

Literature Search
ACR Appropriateness Criteria®
Sudden Onset of Cold, Painful Leg

Literature Search Performed on: 5/1/2015

Beginning Date: January 2011

End Date: March 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 Peripheral Vascular Diseases/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (1178)
 - 2 Arterial Occlusive Diseases/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (4942)
 - 3 Arteriosclerosis/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (3279)
 - 4 Arteriolosclerosis/ra, us [Radiography, Ultrasonography] (2)
 - 5 Arteriosclerosis Obliterans/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (259)
 - 6 exp Atherosclerosis/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (1900)
 - 7 Thromboangiitis Obliterans/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (173)
 - 8 Thrombosis/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (5983)
 - 9 Thromboembolism/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (805)
 - 10 Embolism/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (1083)
 - 11 Embolism, Air/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (811)
 - 12 exp Embolism, Fat/ra, ri, us [Radiography, Radionuclide Imaging, Ultrasonography] (202)
 - 13 lower extremity/ or leg/ (64127)
 - 14 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 (19413)
 - 15 13 and 14 (1837)
 - 16 Peripheral Vascular Diseases/ (11200)
 - 17 arterial occlusive diseases/ or arteriosclerosis/ or arteriolosclerosis/ or arteriosclerosis obliterans/ or atherosclerosis/ or peripheral arterial disease/ or thromboangiitis obliterans/ (108435)
 - 18 embolism/ or embolism, air/ or embolism, fat/ or embolism, cholesterol/ or blue toe syndrome/ or thromboembolism/ or thrombosis/ (93506)
 - 19 16 or 17 or 18 (204332)
 - 20 13 and 19 (11781)
 - 21 exp Diagnostic Imaging/ (1787509)
 - 22 20 and 21 (2998)
 - 23 15 or 22 (3533)
 - 24 limit 23 to (abstracts and english language and humans and yr="2011 -Current") (289)
 - 25 limit 24 to "all child (0 to 18 years)" (11)
 - 26 24 not 25 (278)
 - 27 limit 26 to case reports (51)
 - 28 26 not 27 (227)
 - 29 remove duplicates from 28 (221)

Notes:

exp = explode (retrieves results using the selected term and all of its more specific terms)

Literature Search Summary

Of the 50 citations in the original bibliography, 45 were retained in the final document. Articles were removed from the original bibliography if they were more than 10 years old and did not contribute to the evidence or they were no longer cited in the revised narrative text.

A new literature search was conducted in May 2015 to identify additional evidence published since the ACR Appropriateness Criteria® *Sudden Onset of Cold, Painful Leg* topic was finalized. Using the search strategy described above, 221 articles were found. Eight articles were added to the bibliography. 213 articles were not used due to either poor study design, the articles were not relevant or generalizable to the topic, the results were unclear, misinterpreted, or biased, or the articles were already cited in the original bibliography.

The author added 1 citation from bibliographies, websites, or books that were not found in the new literature search.

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