

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Imaging of Mesenteric Ischemia**

Literature Search Performed on: 09/28/2017

Beginning Date: January 2015

End Date: August 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 Mesenteric Ischemia/ra, us [Radiography, Ultrasonography] (0)
- 2 Mesenteric Vascular Occlusion/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (0)
- 3 Ischemia/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (0)
- 4 Mesenteric Ischemia/ or Mesenteric Vascular Occlusion/ (4968)
- 5 Ischemia/ (48780)
- 6 Mesenteric Artery, Inferior/ or Mesenteric Arteries/ or Mesenteric Veins/ or Mesenteric Artery, Superior/ (19636)
- 7 mesenteric ischemia.mp. (2569)
- 8 3 and 6 (0)
- 9 5 and 6 (1456)
- 10 4 or 7 or 9 (6874)
- 11 exp Diagnostic Imaging/ (2498986)
- 12 10 and 11 (2271)
- 13 1 or 2 or 8 or 12 (2271)
- 14 limit 13 to (abstracts and english language and humans and yr="2010 -Current") (387)
- 15 limit 14 to "all child (0 to 18 years)" (19)
- 16 14 not 15 (368)
- 17 limit 16 to case reports (184)
- 18 16 not 17 (184)
- 19 tomogra\*.mp. (642033)
- 20 CT\*.mp. (445465)
- 21 angiogra\*.mp. (286899)
- 22 magnetic resonance.mp. (657916)
- 23 MR\*.mp. (871724)
- 24 ultraso\*.mp. (449208)
- 25 radiograph\*.mp. (539790)
- 26 MDCT.mp. (6986)
- 27 multidetector.mp. (13330)
- 28 multi-detector.mp. (2669)
- 29 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 (2935537)
- 30 7 and 29 (1092)
- 31 limit 30 to (abstracts and english language and yr="2015 -Current") (199)
- 32 limit 31 to case reports (66)
- 33 31 not 32 (133)
- 34 18 or 33 (252)
- 35 remove duplicates from 34 (241)

Literature Search Performed on: 05/19/2016

Beginning Date: January 2010

End Date: April 2016

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

Search Strategy:

- 1 Mesenteric Ischemia/ra, us [Radiography, Ultrasonography] (31)
- 2 Mesenteric Vascular Occlusion/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (770)
- 3 Ischemia/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (2709)
- 4 Mesenteric Ischemia/ or Mesenteric Vascular Occlusion/ (4551)
- 5 Ischemia/ (45546)
- 6 Mesenteric Artery, Inferior/ or Mesenteric Arteries/ or Mesenteric Veins/ or Mesenteric Artery, Superior/ (18387)
- 7 mesenteric ischemia.mp. (2154)
- 8 3 and 6 (253)
- 9 5 and 6 (1399)
- 10 4 or 7 or 9 (6275)
- 11 exp Diagnostic Imaging/ (1891590)
- 12 10 and 11 (1561)
- 13 1 or 2 or 8 or 12 (1873)
- 14 limit 13 to (abstracts and english language and humans and yr="2010 -Current") (263)
- 15 limit 14 to "all child (0 to 18 years)" (14)
- 16 14 not 15 (249)
- 17 limit 16 to case reports (121)
- 18 16 not 17 (128)
- 19 tomogra\*.mp. (550415)
- 20 CT\*.mp. (372066)
- 21 angiogra\*.mp. (254861)
- 22 magnetic resonance.mp. (580067)
- 23 MR\*.mp. (767083)
- 24 ultraso\*.mp. (352585)
- 25 radiograph\*.mp. (265116)
- 26 MDCT.mp. (6191)
- 27 multidetector.mp. (11024)
- 28 multi-detector.mp. (2337)
- 29 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 (2367758)
- 30 7 and 29 (836)
- 31 limit 30 to (abstracts and english language and yr="2015 -Current") (71)
- 32 limit 31 to case reports (11)
- 33 31 not 32 (60)
- 34 18 or 33 (167)
- 35 remove duplicates from 34 (165)

---

### Literature Search Summary

Of the 32 citations in the original bibliography, 18 were retained in the final document.

A new literature search was conducted in May 2016 and updated in September 2017 to identify additional evidence published since the *ACR Appropriateness Criteria® Imaging of Mesenteric Ischemia* topic was finalized. Using the search strategies described above, 406 unique articles were found. Twenty-seven articles were added to the bibliography. 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 29 citations from bibliographies, websites, or books that were not found in the literature searches, including 26 articles outside of the search date ranges.

Two citations are supporting documents that were added by staff.