

Literature Search
ACR Appropriateness Criteria®
Lower Extremity Chronic Venous Disease

Literature Search Performed on: 01/11/2019

Beginning Date: January 2014

End Date: December 2018

Database: Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily <1946 to January 10, 2019>

Search Strategy

- 1 *Endovascular Procedures/ and *Laser Therapy/ and *Saphenous Vein/ and *Varicose Veins/ (38)
- 2 Ultrasonography, Interventional/ and (Saphenous Vein/dg or Iliac Vein/dg) (225)
- 3 1 or 2 (262)
- 4 limit 3 to (abstracts and english language and humans and yr="2014 -Current") (76)
- 5 limit 4 to case reports (9)
- 6 4 not 5 (67)

Literature Search Performed on: 10/22/2018

Beginning Date: January 2013

End Date: September 2018

Database: Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily <1946 to October 18, 2018>

Search Strategy

- 1 May-Thurner Syndrome/ (124)
- 2 iliac vein stent.mp. (36)
- 3 Chronic deep vein thrombosis.mp. (29)
- 4 Venous Thrombosis/ (23572)
- 5 Iliac Vein/ (3943)
- 6 1 or 3 or 4 (23666)
- 7 2 and 5 and 6 (14)
- 8 6 or 7 (23666)
- 9 Lower Extremity/ (15661)
- 10 treatment.mp. (4359470)
- 11 therapy.mp. (4697892)
- 12 8 and 9 and (10 or 11) (372)
- 13 limit 12 to (abstracts and english language and humans) (251)
- 14 limit 13 to yr="2013 -Current" (134)
- 15 limit 14 to "all child (0 to 18 years)" (22)
- 16 14 not 15 (112)
- 17 remove duplicates from 16 (112)

Literature Search Performed on: 10/22/2018

Beginning Date: January 2011

End Date: September 2018

Database: Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily <1946 to October 18, 2018>

Search Strategy

- 1 May-Thurner Syndrome/ (124)
- 2 iliac vein stent.mp. (36)
- 3 Chronic deep vein thrombosis.mp. (29)
- 4 Venous Thrombosis/ (23572)

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- 5 Iliac Vein/ (3943)
- 6 1 or 3 or 4 (23666)
- 7 2 and 5 and 6 (14)
- 8 6 or 7 (23666)
- 9 Lower Extremity/ (15661)
- 10 treatment.mp. (4359470)
- 11 therapy.mp. (4697892)
- 12 8 and 9 and (10 or 11) (372)
- 13 limit 12 to (abstracts and english language and humans) (251)
- 14 limit 13 to yr="2013 -Current" (134)
- 15 limit 14 to "all child (0 to 18 years)" (22)
- 16 14 not 15 (112)
- 17 Venous Insufficiency/ (6122)
- 18 pelvic congestion syndrome.mp. (212)
- 19 Gonads/ (8432)
- 20 PELVIS/ (21369)
- 21 SCLEROTHERAPY/ (5080)
- 22 Pelvic pain.mp. or Pelvic Pain/ (9932)
- 23 gonadal vein embolization.mp. (6)
- 24 (19 or 20) and 17 (64)
- 25 Veins/ (31676)
- 26 22 and 25 (48)
- 27 18 or 21 or 23 or 24 or 26 (5352)
- 28 limit 27 to (abstracts and english language and humans) (3204)
- 29 limit 28 to yr="2011 -Current" (1028)
- 30 limit 29 to "all child (0 to 18 years)" (302)
- 31 29 not 30 (726)
- 32 Female/ (8063007)
- 33 31 and 32 (433)
- 34 Varicose Veins/ (13377)
- 35 33 and 34 (136)
- 36 remove duplicates from 35 (136)

Literature Search Performed on: 04/04/2018

Beginning Date: January 2011

End Date: March 2018

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 Venous Insufficiency/ (5954)
- 2 Venous Insufficiency/ (5954)
- 3 1 and 2 (5954)
- 4 Superficial Venous Disease.tw. (41)
- 5 PHLEBITIS/ (3613)
- 6 Varicose Veins/ (13180)
- 7 Pelvic Congestion Syndrome.tw. (196)
- 8 Pelvic Congestion Syndrome.tw. (196)

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9 Venous ulcer.tw. (638)
10 May-Thurner Syndrome/ (100)
11 Nutcracker syndrome.tw. (307)
12 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 (21956)
13 Compression Therapy.tw. (1272)
14 Foam sclerotherapy.tw. (465)
15 Compression sclerotherapy.tw. (89)
16 Endovenous ablation.tw. (170)
17 Microphlebectomy.tw. (12)
18 Surgical venous stripping.tw. (1)
19 Iliac vein stenting.tw. (55)
20 Left renal vein transposition.tw. (15)
21 Left renal vein stenting.tw. (3)
22 Ovarian vein embolization.tw. (17)
23 Iliac vein embolization.tw. (1)
24 Lower extremity catheter directed thrombolysis.tw. (1)
25 Lower extremity catheter directed thrombectomy.tw. (0)
26 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 (2031)
27 Duplex Venous Ultrasound.tw. (5)
28 CT venography.tw. (295)
29 MR venography.tw. (455)
30 Intravascular ultrasound.tw. (6540)
31 Catheter venography.tw. (55)
32 CEAP.mp. (874)
33 27 or 28 or 29 or 30 or 31 or 32 (8168)
34 12 and 26 and 33 (103)
35 lower extremity/ or buttocks/ or foot/ or knee/ or leg/ or thigh/ (123493)
36 12 and 26 (817)
37 33 or 36 (8882)
38 exp Diagnostic Imaging/ (2406833)
39 12 or 26 (23170)
40 33 and 39 (717)
41 33 or 38 (2408611)
42 39 and 41 (6222)
43 35 and 42 (1291)
44 limit 43 to (abstracts and english language and humans and yr="2011 -Current") (122)
45 limit 44 to "all child (0 to 18 years)" (16)
46 44 not 45 (106)
47 limit 46 to case reports (9)
48 46 not 47 (97)
49 remove duplicates from 48 (97)
50 limit 49 to "review" (17)

Summary

Source	#Unique Refs	#Retained Refs
Old bibliography	0	0
Literature Search(es)	349	43
Author Added	41	38

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Supporting Docs	1	1
Total		82

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.

3 of the author added references were outside the search date range.