------|
| Old bibliography      | 0            | 0              |
| Literature Search(es) | 987          | 61             |
| Author Added          | 88           | 86             |
| Supporting Docs       | 0            | 0              |
| Total                 |              | 147            |

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.