

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Lower Extremity Arterial Revascularization-Post-Therapy Imaging**

Literature Search Performed on: 8/16/2017

Beginning Date: January 2014

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:

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- 1 Lower Extremity/bs [Blood Supply] (3872)
  - 2 Leg/bs [Blood Supply] (26014)
  - 3 Arterial Occlusive Diseases/di [Diagnosis] (4805)
  - 4 Ischemia/di [Diagnosis] (5126)
  - 5 Peripheral Arterial Disease/di [Diagnosis] (1704)
  - 6 Peripheral Vascular Diseases/di [Diagnosis] (2327)
  - 7 Graft Occlusion, Vascular/di [Diagnosis] (1193)
  - 8 1 or 2 or 3 or 4 or 5 or 6 or 7 (41175)
  - 9 \*Tomography, X-Ray Computed/ (108442)
  - 10 \*Multidetector Computed Tomography/ (3471)
  - 11 \*Angiography, Digital Subtraction/ (2449)
  - 12 \*Ultrasonography, Doppler, Pulsed/ or \*Ultrasonography, Doppler/ or \*Ultrasonography/ or \*Ultrasonography, Doppler, Duplex/ or \*Ultrasonography, Doppler, Color/ or \*Ultrasonography, Interventional/ (64916)
  - 13 \*Magnetic Resonance Angiography/ (9705)
  - 14 \*Ankle Brachial Index/ (862)
  - 15 \*Plethysmography/ (3193)
  - 16 pulse volume recording.mp. (83)
  - 17 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 (188615)
  - 18 8 and 17 (3278)
  - 19 limit 18 to (abstracts and english language and humans and yr="2014 -Current") (247)
  - 20 limit 19 to "all child (0 to 18 years)" (16)
  - 21 19 not 20 (231)
  - 22 limit 21 to case reports (8)
  - 23 21 not 22 (223)
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Literature Search Performed on: 7/28/2015

Beginning Date: January 2011

End Date: June 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:

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- 1 Lower Extremity/bs [Blood Supply] (2930)
  - 2 Leg/bs [Blood Supply] (24870)
  - 3 Arterial Occlusive Diseases/di [Diagnosis] (4419)
  - 4 Ischemia/di [Diagnosis] (4593)
  - 5 Peripheral Arterial Disease/di [Diagnosis] (1011)
  - 6 Peripheral Vascular Diseases/di [Diagnosis] (2193)
  - 7 Graft Occlusion, Vascular/di [Diagnosis] (997)
  - 8 1 or 2 or 3 or 4 or 5 or 6 or 7 (37725)
  - 9 \*Tomography, X-Ray Computed/ (93546)
  - 10 \*Multidetector Computed Tomography/ (2111)

- 11 \*Angiography, Digital Subtraction/ (2175)
  - 12 \*Ultrasonography, Doppler, Pulsed/ or \*Ultrasonography, Doppler/ or \*Ultrasonography/ or \*Ultrasonography, Doppler, Duplex/ or \*Ultrasonography, Doppler, Color/ or \*Ultrasonography, Interventional/ (57549)
  - 13 \*Magnetic Resonance Angiography/ (9151)
  - 14 \*Ankle Brachial Index/ (607)
  - 15 \*Plethysmography/ (2962)
  - 16 pulse volume recording.mp. (69)
  - 17 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 (164173)
  - 18 8 and 17 (3046)
  - 19 limit 18 to (abstracts and english language and humans and yr="2011 -Current") (361)
  - 20 limit 19 to "all child (0 to 18 years)" (33)
  - 21 19 not 20 (328)
  - 22 limit 21 to case reports (19)
  - 23 21 not 22 (309)
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### **Literature Search Summary**

Literature searches were conducted in July 2015 and August 2017 to identify evidence for the *ACR Appropriateness Criteria® Lower Extremity Arterial Revascularization–Post-Therapy Imaging* topic. Using the search strategy described above, 532 articles were found. Fifty-nine articles were used in the topic. 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, misinterpreted, or biased.

The author added 29 citations from bibliographies, websites, or books that were not found in the literature search, including 26 articles outside of the search date ranges.

One citation is a supporting document that was added by staff.