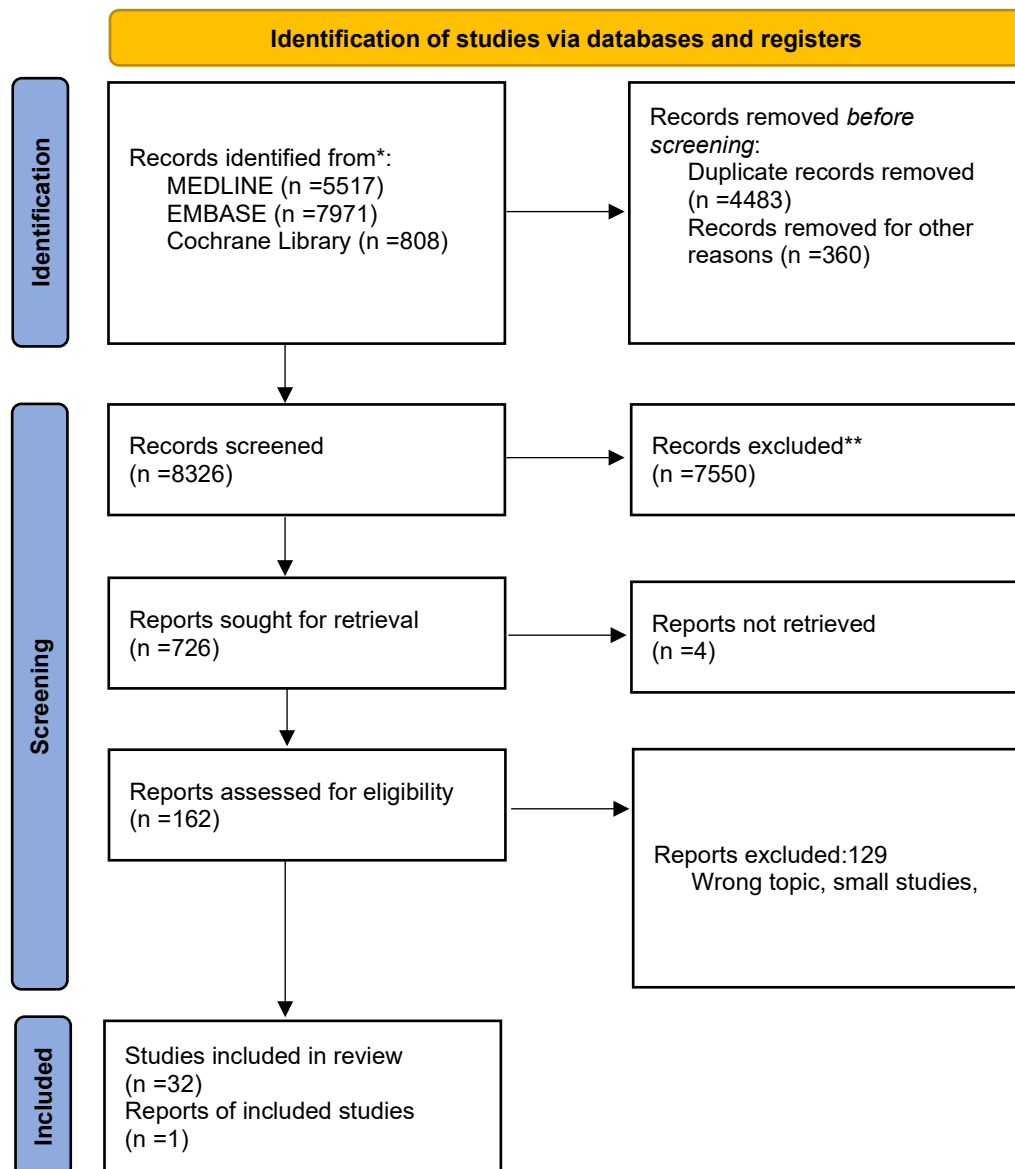


The European Society for Vascular Surgery (ESVS) 2024 Clinical Practice Guidelines on the Management of **Asymptomatic Lower Limb Peripheral Arterial Disease and Intermittent Claudication**: Literature search terms and dates

Search history Epidemiology – last systematic update Dec 2022



Ovid Medline 2022-12-05:

Mesh terms			Number of hits
Population: personer med Lower Extremity Artery Disease			
1.	exp Peripheral Vascular Diseases/ or exp peripheral arterial disease/		57493
2.	((lower limb adj4 (arter* adj3 disease)) or (lower extremity* adj4 (arter* adj3 disease)) or (peripheral adj4 arter* adj4 disease) or (PAD and (limb or extremity* or peripher* or arter* or vascular*)) or (peripheral adj4 vascular adj4 disease)).ab,ti,kf.		33915
3.	1 or 2		79042
4.	exp peripheral arterial disease/ or (exp Peripheral Vascular Diseases/ and ("lower limb" or lower extremity*).ti,ab,kf.)		14519
5.	((lower limb adj2 (arter* adj2 disease)) or (lower extremity* adj2 (arter* adj2 disease)) or (peripheral adj2 arter* adj2 disease) or (PAD and (limb or extremity* or peripher* or arter* or vascular*))).ab,ti,kf.		23803
6.	((peripheral adj2 vascular adj2 disease) and ("lower limb" or "lower extremity*")).ab,ti,kf.		1139
7.	4 or 5 or 6		31086
Focus: incidence, prevalence, natural history, definition			
8.	incidence/ or prevalence/ or (incidence or prevalence).ti,ab,kf.		1738906
9.	disease progression/ or clinical deterioration/ or ("disease progression" or "natural history").ti,ab,kf.		308528
10.	definition.ti,ab,kf.		145928
11.	8 or 9 or 10		2135669
Combined sets			
12.	3 and 11		11890
13.	limit 12 to (guideline or meta analysis or "systematic review")		301
14.	12 and (guideline or "meta-analys*" or "meta-stud*" or "systematic review").ti,ab,kf.		421
15.	13 or 14		471
16.	7 and 11		6345
17.	15 or 16		6492
Exclusion of animal studies and studies concerning children			
18.	(animals not (animals and humans)).sh.		5037851
19.	17 not 18		6445
20.	(pediatric or paediatric or children).ti.		743413
21.	19 not 20		6419
Limit: English, year 2000-			
22.	limit 21 to english language		5957
23.	limit 22 to yr="2000 -Current"		5359
Limit: asymptomatic			
24.	Asymptomatic Diseases/ or (asymptomatic* or silent or subclinical or sub-clinical or presymptomatic or pre-symptomatic).ti,ab,kf.		279910
25.	23 and 24		509
26.	23 not 25		4850
Limit: database update 2021 October –			
27.	(202110* or 202111* or 202112* or 2022*).dt,ez,da.		2332111
28.	23 and 27		666
29.	25 and 27		32

30.	26 and 27	634
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Updated Search Medline Total 666

32 is likely to be more about asymptomatic LEAD compared to the other 634

Embase.com 2022-12-06:

Search tremms		Number of hits
Population: personer med Lower Extremity Artery Disease		
1.	'peripheral occlusive artery disease'/mj OR 'artery occlusion'/mj OR 'iliac artery obstruction'/mj OR 'peripheral vascular disease'/de	60921
2.	((('lower limb' NEAR/4 arterial NEAR/3 disease):ti,ab,kw) OR (('lower extremity' NEAR/4 arterial NEAR/3 disease):ti,ab,kw) OR ((peripheral NEAR/4 arter* NEAR/4 disease):ti,ab,kw) OR ((peripheral NEAR/4 vascular NEAR/4 disease):ti,ab,kw)	50003
3.	pad:ti,ab,kw AND (limb:ti,ab,kw OR extremi*:ti,ab,kw OR peripher*:ti,ab,kw OR arter*:ti,ab,kw OR vascular*:ti,ab,kw)	16443
4.	#1 OR #2 OR #3	92480
5.	(#1 OR #2 OR #3) AND ([cochrane review]/lim OR [systematic review]/lim OR [meta analysis]/lim)	2185
6.	guideline:ti,ab,kw OR 'meta stud*':ti,ab,kw OR 'meta analys*':ti,ab,kw OR 'systematic review':ti,ab,kw	585987
7.	#4 AND #6	2588
8.	#5 OR #7	3259
9.	'peripheral occlusive artery disease'/mj OR 'artery occlusion'/mj OR 'iliac artery obstruction'/mj OR ('peripheral vascular disease'/de AND ('lower limb':ti,ab,kw OR 'lower extremi*':ti,ab,kw))	36515
10.	((('lower limb' NEAR/2 arterial NEAR/2 disease):ti,ab,kw) OR (('lower extremity' NEAR/2 arterial NEAR/2 disease):ti,ab,kw) OR ((peripheral NEAR/2 arter* NEAR/2 disease):ti,ab,kw) OR ((peripheral NEAR/2 vascular NEAR/2 disease):ti,ab,kw)	49016
11.	pad:ti,ab,kw AND (limb:ti,ab,kw OR extremi*:ti,ab,kw OR peripher*:ti,ab,kw OR arter*:ti,ab,kw OR vascular*:ti,ab,kw)	16443
12.	#9 OR #10 OR #11	76814
13.	#8 OR #12	77282
Focus: incidence, prevalence, natural history, definition		
14.	'prevalence'/exp OR prevalence:ti,ab,kw OR incidence:ti,ab,kw OR 'incidence'/exp	2607199
15.	definition*:ti,ab,kw	270678
16.	'disease exacerbation'/exp OR 'disease exacerbation':ti,ab,kw OR 'disease progression':ti,ab,kw	316534
17.	'natural history':ti,ab,kw	76986
18.	'deterioration'/exp OR 'deterioration':ti,ab,kw	159369
19.	#14 OR #15 OR #16 OR #17 OR #18	3302167
Combined sets		
20.	#13 AND #19	15297
Exclusion of animal studies and studies concerning children		

21.	'animal'/exp NOT 'human'/exp	5879431
22.	#20 NOT #21	15137
23.	pediatric:ti OR paediatric:ti OR children:ti	1033651
24.	#22 NOT #23	15089
Limit: engelska, årtal 2000- , exkluderer av conference abstracts		
25.	#22 NOT #23 AND [english]/lim	14081
26.	#22 NOT #23 AND [english]/lim AND [2000-2022]/py	12804
27.	#22 NOT #23 AND [english]/lim AND [2000-2022]/py AND [conference abstract]/lim	5058
28.	#26 NOT #27	7746
Limit: asymptomatic		
29.	'asymptomatic disease'/de OR asymptomatic*:ti,ab,kw OR silent:ti,ab,kw OR subclinical:ti,ab,kw OR 'sub clinical':ti,ab,kw OR presymptomatic*:ti,ab,kw OR 'pre-symptomatic':ti,ab,kw	408259
30.	#28 AND #29	664
31.	#28 NOT #30	7082
Limit: database update 2021 October 7:th –		
32	#26 NOT #27 AND [07-10-2021]/sd	1006
33	#28 AND #29 AND [07-10-2021]/sd	51
34	#28 NOT #30 AND [07-10-2021]/sd	955

Updated search Embase Total 1006

51 is likely to be more asymptomatic LEAD than the other 955

Cochrane Wiley 2022-12-07:

Mesh tremes		Number of hits
Population: personer med Lower Extremity Artery Disease		
1.	MeSH descriptor: [Peripheral Vascular Diseases] explode all trees	3462
2.	("lower limb" OR "lower extremity"):ti,ab,kw	9790
3.	#1 and #2	193
4.	MeSH descriptor: [Peripheral Arterial Disease] explode all trees	1256
5.	((("lower limb" NEAR/2 (arter* NEAR/2 disease)) OR ("lower extremity" NEAR/3 (arter* NEAR/2 disease)) OR (peripheral NEAR/2 arter* NEAR/2 disease) OR (PAD AND (limb or extremity* or peripher* or arter* or vascular*)))):ti,ab,kw	5235
6.	((peripheral NEAR/2 vascular NEAR/2 disease) AND ("lower limb" OR "lower extremity")):ti,ab,kw	87
7.	#3 OR #4 OR #5 OR #6	5346
Fokus: incidence, prevalence, natural history, definition		
8.	MeSH descriptor: [Incidence] this term only	10789
9.	MeSH descriptor: [Prevalence] this term only	4986
10.	MeSH descriptor: [Disease Progression] this term only	7431
11.	MeSH descriptor: [Clinical Deterioration] this term only	29
12.	(incidence OR prevalence OR "disease progression" OR "natural history" OR definition):ti,ab,kw	202430
13.	#8 OR #9 OR #10 OR #11 OR #12	202456

Combined sets			
	14.	#7 AND #13	867
Exclusion of animal studies and studies concerning children			
	15.	MeSH descriptor: [Animals] explode all trees	658266
	16.	MeSH descriptor: [Humans] explode all trees	658253
	17.	#15 NOT #16	13
	18.	#14 NOT #17	867
	19.	(pediatric OR paediatric OR children):ti	86305
	20.	#18 NOT #19	861
Limit: år 2000- , database update 2021 October 7:th -			
		#18 NOT #19	96
Limit: asymptomatic			
	21.	MeSH descriptor: [Asymptomatic Diseases] this term only	217
	22.	(asymptomatic* or silent or subclinical or sub-clinical or presymptomatic or pre-symptomatic):ti,ab,kw	18015
	23.	#21 OR #22	18015
	24.	#20 AND #23	52
	25.	#20 NOT #24	809
Limit: år 2000- , database update 2021 October 7:th -			
		#20 AND #23	5
		#20 NOT #24	91

Updated Search Cochrane Total 96 (of which 1 Cochrane Review and 95 Trials).

5 is probably more about asymptomatic LEAD compared to the other 91.

Of the 5, 0 were Cochrane Reviews and 5 Trials.

Of the 91, 1 was Cochrane Reviews and 90 Trials.

Before duplicate cleanup a total of 1768 hits. (88 asymptomatic and 1680 others)

After duplicate cleaning, a total of 1282 remains. (61 asymptomatic and 1221 others)

Medline: 658 hits (32 asymptomatic and 626 others of which 3 Letter)

Embase: 563 hits(26 asymptomatic and 537 others of which 9 Letter, 5 Note, 1 Short Survey)

Cochrane: 61 hits (3 asymptomatic, of which 3 Trials and 58 others, of which 1 SR and 57 Trials)

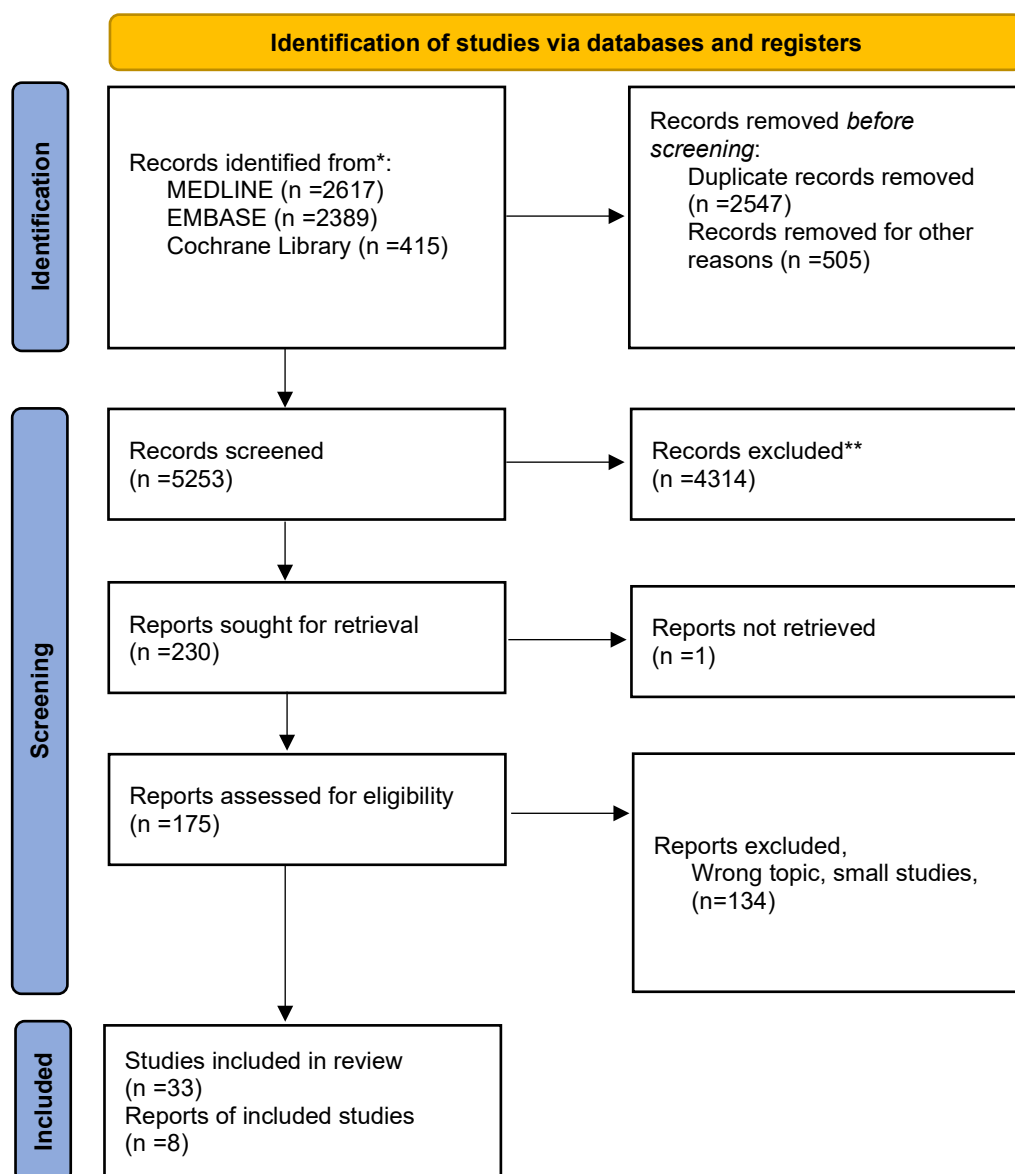
After reconciliation with previous search results, a total of 966 hits remain (50 asymptomatic and 916 others) :

Medline: 494 hits (29 asymptomatic and 465 others, of which 3 Letter)

Embase: 413 hits (18 asymptomatic and 395 others, of which 8 Letter, 5 Note, 1 Short Survey)

Cochrane: 59 hits (3 asymptomatic, of which 3 Trials and 56 others, of which 1 SR and 55 Trials)

Search History for ankle-brachial index (ABI), last systematic update November 2022



Search History ABI – up dated 2022-11-30

Ovid Medline 20221130:

Terms			Number
Population: persons with Lower Extremity Artery Disease			
1.	Ischemia/ and (exp Lower Extremity/ or (leg or chronic or limb or leg or "lower extremit*").ti,ab,kf.)		18428
2.	((chronic or limb or leg or "lower extremit*") adj3 isch?emia).ti,ab,kf.		18261
3.	claudication.ab,ti,kf		11865
4.	exp Peripheral Vascular Diseases/ or exp peripheral arterial disease/ or exp intermittent claudication/		63972

5.	((lower limb adj4 (arter* adj3 disease)) or (lower extremity* adj4 (arter* adj3 disease)) or (peripheral adj4 arter* adj4 disease) or PAD or (peripheral adj4 vascular adj4 disease)).ab,ti,kf.	53079
6.	1 or 2 or 3 or 4 or 5	128224
Intervention: Ankle Brachial Index		
7.	exp Ankle Brachial Index/ or (abi or ankle brachial index).ti,ab,kf.	12088
Combined set		
8.	6 and 7	4718
Exclusion of animals and children		
9.	(animals not (animals and humans)).sh.	5036045
10.	8 not 9	4715
11.	(pediatric or paediatric or children).ti.	742777
12.	10 not 11	4706
Limit: English year 2013-		
13.	limit 12 to english language	4399
14.	limit 13 to yr="2013 -Current"	2521
Limit: database update 2021 September –		
15.	(202109* or 202110* or 202111* or 202112* or 2022*).dt,ez,da.	2476104
16.	14 and 15	413

Embase.com 20221130:

Terms		Number
Population: Persons with Lower Extremity Artery Disease		
1.	'peripheral occlusive artery disease'/mj OR 'claudication'/exp OR 'artery occlusion'/mj OR 'iliac artery obstruction'/mj OR 'peripheral vascular disease'/de OR 'limb ischemia'/de OR 'critical limb ischemia'/de	90996
2.	claudication:ti,ab,kw	16638
3.	('lower limb' NEAR/4 arterial NEAR/3 disease):ti,ab,kw	453
4.	('lower extremity' NEAR/4 arterial NEAR/3 disease):ti,ab,kw	1188
5.	(peripheral NEAR/4 arter* NEAR/4 disease):ti,ab,kw	34262
6.	pad:ti,ab,kw	45109
7.	(peripheral NEAR/4 vascular NEAR/4 disease):ti,ab,kw	17782
8.	((critical OR severe OR chronic OR limb OR leg OR 'lower extremity*') NEAR/3 ischemia):ti,ab,kw	33545
9.	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8	165588
Intervention: Ankle Brachial Index		
10.	'ankle brachial index'/exp OR 'ankle brachial index' OR abi:ti,ab,kw	24745
Combined set		
11.	9 AND 10	9674
Exclusion of animals and children		
12.	'animal'/exp NOT 'human'/exp	5877044
13.	#11 NOT #12	9657
14.	pediatric:ti OR paediatric:ti OR children:ti	1032690
15.	#13 NOT #14	9643
Limit: english year 2013- and exclusion of conference abstracts		
16.	#13 NOT #14 AND [2013-2022]/py	5879
17.	#13 NOT #14 AND [2013-2022]/py AND [conference abstract]/lim	1599

18.	#16 NOT #17	4280
19.	#16 NOT #17 AND [english]/lim	4107
Limit: database update 2021 September 15:th –		
20.	#16 NOT #17 AND [english]/lim AND [15-09-2021]/sd	731

Cochrane Wiley 20210909-20221130:

Terms		Number
Population: persons with Lower Extremity Artery Disease		
1.	MeSH descriptor: [Ischemia] this term only	2375
2.	MeSH descriptor: [Lower Extremity] explode all trees	7858
3.	(chronic OR limb OR leg OR "lower extremit*"):ti,ab,kw	208589
4.	#2 OR #3	211605
5.	#1 AND #4	888
6.	((leg NEAR/3 ischemia) OR ("lower extremit*" NEAR/3 ischemia) OR (chronic NEAR/3 ischemia) OR (limb NEAR/3 ischemia)):ti,ab,kw	2188
7.	((leg NEAR/3 ischaemia) OR ("lower extremit*" NEAR/3 ischaemia) OR (chronic NEAR/3 ischaemia) OR (limb NEAR/3 ischaemia)):ti,ab,kw	33
8.	claudication:ti,ab,kw	2800
9.	MeSH descriptor: [Peripheral Vascular Diseases] explode all trees	3461
10.	MeSH descriptor: [Peripheral Arterial Disease] explode all trees	1256
11.	MeSH descriptor: [Intermittent Claudication] explode all trees	995
12.	((("lower limb" NEAR/4 (arter* NEAR/3 disease)) OR ("lower extremit*" NEAR/4 (arter* NEAR/3 disease)) OR (peripheral NEAR/4 arter* NEAR/4 disease) OR PAD OR (peripheral NEAR/4 vascular NEAR/4 disease)):ti,ab,kw	10330
13.	#5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12	15429
Intervention: Ankle Brachial Index		
14.	MeSH descriptor: [Ankle Brachial Index] explode all trees	239
15.	("ankle-brachial index" or ABI):ti,ab,kw	2334
16.	#14 OR #15	2334
Combined set		
17.	#13 AND #16	1080
Exclusion of children and animals		
18.	MeSH descriptor: [Animals] explode all trees	658211
19.	MeSH descriptor: [Humans] explode all trees	658199
20.	#18 NOT #19	12
21.	#17 NOT #20	1080
22.	(pediatric OR paediatric OR children):ti	86304
23.	#21 NOT #22	1079
Limit: year 2013- , database update 2021 September 14:th -		
	#21 NOT #22	87

Of the 87 Cochrane references, 2 were Cochrane Reviews and 85 Trials.

Before exclusion of duplicate a total of 1316 hits

After exclusion duplicate, a total of 906 hits remain:

Medline: 404 hits (of which 1 comment, 1 erratum, 4 letter)

Embase: 452 hits (of which 1 erratum, 11 letter, 11 note)

Cochrane: 50 trials (0 Cochrane Reviews)

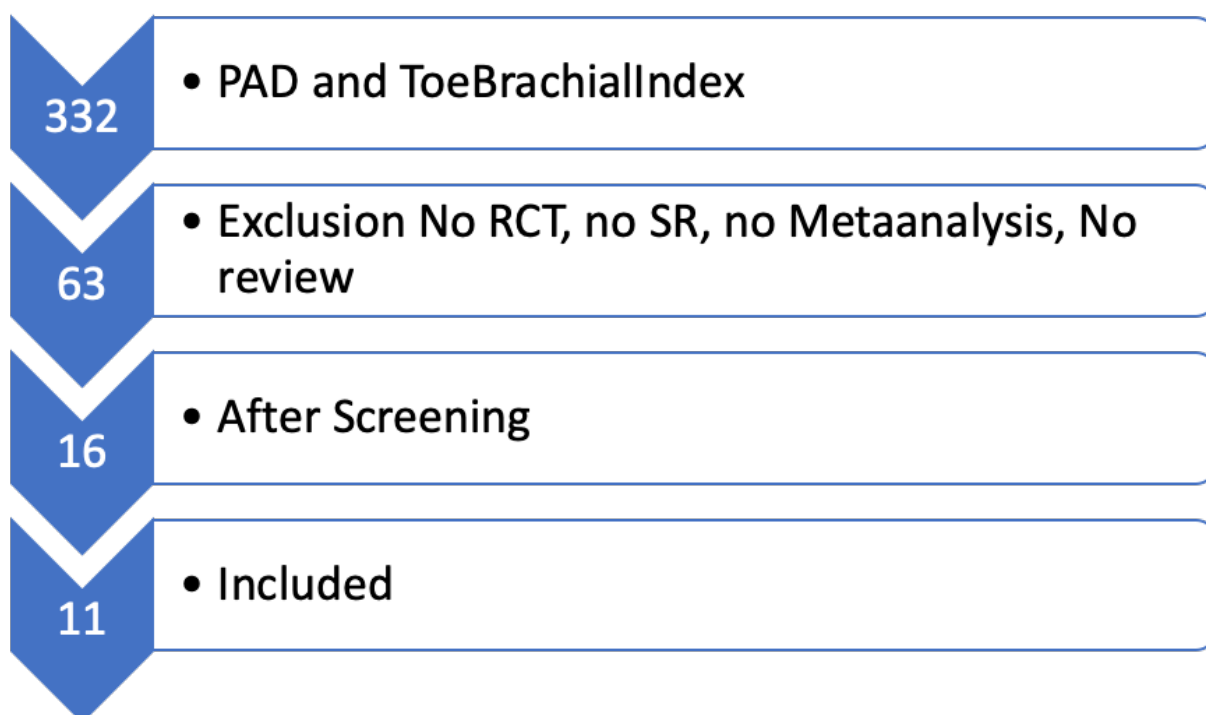
After reconciliation with previous search results, a total of 709 hits remain:

Medline: 293 hits (1 comment, 1 erratum, 4 letter)

Embase: 368 hits (of which 1 erratum, 11 letter, 11 note)

Cochrane: 48 trials (0 Cochrane Reviews)

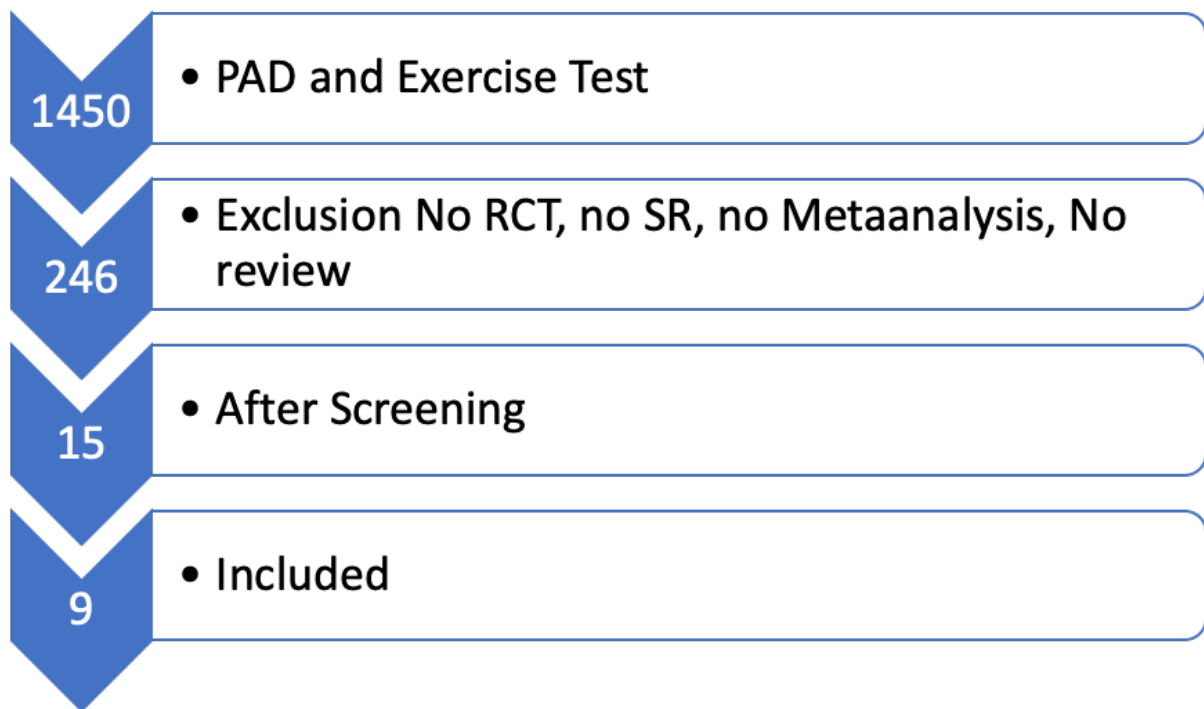
Updated search, to-pressures and toe-brachial index



#	Search Strategy	Results from 4 Apr 2023
1	Ischemia/ and (exp Lower Extremity/ or (leg or chronic or limb or leg or "lower extremit*").ti,ab,kf.)	18,651
2	((chronic or limb or leg or "lower extremit*") adj3 isch?emia).ti,ab,kf.	16,377
3	claudication.ab,ti,kf.	10,826
4	exp Peripheral Vascular Diseases/ or exp peripheral arterial disease/ or exp intermittent claudication/	64,419
5	((lower limb adj4 (arter\$ adj3 disease)) or (lower extremity adj4 (arter\$ adj3 disease)) or (peripheral adj4 arter\$ adj4 disease) or PAD or (peripheral adj4 vascular adj4 disease)).ab,ti,kf.	47,309
6	1 or 2 or 3 or 4 or 5	120,490
7	toe pressure.mp.	219
8	toe brachial index.mp.	212

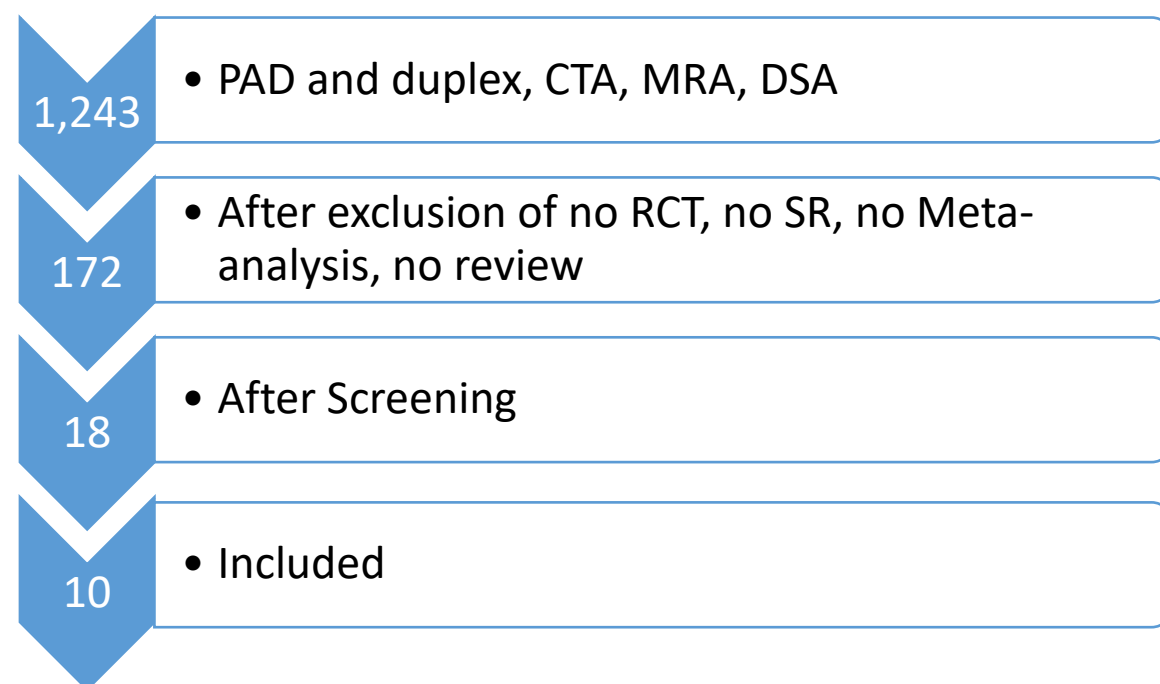
9	limit 8 to (english language and "all adult (19 plus years)")	146
10	7 or 8	400
11	6 and 10	332

Updated search, exercise tests



#	Search Strategy	Results from 4 Apr 2023
1	Ischemia/ and (exp Lower Extremity/ or (leg or chronic or limb or leg or "lower extremit*").ti,ab,kf.)	18,651
2	((chronic or limb or leg or "lower extremit*") adj3 isch?emia).ti,ab,kf.	16,377
3	claudication.ab,ti,kf.	10,826
4	exp Peripheral Vascular Diseases/ or exp peripheral arterial disease/ or exp intermittent claudication/	64,419
5	((lower limb adj4 (arter\$ adj3 disease)) or (lower extremity adj4 (arter\$ adj3 disease)) or (peripheral adj4 arter\$ adj4 disease) or PAD or (peripheral adj4 vascular adj4 disease)).ab,ti,kf.	47,309
6	1 or 2 or 3 or 4 or 5	120,490
12	Exercise Test/	68,422
13	6 and 12	1,450

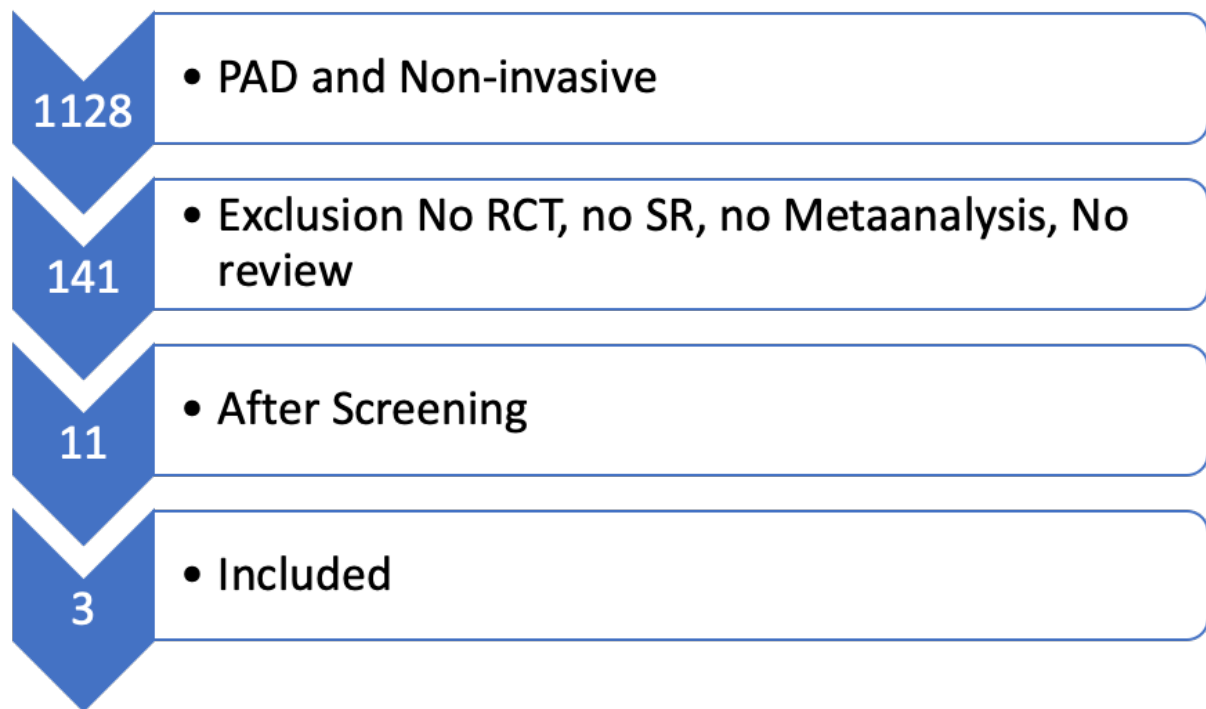
Updated search, medical imaging in PAD (duplex, DSA, MRA and CTA), last updated in November 2022



Search terms

#	Search	Results
1	"Peripheral Arterial Disease"[Mesh] OR "peripheral arterial disease*" [tiab] OR "peripheral artery disease*" [tiab] OR "Peripheral Vascular Diseases"[Mesh] OR "peripheral vascular disease*" [tiab] OR "Intermittent Claudication"[Mesh] OR "intermittent claudication" [tiab] OR ("Ischemia"[Mesh:NoExp] AND ("Lower Extremity"[Mesh] OR "lower extremit*" [tiab] OR leg [tiab] OR legs [tiab] OR "lower limb*" [tiab] OR chronic [tiab]))	93,107
2	("Ultrasonography, Doppler, Duplex"[Majr] OR "duplex ultrasonography" [ti] OR "duplex ultrasound" [ti] OR DUS [ti] OR "Tomography, X-Ray Computed"[Majr] OR tomography [ti] OR CTA [ti] OR "Magnetic Resonance Angiography"[Majr] OR "Angiography"[Majr] OR angiograph* [ti] OR MRA [ti])	319,341
3	("Sensitivity and Specificity"[Majr] OR specificit* [tw] OR screening [tw] OR accura* [tw] OR reference value* [tw] OR false positive [tw] OR false negative [tw] OR predictive value* [tw] OR roc [tw] OR likelyhood* [tw] OR likelihood* [tw])	3,160,845
4	#1 AND #2 AND #3	1,256
5	#4 AND NOT (animals [mh] NOT humans [mh])	1,242

Updated search, other non-invasive tests



#	Search Strategy	Results from 4 Apr 2023
1	Ischemia/ and (exp Lower Extremity/ or (leg or chronic or limb or leg or "lower extremit*").ti,ab,kf.)	18,651
2	((chronic or limb or leg or "lower extremit*") adj3 isch?emia).ti,ab,kf.	16,377
3	claudication.ab,ti,kf.	10,826
4	exp Peripheral Vascular Diseases/ or exp peripheral arterial disease/ or exp intermittent claudication/	64,419
5	((lower limb adj4 (arter\$ adj3 disease)) or (lower extremity adj4 (arter\$ adj3 disease)) or (peripheral adj4 arter\$ adj4 disease) or PAD or (peripheral adj4 vascular adj4 disease)).ab,ti,kf.	47,309
6	1 or 2 or 3 or 4 or 5	120,490
14	non-invasive.mp.	88,452
15	6 and 14	1,128

Search question: patient-reported outcomes (PROMs) in PAD

Limitations

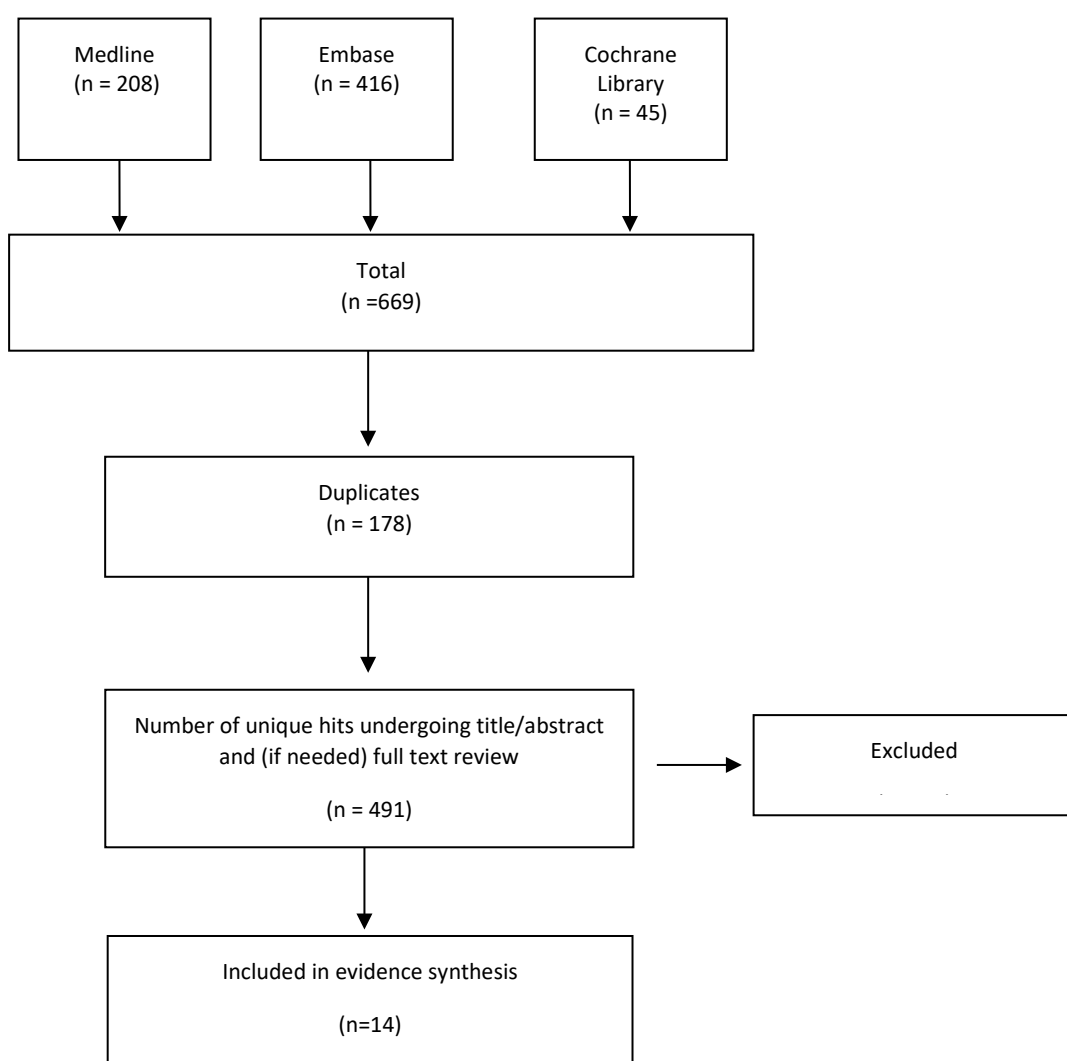
Language: English

Study type: systematic reviews only

Search results: 491

Databases: Medline, Embase, Cochrane library

Search strategies: see below



Database: Ovid MEDLINE(R) ALL (OvidSP)

Date: 2021-09-22

No of results: 208 ref

#	Searches	Results
1	Ischemia/ and (exp Lower Extremity/ or (leg or chronic or limb or leg or "lower extremit*").ti,ab,kf.)	17570
2	((chronic or limb or leg or "lower extremit*") adj3 isch?emia).ti,ab,kf.	16915
3	claudication.ab,ti,kf.	11315
4	exp Peripheral Vascular Diseases/ or exp peripheral arterial disease/ or exp intermittent claudication/	61662
5	((lower limb adj4 (arter\$ adj3 disease)) or (lower extremity adj4 (arter\$ adj3 disease)) or (peripheral adj4 arter\$ adj4 disease) or PAD or (peripheral adj4 vascular adj4 disease)).ab,ti,kf.	49035
6	1 or 2 or 3 or 4 or 5	122218
7	patient reported outcome measures/ or "Quality of Life"/ or Self Report/	261287
8	(VascuQoL or VascuQoL-6 or Intermittent Claudication Questionnaire or Peripheral Artery Questionnaire or PADQOL or Short Form 36 or SF-36 or RAND-36 or EQ5D or Walking Impairment Questionnaire or WIQ).ab,kf,ti.	28704
9	(PRO or PROM or PROMS or HRQOL or HR-QOL).ab,kf,ti.	241089
10	(patient reported outcome\$ or patient reported or self-report\$ or health related quality of life).ab,kf,ti.	256582
11	7 or 8 or 9 or 10	660237
12	6 and 11	3625
13	Meta-Analysis.pt.	142253
14	Meta-analysis/ or Systematic review/ or exp Meta-analysis as topic/ or Systematic Reviews as Topic/ or exp Technology assessment, biomedical/	272639
15	((systematic* adj3 (review* or overview*)) or (methodologic* adj3 (review* or overview*))).ab,kf,ti.	241126
16	((quantitative adj3 (review* or overview* or syntheses*)) or (research adj3 (integrati* or overview*))).ab,kf,ti.	12708
17	((integrative adj3 (review* or overview*)) or (collaborative adj3 (review* or overview*)) or (pool* adj3 analy*)).ab,kf,ti.	31832
18	(data syntheses* or data extraction* or data abstraction*).ab,kf,ti.	32192
19	(handsearch* or hand search*).ab,kf,ti.	10054
20	(mantel haenszel or peto or der simonian or dersimonian or fixed effect* or latin square*).ab,kf,ti.	30042
21	(met analy* or metanaly* or technology assessment* or HTA or HTAs or technology overview* or technology appraisal*).ab,kf,ti.	10472
22	(meta regression* or metaregression*).ab,kf,ti.	11196
23	(meta-analy* or metaanaly* or systematic review* or biomedical technology assessment* or bio-medical technology assessment*).mp,hw.	370840
24	(medline or cochrane or pubmed or medlars or embase or cinahl).ab,hw,ti.	268458
25	(cochrane or (health adj2 technology assessment) or evidence report).jw.	20379
26	(comparative adj3 (efficacy or effectiveness)).ab,kf,ti.	15144
27	(outcomes research or relative effectiveness).ab,kf,ti.	10199
28	((indirect or indirect treatment or mixed-treatment) adj comparison*).ab,kf,ti.	2444
29	or/13-28	553500
30	12 and 29	217
31	(animals not (animals and humans)).sh.	4855191

32	(animal or animals or rat or rats or mouse or mice or rodent or rodents or dog or dogs or cat or cats or hamster or hamsters or rabbit or rabbits or swine or murine or sheep).ti.	1983004
33	31 or 32	5227680
34	30 not 33	216
35	(pediatric or paediatric or children).ti.	695267
36	34 not 35	215
37	limit 36 to english language	208

Database: Embase 1974 to 2021 September 21

Date: 2021-09-22

No of results: 416 ref

#	Searches	Results
1	exp limb ischemia/	17696
2	((chronic or limb or leg or "lower extremity") adj3 isch?emia).ab,kw,ti.	24314
3	claudication.ab,kw,ti.	14998
4	exp *peripheral occlusive artery disease/ or *peripheral vascular disease/	82473
5	((lower limb adj4 (arter\$ adj3 disease)) or (lower extremity adj4 (arter\$ adj3 disease)) or (peripheral adj4 arter\$ adj4 disease) or PAD or (peripheral adj4 vascular adj4 disease)).ab,kw,ti.	73170
6	1 or 2 or 3 or 4 or 5	170039
7	exp patient-reported outcome/ or exp short form 36/ or "quality of life"/ or "quality of life assessment"/ or exp "european quality of life 5 dimensions questionnaire"/ or *self report/	577377
8	(VascuQoL or VascuQoL-6 or Intermittent Claudication Questionnaire or Peripheral Artery Questionnaire or PADQOL or Short Form 36 or SF-36 or RAND-36 or EQ5D or Walking Impairment Questionnaire or WIQ).ab,kw,ti.	46454
9	(PRO or PROM or PROMS or HRQOL or HR-QOL).ab,kw,ti.	364997
10	(patient reported outcome\$ or patient reported or self-report\$ or health related quality of life).ab,kw,ti.	360142
11	7 or 8 or 9 or 10	1136102
12	6 and 11	8239
13	exp meta analysis/ or exp "systematic review"/ or "meta analysis (topic)"/ or "systematic review (topic)"/ or biomedical technology assessment/	488004
14	((systematic* adj3 (review* or overview*)) or (methodologic* adj3 (review* or overview*))).ab,kw,ti.	295555
15	((quantitative adj3 (review* or overview* or syntheses*)) or (research adj3 (integrati* or overview*))).ab,kw,ti.	14959
16	((integrative adj3 (review* or overview*)) or (collaborative adj3 (review* or overview*)) or (pool* adj3 analy*)).ab,kw,ti.	45022
17	(data syntheses* or data extraction* or data abstraction*).ab,kw,ti.	39609
18	(handsearch* or hand search*).ab,kw,ti.	12227
19	(mantel haenszel or peto or der simonian or dersimonian or fixed effect* or latin square*).ab,kw,ti.	39729
20	(met analy* or metanaly* or technology assessment* or HTA or HTAs or technology overview* or technology appraisal*).ab,kw,ti.	16400

21	(meta regression* or metaregression*).ab,kw,ti.	13879
22	(meta-analy* or metaanaly* or systematic review* or biomedical technology assessment* or bio-medical technology assessment*).mp,hw.	585585
23	(medline or cochrane or pubmed or medlars or embase or cinahl).ab,hw,ti.	352216
24	(cochrane or (health adj2 technology assessment) or evidence report).jx.	28457
25	(comparative adj3 (efficacy or effectiveness)).ab,kw,ti.	21158
26	(outcomes research or relative effectiveness).ab,kw,ti.	13901
27	((indirect or indirect treatment or mixed-treatment) adj comparison*).ab,kw,ti.	4515
28	or/13-27	801185
29	12 and 28	573
30	(animal not (animal and human)).sh.	1121093
31	(animal or animals or rat or rats or mouse or mice or rodent or rodents or dog or dogs or cat or cats or hamster or hamsters or rabbit or rabbits or swine or murine or sheep).ti.	2102588
32	30 or 31	2968189
33	29 not 32	571
34	(pediatric or paediatric or children).ti.	857466
35	33 not 34	571
36	limit 35 to (embase or medline)	426
37	limit 36 to english language	416

Database: The Cochrane Library

Date: 2021-09-10

No of results: 45 ref

Cochrane reviews: 45

ID	Search	Hits
#1	MeSH descriptor: [Ischemia] explode all trees	14501
#2	MeSH descriptor: [Lower Extremity] explode all trees	7412
#3	(leg or chronic or limb or leg or "lower extremit*"):ti,ab,kw (Word variations have been searched)	196622
#4	#2 OR #3	199330
#5	#1 AND #4	1615
#6	((((chronic or limb or leg or "lower extremit*") near/3 (ischemia or ischaemia)))):ti,ab,kw (Word variations have been searched)	2022
#7	(claudication):ti,ab,kw (Word variations have been searched)	2658
#8	MeSH descriptor: [Peripheral Vascular Diseases] explode all trees	3330
#9	MeSH descriptor: [Peripheral Arterial Disease] explode all trees	1137
#10	MeSH descriptor: [Intermittent Claudication] explode all trees	961
#11	((((lower limb near/4 (arter\$ near/3 disease)) or (lower extremity near/4 (arter\$ near/3 disease)) or (peripheral near/4 arter\$ near/4 disease) or PAD or (peripheral near/4 vascular near/4 disease)))):ti,ab,kw (Word variations have been searched)	8154
#12	#5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11	14397

#13	MeSH descriptor: [Patient Reported Outcome Measures] explode all trees	792
#14	MeSH descriptor: [Quality of Life] explode all trees	26204
#15	MeSH descriptor: [Self Report] explode all trees	2458
#16	((VascuQoL or VascuQoL-6 or "Intermittent Claudication Questionnaire" or "Peripheral Artery Questionnaire" or PADQOL or "Short Form 36" or SF-36 or RAND-36 or EQ5D or "Walking Impairment Questionnaire" or WIQ)):ti,ab,kw (Word variations have been searched)	15175
#17	(PRO or PROM or PROMS or HRQOL or HR-QOL):ti,ab,kw (Word variations have been searched)	24398
#18	("patient reported" or "self-report" or "self-reported" or "health related quality of life"):ti,ab,kw (Word variations have been searched)	71314
#19	#13 OR #14 OR #15 OR #16 OR #17 OR #18	114793
#20	#12 AND #19	1521
#21	(clinicaltrials OR trialsearch):so	375575
#22	#20 NOT #21	1096
#23	(conference abstract):pt	180755
#24	#22 NOT #23	855
	Cochrane reviews only	45

Search question: patient-reported outcomes (PROMs) in PAD (last systematic updated search)

Date: 2022-09-22 to 2022-11-17

Limitations

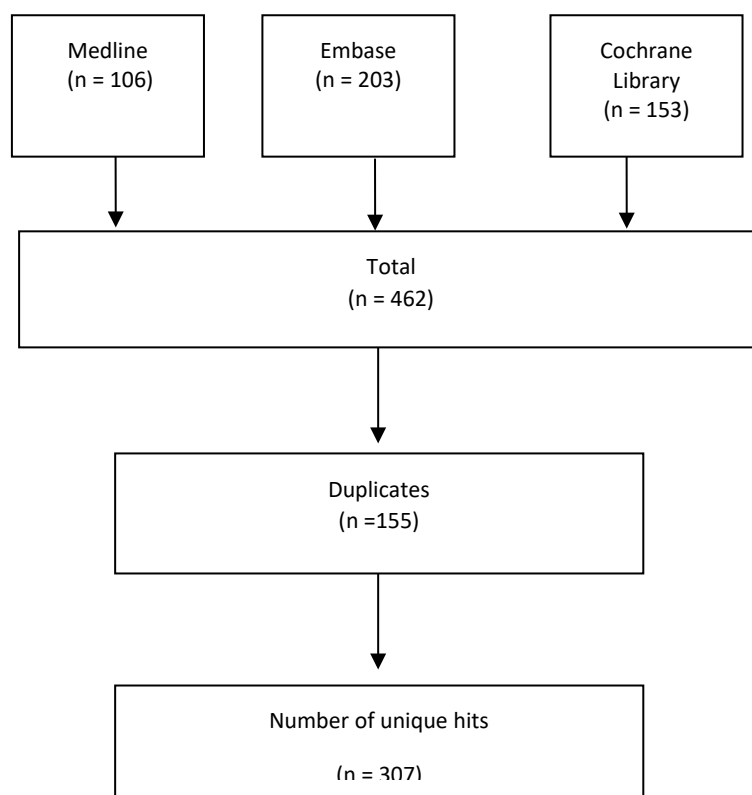
Language: English

Study type: systematic reviews only

Search results: 307

Databases: Medline, Embase, Cochrane library

Search strategies: see page 2



Database: Ovid MEDLINE(R) ALL (OvidSP)

Date: 2022-11-17

No of results: 106 ref

#	Searches	Results
1	Ischemia/ and (exp Lower Extremity/ or (leg or chronic or limb or leg or "lower extremit*").ti,ab,kf.)	18405
2	((chronic or limb or leg or "lower extremit*") adj3 isch?emia).ti,ab,kf.	18200
3	claudication.ab,ti,kf.	11841
4	exp Peripheral Vascular Diseases/ or exp peripheral arterial disease/ or exp intermittent claudication/	63908
5	((lower limb adj4 (arter\$ adj3 disease)) or (lower extremity adj4 (arter\$ adj3 disease)) or (peripheral adj4 arter\$ adj4 disease) or PAD or (peripheral adj4 vascular adj4 disease)).ab,ti,kf.	52810
6	1 or 2 or 3 or 4 or 5	127920
7	patient reported outcome measures/ or "Quality of Life"/ or Self Report/	298910
8	(VascuQoL or VascuQoL-6 or Intermittent Claudication Questionnaire or Peripheral Artery Questionnaire or PADQOL or Short Form 36 or SF-36 or RAND-36 or EQ5D or Walking Impairment Questionnaire or WIQ).ab,kf,ti.	30761
9	(PRO or PROM or PROMS or HRQOL or HR-QOL).ab,kf,ti.	266775
10	(patient reported outcome\$ or patient reported or self-report\$ or health related quality of life).ab,kf,ti.	288557
11	7 or 8 or 9 or 10	738212
12	6 and 11	4058
13	(Randomized Controlled Trial or Controlled Clinical Trial or Pragmatic Clinical Trial or Equivalence Trial or Clinical Trial, Phase III).pt.	675938
14	exp Randomized Controlled Trial/ or exp Randomized Controlled Trials as Topic/ or Controlled Clinical Trial/ or exp Controlled Clinical Trials as Topic/ or Random Allocation/ or Double-Blind Method/ or Single-Blind Method/ or Placebos/ or Control Groups/	949339
15	(random* or sham or placebo*).ti,ab,hw,kf.	1748969
16	((singl* or doubl*) adj (blind* or dumm* or mask*)).ti,ab,hw,kf.	261989
17	((tripl* or trebl*) adj (blind* or dumm* or mask*)).ti,ab,hw,kf.	1492
18	(control* adj3 (study or studies or trial* or group*)).ti,ab,kf.	1175624
19	(Nonrandom* or non random* or non-random* or quasi-random* or quasirandom*).ti,ab,hw,kf.	52389
20	allocated.ti,ab,hw.	80120
21	((open label or open-label) adj5 (study or studies or trial*)).ti,ab,hw,kf.	42700
22	((equivalence or superiority or non-inferiority or noninferiority) adj3 (study or studies or trial*)).ti,ab,hw,kf.	11342
23	(pragmatic study or pragmatic studies).ti,ab,hw,kf.	557
24	((pragmatic or practical) adj3 trial*).ti,ab,hw,kf.	7263
25	((quasiexperimental or quasi-experimental) adj3 (study or studies or trial*)).ti,ab,hw,kf.	11187
26	(phase adj3 (III or "3")) adj3 (study or studies or trial*).ti,hw,kf.	34224
27	or/13-26	2508730
28	Meta-Analysis.pt.	170950
29	Meta-analysis/ or Systematic review/ or exp Meta-analysis as topic/ or Systematic Reviews as Topic/ or exp Technology assessment, biomedical/	328521
30	((systematic* adj3 (review* or overview*)) or (methodologic* adj3 (review* or overview*))).ab,kf,ti.	292009
31	((quantitative adj3 (review* or overview* or synthes*)) or (research adj3 (integrati* or overview*))).ab,kf,ti.	14588

32	((integrative adj3 (review* or overview*)) or (collaborative adj3 (review* or overview*)) or (pool* adj3 analy*)).ab,kf,ti.	36426
33	(data syntheses* or data extraction* or data abstraction*).ab,kf,ti.	37500
34	(handsearch* or hand search*).ab,kf,ti.	10789
35	(mantel haenszel or peto or der simonian or dersimonian or fixed effect* or latin square*).ab,kf,ti.	33672
36	(met analy* or metanaly* or technology assessment* or HTA or HTAs or technology overview* or technology appraisal*).ab,kf,ti.	11616
37	(meta regression* or metaregression*).ab,kf,ti.	13397
38	(meta-analy* or metaanaly* or systematic review* or biomedical technology assessment* or bio-medical technology assessment*).mp,hw.	433296
39	(medline or cochrane or pubmed or medlars or embase or cinahl).ab,hw,ti.	315420
40	(cochrane or (health adj2 technology assessment) or evidence report).jw.	21059
41	(comparative adj3 (efficacy or effectiveness)).ab,kf,ti.	16687
42	(outcomes research or relative effectiveness).ab,kf,ti.	10872
43	((indirect or indirect treatment or mixed-treatment) adj comparison*).ab,kf,ti.	2749
44	or/28-43	636301
45	27 or 44	2911358
46	12 and 45	1224
47	(animals not (animals and humans)).sh.	5031964
48	(animal or animals or rat or rats or mouse or mice or rodent or rodents or dog or dogs or cat or cats or hamster or hamsters or rabbit or rabbits or swine or murine or sheep).ti.	2041841
49	47 or 48	5417032
50	46 not 49	1154
51	(pediatric or paediatric or children).ti.	741258
52	50 not 51	1149
53	limit 52 to english language	1097
54	limit 53 to dt=20210901-20221117	106

Database: Embase 1974 to 2022 November 15

Date: 2022-11-17

No of results: 203 ref

#	Searches	Results
1	exp limb ischemia/	19533
2	((chronic or limb or leg or "lower extremity") adj3 isch?emia).ab,kw,ti.	26250
3	claudication.ab,kw,ti.	15809
4	exp *peripheral occlusive artery disease/ or *peripheral vascular disease/	85987
5	((lower limb adj4 (arter\$ adj3 disease)) or (lower extremity adj4 (arter\$ adj3 disease)) or (peripheral adj4 arter\$ adj4 disease) or PAD or (peripheral adj4 vascular adj4 disease)).ab,kw,ti.	78714
6	1 or 2 or 3 or 4 or 5	180174

7	exp patient-reported outcome/ or exp short form 36/ or "quality of life"/ or "quality of life assessment"/ or exp "european quality of life 5 dimensions questionnaire"/ or *self report/	643563
8	(VascuQoL or VascuQoL-6 or Intermittent Claudication Questionnaire or Peripheral Artery Questionnaire or PADQOL or Short Form 36 or SF-36 or RAND-36 or EQ5D or Walking Impairment Questionnaire or WIQ).ab,kw,ti.	49659
9	(PRO or PROM or PROMS or HRQOL or HR-QOL).ab,kw,ti.	401233
10	(patient reported outcome\$ or patient reported or self-report\$ or health related quality of life).ab,kw,ti.	403530
11	7 or 8 or 9 or 10	1256539
12	6 and 11	8993
13	exp randomized controlled trial/ or "randomized controlled trial (topic)"/ or controlled clinical trial/ or "controlled clinical trial (topic)"/ or exp randomization/ or double blind procedure/ or single blind procedure/ or placebo/ or control group/	1579176
14	(random* or sham or placebo*).ti,ab,hw,kw.	2417473
15	((singl* or doubl*) adj (blind* or dumm* or mask*)).ti,ab,hw,kw.	347043
16	((tripl* or trebl*) adj (blind* or dumm* or mask*)).ti,ab,hw,kw.	1930
17	(control* adj3 (study or studies or trial* or group*)).ti,ab,kw.	1624166
18	(Nonrandom* or non random* or non-random* or quasi-random* or quasirandom*).ti,ab,hw,kw.	66266
19	allocated.ti,ab,hw.	103191
20	((open label or open-label) adj5 (study or studies or trial*)).ti,ab,hw,kw.	81090
21	((equivalence or superiority or non-inferiority or noninferiority) adj3 (study or studies or trial*)).ti,ab,hw,kw.	16615
22	(pragmatic study or pragmatic studies).ti,ab,hw,kw.	812
23	((pragmatic or practical) adj3 trial*).ti,ab,hw,kw.	7646
24	((quasiexperimental or quasi-experimental) adj3 (study or studies or trial*)).ti,ab,hw,kw.	17718
25	(phase adj3 (III or "3") adj3 (study or studies or trial*)).ti,hw,kw.	117882
26	or/13-25	3580524
27	exp meta analysis/ or exp "systematic review"/ or "meta analysis (topic)"/ or "systematic review (topic)"/ or biomedical technology assessment/	569724
28	((systematic* adj3 (review* or overview*)) or (methodologic* adj3 (review* or overview*))).ab,kw,ti.	353735
29	((quantitative adj3 (review* or overview* or synthes*)) or (research adj3 (integrati* or overview*))).ab,kw,ti.	16930
30	((integrative adj3 (review* or overview*)) or (collaborative adj3 (review* or overview*)) or (pool* adj3 analy*)).ab,kw,ti.	51227
31	(data synthes* or data extraction* or data abstraction*).ab,kw,ti.	45747
32	(handsearch* or hand search*).ab,kw,ti.	13118
33	(mantel haenszel or peto or der simonian or dersimonian or fixed effect* or latin square*).ab,kw,ti.	44387
34	(met analy* or metanaly* or technology assessment* or HTA or HTAs or technology overview* or technology appraisal*).ab,kw,ti.	17978
35	(meta regression* or metaregression*).ab,kw,ti.	16453
36	(meta-analy* or metaanaly* or systematic review* or biomedical technology assessment* or bio-medical technology assessment*).mp,hw.	679256
37	(medline or cochrane or pubmed or medlars or embase or cinahl).ab,hw,ti.	410332
38	(cochrane or (health adj2 technology assessment) or evidence report).jx.	29465
39	(comparative adj3 (efficacy or effectiveness)).ab,kw,ti.	23300
40	(outcomes research or relative effectiveness).ab,kw,ti.	14760
41	((indirect or indirect treatment or mixed-treatment) adj comparison*).ab,kw,ti.	4986
42	or/27-41	913132

43	26 or 42	4137676
44	12 and 43	2832
45	(animal not (animal and human)).sh.	1167971
46	(animal or animals or rat or rats or mouse or mice or rodent or rodents or dog or dogs or cat or cats or hamster or hamsters or rabbit or rabbits or swine or murine or sheep).ti.	2175369
47	45 or 46	3079149
48	44 not 47	2713
49	(pediatric or paediatric or children).ti.	922459
50	48 not 49	2705
51	limit 50 to english language	2645
52	limit 51 to (embase or medline)	1734
53	limit 52 to dc=20210901-20221117	203

Database: The Cochrane Library

Date: 2022-11-17

No of results: 153 ref

Cochrane reviews: 3

Cochrane protocols: 0

Trials: 150

Editorials: 0 *Special collections:* 0 *Clinical answers:* 0

ID	Search	Hits
#1	MeSH descriptor: [Ischemia] explode all trees	15235
#2	MeSH descriptor: [Lower Extremity] explode all trees	7845
#3	(leg or chronic or limb or leg or "lower extremit*"):ti,ab,kw (Word variations have been searched)	214567
#4	#2 OR #3	217428
#5	#1 AND #4	1709
#6	((((chronic or limb or leg or "lower extremit*") near/3 (ischemia or ischaemia))):ti,ab,kw (Word variations have been searched)	2185
#7	(claudication):ti,ab,kw (Word variations have been searched)	2832
#8	MeSH descriptor: [Peripheral Vascular Diseases] explode all trees	3452
#9	MeSH descriptor: [Peripheral Arterial Disease] explode all trees	1249
#10	MeSH descriptor: [Intermittent Claudication] explode all trees	992
#11	((((lower limb near/4 (arter\$ near/3 disease)) or (lower extremity near/4 (arter\$ near/3 disease)) or (peripheral near/4 arter\$ near/4 disease) or PAD or (peripheral near/4 vascular near/4 disease))):ti,ab,kw (Word variations have been searched)	8993
#12	#5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11	15545
#13	MeSH descriptor: [Patient Reported Outcome Measures] explode all trees	1014
#14	MeSH descriptor: [Quality of Life] explode all trees	29546
#15	MeSH descriptor: [Self Report] explode all trees	2662
#16	((VascuQoL or VascuQoL-6 or "Intermittent Claudication Questionnaire" or "Peripheral Artery Questionnaire" or PADQOL or "Short Form 36" or SF-36 or RAND-36 or EQ5D or "Walking Impairment Questionnaire" or WIQ)):ti,ab,kw (Word variations have been searched)	16948

# 17	(PRO or PROM or PROMS or HRQOL or HR-QOL):ti,ab,kw (Word variations have been searched)	27654
# 18	("patient reported" or "self-report" or "self-reported" or "health related quality of life"):ti,ab,kw (Word variations have been searched)	80389
# 19	#13 OR #14 OR #15 OR #16 OR #17 OR #18	129276
# 20	#12 AND #19	1720
# 21	(clinicaltrials OR trialsearch):so	438714
# 24	#22 NOT #23	1206
Limit search to Custom range 01/09/2021 to 30/11/2022 for Reviews		3
Limit search to Custom range 2021-2022 for Trials		150

Search question: Physical activity and exercise in patients with asymptomatic PAD and intermittent claudication

Limitations

Language: English

Time: -

Study type: No limitations, but no letters, comments, editorials, case reports or conference abstracts were considered

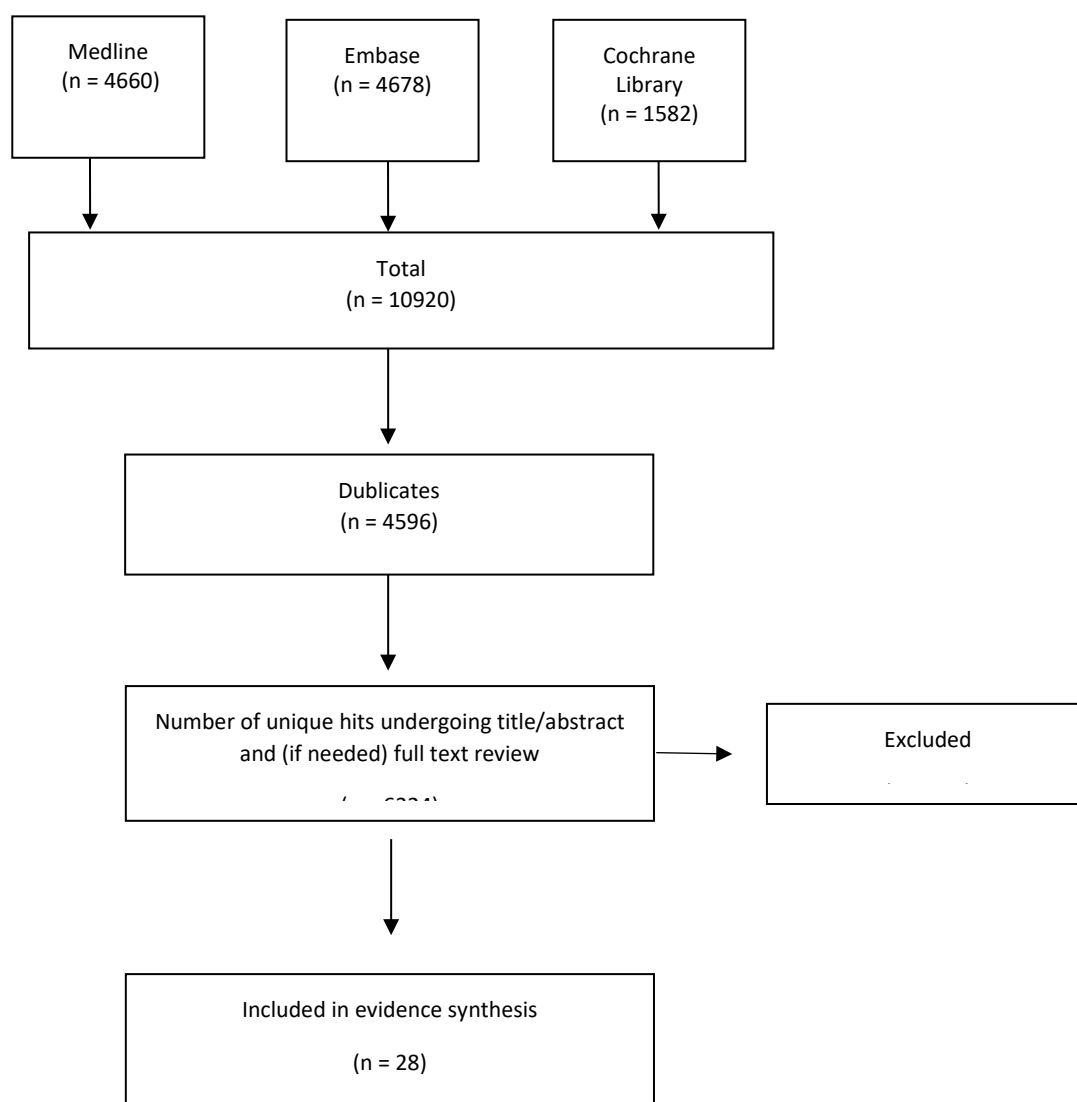
In the screening process, systematic reviews and meta-analyses were included for IC and

all study types for asymptomatic PAD.

Search results: 6324 references

Databases: Medline, Embase, Cochrane library

Search strategy: see below.



Database: Ovid MEDLINE(R) ALL (OvidSP)

Date: 2021-09-17

No of results: 4660 ref

#	Searches	Results
1	Ischemia/ and (exp Lower Extremity/ or (leg or chronic or limb or leg or "lower extremit*").ti,ab,kf.)	17545
2	((chronic or limb or leg or "lower extremit*") adj3 isch?emia).ti,ab,kf.	16905
3	claudication.ab,ti,kf.	11311
4	exp Peripheral Vascular Diseases/ or exp peripheral arterial disease/ or exp intermittent claudication/	61618
5	((lower limb adj4 (arter\$ adj3 disease)) or (lower extremity adj4 (arter\$ adj3 disease)) or (peripheral adj4 arter\$ adj4 disease) or PAD or (peripheral adj4 vascular adj4 disease)).ab,ti,kf.	49007
6	1 or 2 or 3 or 4 or 5	122167
7	exp Exercise/ or exp Exercise Therapy/	251060
8	(exercise\$ or physical activit\$ or physically active or treadmill or (training\$ adj2 (aerobic\$ or strength\$ or physical or endurance or resistance or circuit or high intensity or interval))).ab,kf,ti.	441975
9	7 or 8	525246
10	6 and 9	6174
11	(animals not (animals and humans)).sh.	4852952
12	(animal or animals or rat or rats or mouse or mice or rodent or rodents or dog or dogs or cat or cats or hamster or hamsters or rabbit or rabbits or swine or murine or sheep).ti.	1982326
13	11 or 12	5225377
14	10 not 13	5849
15	(pediatric or paediatric or children).ti.	694679
16	14 not 15	5831
17	limit 16 to english language	5157
18	(case reports or comment or editorial or letter or news).pt.	4176787
19	17 not 18	4660

Database: Embase 1974 to 2021 September 16 (OvidSP)

Date: 2021-09-17

No of results: 4678 ref

#	Searches	Results
1	exp limb ischemia/	17675
2	((chronic or limb or leg or "lower extremit*") adj3 isch?emia).ab,kw,kf,ti.	25018
3	claudication.ab,kw,kf,ti.	15387
4	exp *peripheral occlusive artery disease/ or *peripheral vascular disease/	82415
5	((lower limb adj4 (arter\$ adj3 disease)) or (lower extremity adj4 (arter\$ adj3 disease)) or (peripheral adj4 arter\$ adj4 disease) or PAD or (peripheral adj4 vascular adj4 disease)).ab,kw,kf,ti.	76528

6	1 or 2 or 3 or 4 or 5	171911
7	exp *exercise/ or exp *kinesiotherapy/	179716
8	(exercise\$ or physical activit\$ or physically active or treadmill or (training\$ adj2 (aerobic\$ or strength\$ or physical or endurance or resistance or circuit or high intensity or interval or treadmill))) .ab,kf,kw,ti.	588692
9	7 or 8	619824
10	6 and 9	7421
11	(animal not (animal and human)).sh.	1120412
12	(animal or animals or rat or rats or mouse or mice or rodent or rodents or dog or dogs or cat or cats or hamster or hamsters or rabbit or rabbits or swine or murine or sheep).ti.	2101852
13	11 or 12	2966876
14	10 not 13	7046
15	(pediatric or paediatric or children).ti.	856689
16	14 not 15	7026
17	limit 16 to english language	6235
18	limit 17 to (embase or medline)	4678

Database: The Cochrane Library

Date: 2020-09-11

No of results: 1582 ref

Cochrane reviews: 57

Cochrane protocols: 3

Trials: 1522

#1	MeSH descriptor: [Ischemia] explode all trees	14501
#2	MeSH descriptor: [Lower Extremity] explode all trees	7412
#3	(leg or chronic or limb or leg or "lower extremit*"):ti,ab,kw (Word variations have been searched)	196624
#4	#2 OR #3	199332
#5	#1 AND #4	1615
#6	((((chronic or limb or leg or "lower extremit*") near/3 (ischemia or ischaemia)))):ti,ab,kw (Word variations have been searched)	2022
#7	(claudication):ti,ab,kw (Word variations have been searched)	2658
#8	MeSH descriptor: [Peripheral Vascular Diseases] explode all trees	3330
#9	MeSH descriptor: [Peripheral Arterial Disease] explode all trees	1137
#10	MeSH descriptor: [Intermittent Claudication] explode all trees	961
#11	((((lower limb near/4 (arter\$ near/3 disease)) or (lower extremity near/4 (arter\$ near/3 disease)) or (peripheral near/4 arter\$ near/4 disease) or PAD or (peripheral near/4 vascular near/4 disease)))):ti,ab,kw (Word variations have been searched)	8154
#12	#5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11	14397
#13	MeSH descriptor: [Exercise] explode all trees	26442
#14	MeSH descriptor: [Exercise Therapy] explode all trees	15023

#15	((exercise\$ or physical activit\$ or physically active or treadmill or (training\$ near/2 (aerobic\$ or strength\$ or physical or endurance or resistance or circuit or high intensity or interval)))):ti,ab,kw (Word variations have been searched)	151853
#16	#13 OR #14 OR #15	153538
#17	#12 AND #16	2643
#18	(clinicaltrials OR trialsearch):so	375575
#19	#17 NOT #18	1873
#20	(conference abstract):pt	180755
#21	#19 NOT #20	1582

Search question: Physical activity and exercise in patients with asymptomatic PAD and intermittent claudication (last systematic update)

Date: 2021-09-17 – 2022-11-17

Limitations

Language: English

Time: -

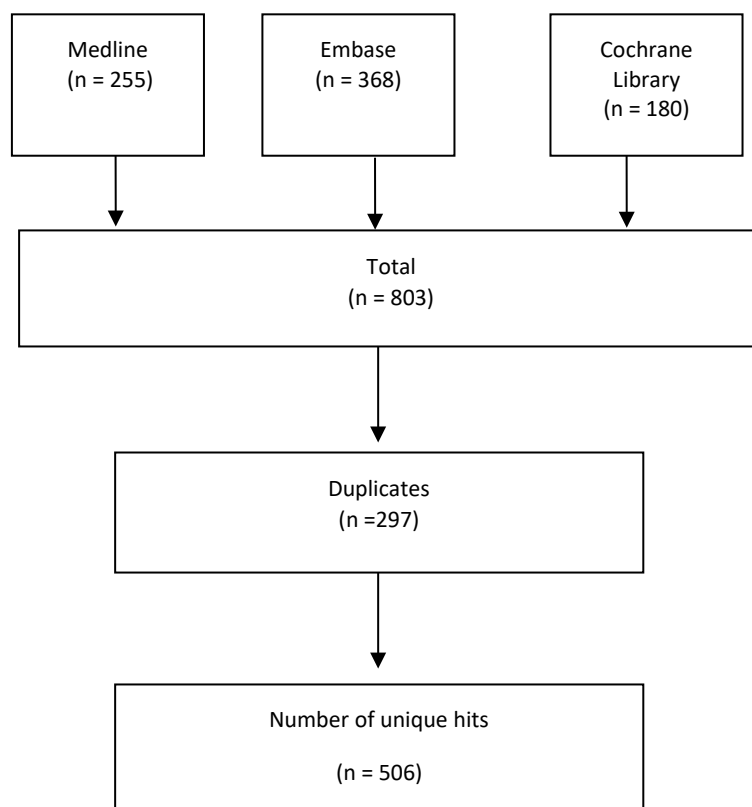
Study type: No limitations, but no letters, comments, editorials, case reports or conference abstracts were considered

In the screening process, systematic reviews and meta-analyses were included for IC and all study types for asymptomatic PAD.

Search results: 506 references

Databases: Medline, Embase, Cochrane library

Search strategy: see below



Database: Ovid MEDLINE(R) ALL (OvidSP)

Date: 2022-11-17

No of results: 255 ref

#	Searches	Results
1	Ischemia/ and (exp Lower Extremity/ or (leg or chronic or limb or leg or "lower extremit*").ti,ab,kf.)	18405
2	((chronic or limb or leg or "lower extremit*") adj3 isch?emia).ti,ab,kf.	18200
3	claudication.ab,ti,kf.	11841
4	exp Peripheral Vascular Diseases/ or exp peripheral arterial disease/ or exp intermittent claudication/	63908
5	((lower limb adj4 (arter\$ adj3 disease)) or (lower extremity adj4 (arter\$ adj3 disease)) or (peripheral adj4 arter\$ adj4 disease) or PAD or (peripheral adj4 vascular adj4 disease)).ab,ti,kf.	52810
6	1 or 2 or 3 or 4 or 5	127920
7	exp Exercise/ or exp Exercise Therapy/	273866
8	(exercise\$ or physical activit\$ or physically active or treadmill or (training\$ adj2 (aerobic\$ or strength\$ or physical or endurance or resistance or circuit or high intensity or interval))).ab,kf,ti.	479948
9	7 or 8	568269
10	6 and 9	6493
11	(animals not (animals and humans)).sh.	5031964
12	(animal or animals or rat or rats or mouse or mice or rodent or rodents or dog or dogs or cat or cats or hamster or hamsters or rabbit or rabbits or swine or murine or sheep).ti.	2041841
13	11 or 12	5417032
14	10 not 13	6151
15	(pediatric or paediatric or children).ti.	741258
16	14 not 15	6130
17	limit 16 to english language	5452
18	(case reports or comment or editorial or letter or news).pt.	4382510
19	17 not 18	4928
20	limit 19 to dt=20210915-20221117	255

Database: Embase 1974 to 2022 November 15 (OvidSP)

Date: 2022-11-17

No of results: 368 ref

#	Searches	Results
1	exp limb ischemia/	19533
2	((chronic or limb or leg or "lower extremit*") adj3 isch?emia).ab,kw,kf,ti.	27067
3	claudication.ab,kw,kf,ti.	16237
4	exp *peripheral occlusive artery disease/ or *peripheral vascular disease/	85987

5	((lower limb adj4 (arter\$ adj3 disease)) or (lower extremity adj4 (arter\$ adj3 disease)) or (peripheral adj4 arter\$ adj4 disease) or PAD or (peripheral adj4 vascular adj4 disease)).ab,kw,kf,ti.	82461
6	1 or 2 or 3 or 4 or 5	182371
7	exp *exercise/ or exp *kinesiotherapy/	193147
8	(exercise\$ or physical activit\$ or physically active or treadmill or (training\$ adj2 (aerobic\$ or strength\$ or physical or endurance or resistance or circuit or high intensity or interval or treadmill))).ab,kf,kw,ti.	636954
9	7 or 8	670117
10	6 and 9	7876
11	(animal not (animal and human)).sh.	1167971
12	(animal or animals or rat or rats or mouse or mice or rodent or rodents or dog or dogs or cat or cats or hamster or hamsters or rabbit or rabbits or swine or murine or sheep).ti.	2175369
13	11 or 12	3079149
14	10 not 13	7472
15	(pediatric or paediatric or children).ti.	922459
16	14 not 15	7450
17	limit 16 to english language	6646
18	limit 17 to (embase or medline)	4931
19	limit 18 to dc=20210915-20221117	368

Database: The Cochrane Library

Date: 2022-11-17

No of results: 180 ref

Cochrane reviews: 2

Cochrane protocols: 0

Trials: 178

Editorials: 0 *Special collections:* 0 *Clinical answers:* 0

ID	Search	Hits
#1	MeSH descriptor: [Ischemia] explode all trees	15235
#2	MeSH descriptor: [Lower Extremity] explode all trees	7845
#3	(leg or chronic or limb or leg or "lower extremit*"):ti,ab,kw (Word variations have been searched)	214567
#4	#2 OR #3	217428
#5	#1 AND #4	1709
#6	((((chronic or limb or leg or "lower extremit*") near/3 (ischemia or ischaemia)))):ti,ab,kw (Word variations have been searched)	2185
#7	(claudication):ti,ab,kw (Word variations have been searched)	2832
#8	MeSH descriptor: [Peripheral Vascular Diseases] explode all trees	3452
#9	MeSH descriptor: [Peripheral Arterial Disease] explode all trees	1249
#10	MeSH descriptor: [Intermittent Claudication] explode all trees	992
#11	((((lower limb near/4 (arter\$ near/3 disease)) or (lower extremity near/4 (arter\$ near/3 disease)) or (peripheral near/4 arter\$ near/4 disease) or PAD or (peripheral near/4 vascular near/4 disease))):ti,ab,kw (Word variations have been searched)	8993
#12	#5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11	15545
#13	MeSH descriptor: [Exercise] explode all trees	28878

#14	MeSH descriptor: [Exercise Therapy] explode all trees	16500
#15	((exercise\$ or physical activit\$ or physically active or treadmill or (training\$ near/2 (aerobic\$ or strength\$ or physical or endurance or resistance or circuit or high intensity or interval)))):ti,ab,kw (Word variations have been searched)	169923
#16	#13 OR #14 OR #15	171735
#17	#12 AND #16	2918
#18	(clinicaltrials OR trialsearch):so	438714
#19	#17 NOT #18	1999
Limit search to Custom range 01/09/2021 to 30/11/2022 for Reviews		2
Limit search to Custom range 2021-2022 for Trials		178

For search terms and search strategy regarding endovascular therapies, please see:

Koeckerling D, Raguindin PF, Kastrati L, Bernhard S, Barker J, Quiroga Centeno AC, Raeisi-Dehkordi H, Khatami F, Niehot C, Lejay A, Szeberin Z, Behrendt CA, Nordanstig J, Muka T, Baumgartner I. Endovascular revascularization strategies for aortoiliac and femoropopliteal artery disease: a meta-analysis. *Eur Heart J*. 2023 Mar 14;44(11):935-950. doi: 10.1093/eurheartj/ehac722. PMID: 36721954; PMCID: PMC10011342.

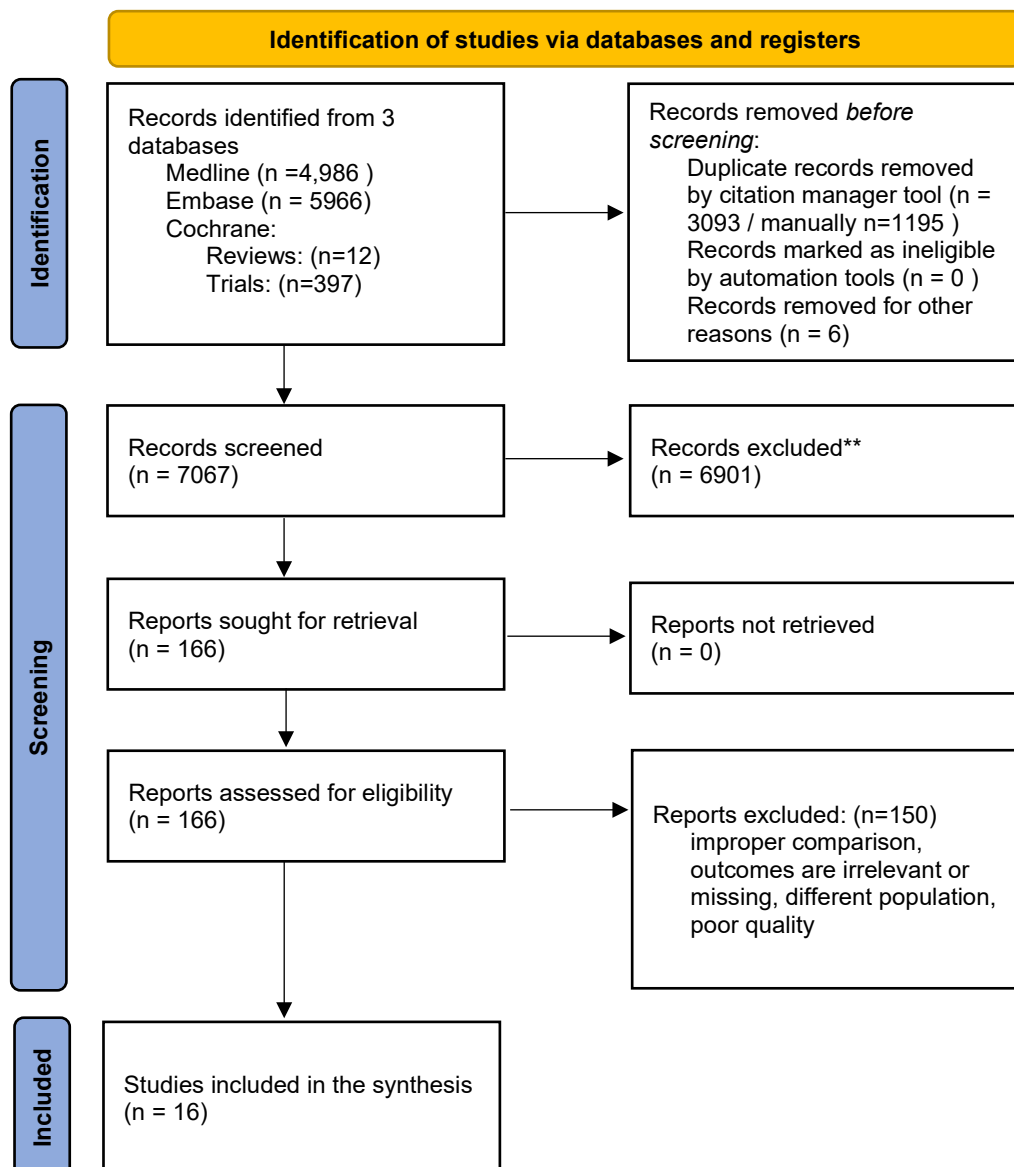
Literature search: open surgery in intermittent claudication

Search terms

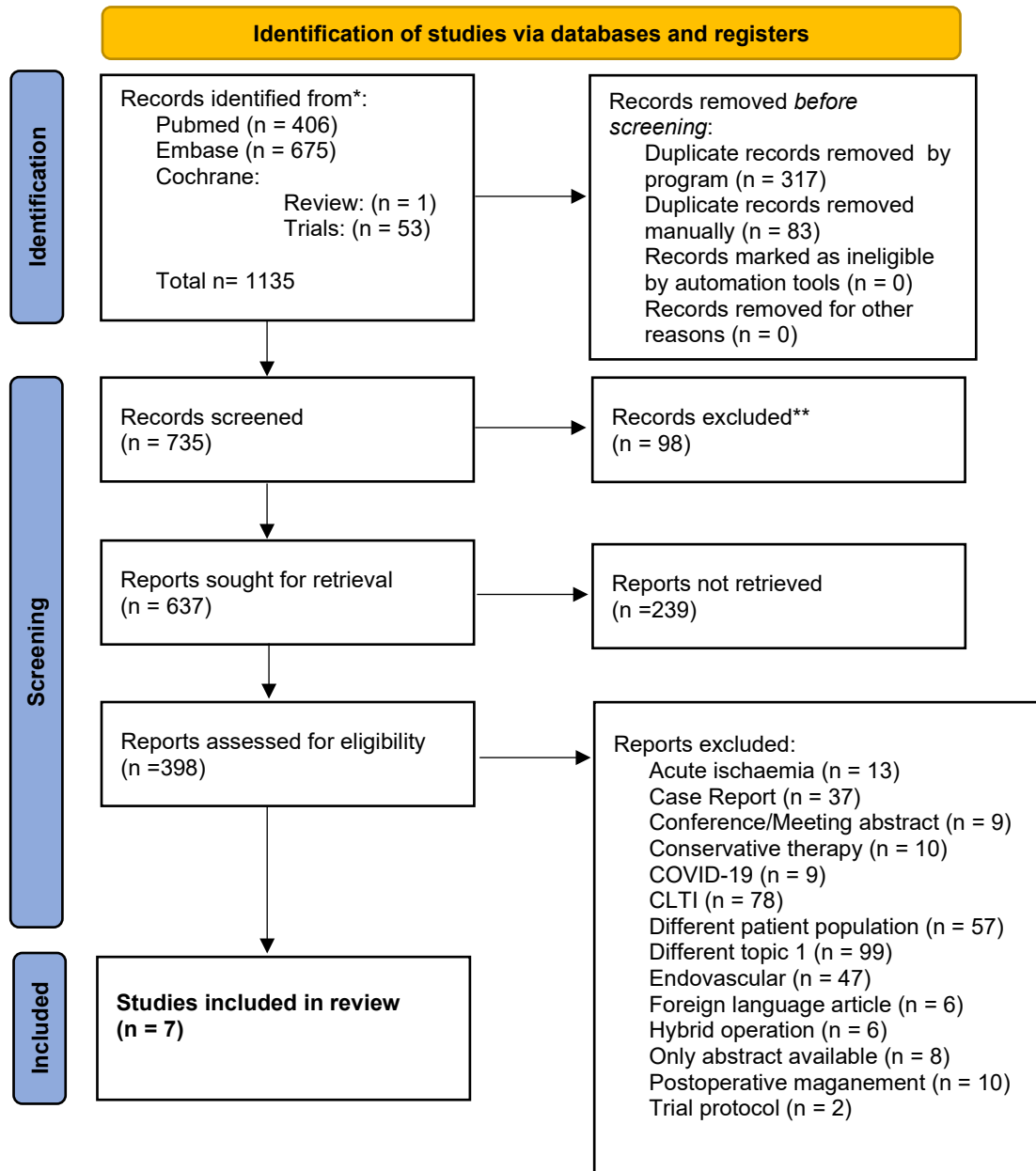
((('peripheral artery' OR 'peripheral arterial' OR 'peripheral vascular' OR 'lower extremity artery' OR 'lower extremity arterial' OR vascular OR artery OR arterial) AND disease OR occlusion OR occlusive OR 'peripheral occlusive arterial disease' OR (('lower extremity' OR 'lower limb') AND 'arter*' AND 'occlus*') OR pad OR pvd OR dlead OR povd OR paod OR 'buerger' OR (obliter* AND arter* AND 'lower extrem*') OR 'lower limb') AND (claudication OR 'intermittent claudication' OR 'fontaine ii' OR 'fontaine iii') AND (leriche OR aortic OR aorta OR aortofemoral OR aortoiliac OR aortobifemoral OR aortobiiliac OR iliofemoral OR femoropopliteal OR popliteal OR crural OR femorocrural) OR suprainguinal OR infrainguinal OR supragenual OR infragenual) AND ('open surgery'/exp OR 'open surgery' OR (open AND ('surgery'/exp OR surgery)) OR surgical OR 'bypass'/exp OR bypass OR thrombect* OR thrombendarterect* OR embolect* OR desobliter* OR 'profundaplasty'/exp OR profundaplasty OR crossover OR 'revascularization'/exp OR revascularization)

Search: 20.10.2021.

No time limit



Last updated search, open surgery in intermittent claudication, 2021-2022



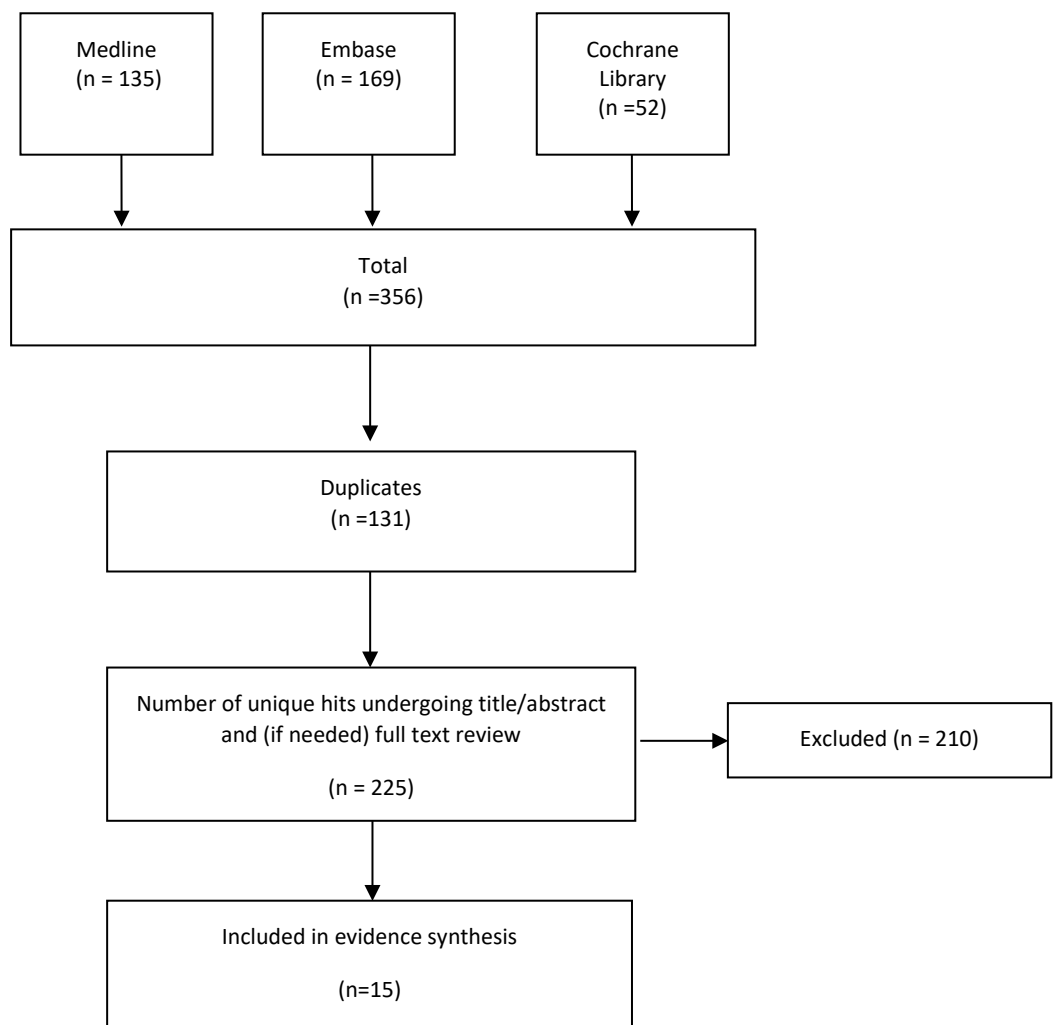
Search question: PAD antithrombotic therapy, first update (the original search was performed during the development of the ESVS 2023 Clinical Practice Guideline on Antithrombotic therapy in Vascular Surgery)

Date:2021-09-03

Search result: 225

Databases: Medline, Embase, Cochrane library

Search strategy: see below



Database: Ovid MEDLINE(R) ALL (OvidSP)

Date: 2021-09-03

No of results: 135 ref

#	Searches	Results
1	exp Peripheral Vascular Diseases/ or exp peripheral arterial disease/ or exp intermittent claudication/	61565
2	((peripheral adj4 arter\$ adj4 disease) or PAD or (peripheral adj4 vascular adj4 disease)).ab,kf,ti.	48287
3	claudication.ab,kf,ti.	11293
4	1 or 2 or 3	102366
5	anticoagulants/ or blood coagulation factor inhibitors/ or heparin, low-molecular-weight/ or antithrombins/ or exp fibrinolytic agents/ or exp platelet aggregation inhibitors/ or exp Aspirin/ or exp Heparin/ or exp Factor Xa Inhibitors/	302439
6	((Platelet or antiplatelet or antithrombotic or anticoagula\$) adj3 (Antiaggregation or inhibit\$ or treatment or therapy or drug)).ab,kf,ti.	69657
7	(anticoagula\$ or anti-coagula\$ or (Thrombin adj2 Inhibitor\$) or anti-thromb\$ or antithromb\$ or antiplatelet\$ or anti-platelet\$).ab,kf,ti.	160152
8	(NOAC or DOAC).ab,kf,ti.	3446
9	(Abciximab or acetylphenylalanyl-prolyl-boroarginine or acetylsalicylic acid or ajoene or aloxistatin or Alprostadiol or anagrelide or andrographolide or argatroban or Aspirin or ataprost or atrinositol or beapafant or beraprost or canadine or cangrelor or carboprostacyclin or cilostamide or Cilostazol or clentiazem or Clopidogrel or cloricromen or daltroban or dauricine or dazmegrel or defibrotide or diadenosine tetraphosphate or diallyl trisulfide or Dipyridamole or Disintegrins or draflazine or echistatin or efegatran or emoxypine succinate or enfenamic acid or Epoprostenol or Eptifibatide or essential 303 forte or fibrinopeptides gamma or Foropafant or glycolalicin or glycyl-arginyl-glycyl-aspartyl-serine or helenalin or ibudilast or ifetroban or Iloprost or indobufen or jararhagin or Ketanserine or lamifiban or linsidomine or magnolol or Milrinone or N-acetylsphingosine or naftopidil or nitroaspirin or oxophenylarsine or Pentoxifylline or picotamide or piroximone or plafibride or policosanol or Prasugrel or protopine or pycnogenols or Quin2 or ramatroban or relcovaptan or Resveratrol or rhodostomin or ridogrel or sarpogrelate or Satigrel or Sevoflurane or sibrifiban or sulotroban or tautomycin or tesmilifene or thromboxane or Ticagrelor or Ticlopidine or Tirofiban or tranilast or Trepidil or trequinsin or triflavin or triflusal or trilinolein or vapirost or vorapaxar or xemilofiban).ab,kf,ti.	143671
10	(Abciximab or Acenocoumarol or acid citrate dextrose or Ancrod or antistatin or Antithrombin or antivitamins K or apixaban or aprosulate or ardeparin or argatroban or Becaplermin or bemiparin or beta 2-Glycoprotein I or betrixaban or bivalirudin or Blood Coagulation Factor Inhibitors or bromadiolone or bromfenacoum or certoparin or chlorophacinone or citrate phosphate dextrose or clocoumarol or coumachlor or CPDA solutions or Dabigatran or Dalteparin or danaparoid or darexaban or Dermatan Sulfate or desirudin or dextran or Dicumarol or difenacoum or Edetic Acid or edoxaban or efegatran or eisenstasin or Enoxaparin or Ethyl Biscoumacetate or ferulic acid or fibrinogen fragment X or fluidione or Fondaparinux or fucoidan or FX 2212 or Gabexate or glucuronyl glucosamine glycan sulfate or Heparin or Heparinoids or Hirudins or idrabiotaparin or idraparin or inogatran or lamifiban or laminaran or Lefaxin or lepirudin or lipoprotein-associated coagulation inhibitor or melagatran or moxicoumone or Nadroparin or nafamostat or nitrophorin or otamixaban or parnaparin or Pentosan Sulfuric Polyester or Phenindione or Phenprocoumon or plumbagin or protocatechualdehyde or pyragrel or reviparin or Rivaroxaban or tanshinone or Tinzaparin or tocopherylquinone or troxerutin or Warfarin or ximelagatran).ab,kf,ti.	146364
11	Dual Anti-Platelet Therapy/	340
12	5 or 6 or 7 or 8 or 9 or 10 or 11	485770
13	endovascular procedures/ or angioplasty/ or angiostomy/ or catheterization, central venous/ or catheterization, peripheral/ or Atherectomy/ or exp Stents/ or Blood Vessel Prosthesis/	147374
14	(endovascular or percutaneous or atherectomy or angioplasty or stent or stents or stenting or stentgraft or stent-graft or revasculari#ation).ab,kf,ti.	326718
15	vascular surgical procedures/ or endarterectomy/ or limb salvage/ or vascular grafting/ or blood vessel prosthesis implantation/	67837
16	((vascular adj2 surgery) or (vascular adj2 surgical) or (open adj2 vascular adj2 reconstruction) or (surgical adj2 vascularization) or (bypass adj2 surgery)).ab,kf,ti.	46751
17	(tromboendarterectomy or thromboendarterctomy or endarterectomy).ab,kf,ti.	15314

18	((aorto-iliac or aortoiliac or aorto-femoral or aortofemoral or aorto-bi-femoral or aortobifemoral or infrainguinal or infra-inguinal or infrapopliteal or infra-popliteal or femoropopliteal or femoro-popliteal or femorodistal or femoro-distal or femorocrural or femoro-crural or venous or vein or synthetic) adj2 (bypass or grafting)).ab,kf,ti.	7888
19	(revasculari#ation or revasculari#ation).ab,kf,ti.	61555
20	13 or 14 or 15 or 16 or 17 or 18 or 19	454058
21	4 and 12 and 20	2318
22	limit 21 to dt=20200630-20210903	147
23	(animals not (animals and humans)).sh.	4847815
24	(animal or animals or rat or rats or mouse or mice or rodent or rodents or dog or dogs or cat or cats or hamster or hamsters or rabbit or rabbits or swine or murine).ti.	1939181
25	23 or 24	5214025
26	22 not 25	147
27	(pediatric or paediatric or children).ti.	693231
28	26 not 27	147
29	limit 28 to english language	135

Database: Embase 1974 to 2021 September 02

Date: 2021-09-03

No of results: 169 ref

#	Searches	Results
1	*peripheral vascular disease/	6692
2	*peripheral occlusive artery disease/	20558
3	exp claudication/	17780
4	((peripheral adj4 arter\$ adj4 disease) or PAD or (peripheral adj4 vascular adj4 disease)).ab,kw,ti.	75514
5	claudication.ab,kw,ti.	15351
6	1 or 2 or 3 or 4 or 5	103508
7	exp *anticoagulant agent/ or exp *blood clotting inhibitor/ or exp *low molecular weight heparin/ or *antithrombin/ or exp *fibrinolytic agent/ or exp *thrombin inhibitor/ or exp *antithrombocytic agent/ or *acetylsalicylic acid/ or *heparin/ or exp *blood clotting factor 10a inhibitor/	309763
8	((Platelet or antiplatelet or antithrombotic or anticoagula\$) adj3 (Antiaggregation or inhibit\$ or treatment or therapy or drug)).ab,kw,ti.	105391
9	(anticoagula\$ or anti-coagula\$ or (Thrombin adj2 Inhibitor\$) or anti-thromb\$ or antithromb\$ or antiplatelet\$ or anti-platelet\$).ab,kw,ti.	246404
10	(NOAC or DOAC).ab,kw,ti.	7349
11	(Abciximab or acetylphenylalanyl-prolyl-boroarginine or acetylsalicylic acid or ajoene or aloxistatin or Alprostadil or anagrelide or andrographolide or argatroban or Aspirin or ataprost or atrinositol or bepafant or beraprost or canadine or cangrelor or carboprostacyclin or cilostamide or Cilostazol or clentiazem or Clopidogrel or cloricromen or daltroban or dauricine or dazmegrel or defibrotide or diadenosine tetraphosphate or diallyl trisulfide or Dipyridamole or Disintegrins or draflazine or echistatin or efegatran or emoxypine succinate or enfenamic acid or Epoprostenol or Eptifibatide or essential 303 forte or fibrinopeptides gamma or Foropafant or glycolalicin or glycyL-arginyl-glycyl-aspartyl-serine or helenalin or ibudilast or ifetroban or Iloprost or indobufen or jararhagin or Ketanserine or lamifiban or linsidomine or magnolol or Milrinone or N-acetylsphingosine or naftopidil or nitroaspirin or oxophenylarsine or Pentoxifylline or picotamide or piroximone or plafibrade or policosanol or Prasugrel or protopine or pycnogenols or Quin2 or ramatroban or relcovaptan or Resveratrol or rhodostomin or ridogrel or	203384

	sarpogrelate or Satigrel or Sevoflurane or sibrafiban or sulotroban or tautomycin or tesmilifene or thromboxane or Ticagrelor or Ticlopidine or Tirofiban or tranilast or Trapidil or trequinsin or triflavin or triflusal or trilineolein or vapirost or vorapaxar or xemilofiban).ab,kw,ti.	
12	(Abciximab or Acenocoumarol or acid citrate dextrose or Ancrod or antistatin or Antithrombin or antivitamins K or apixaban or aprosulate or ardeparin or argatroban or Becaplermin or bemiparin or beta 2-Glycoprotein I or betrixaban or bivalirudin or Blood Coagulation Factor Inhibitors or bromadiolone or bromfenacoum or certoparin or chlorophacinone or citrate phosphate dextrose or clocoumarol or coumachlor or CPDA solutions or Dabigatran or Dalteparin or danaparoid or darexaban or Dermatan Sulfate or desirudin or dextrans or Dicumarol or difenacoum or Edetic Acid or edoxaban or efegatran or eisenstasin or Enoxaparin or Ethyl Biscoumacetate or ferulic acid or fibrinogen fragment X or fluindione or Fondaparinux or fucoidan or FX 2212 or Gabexate or glucuronyl glucosamine glycan sulfate or Heparin or Heparinoids or Hirudins or idrabiotaparinux or idraparinux or inogatran or lamifiban or laminaran or Lefaxin or lepirudin or lipoprotein-associated coagulation inhibitor or melagatran or moxicoumone or Nadroparin or nafamostat or nitrophorin or otamixaban or parnaparin or Pentosan Sulfuric Polyester or Phenindione or Phenprocoumon or plumbagin or protocatchualdehyde or pyragrel or reviparin or Rivaroxaban or tanshinone or Tinzaparin or tocopherylquinone or troxerutin or Warfarin or ximelagatran).ab,kw,ti.	201422
13	*dual antiplatelet therapy/	2153
14	7 or 8 or 9 or 10 or 11 or 12 or 13	646127
15	endovascular surgery/ or angioplasty/ or angioscopy/ or catheterization/ or atherectomy/ or stent/ or digestive stent/ or exp drug eluting stent/ or exp metal stent/ or exp nitinol stent/ or plastic stent/ or exp self expanding stent/ or blood vessel prosthesis/ or exp revascularization/	262926
16	(endovascular or percutaneous or atherectomy or angioplasty or stent or stents or stenting or stentgraft or stent-graft or revasculari#ation).ab,kw,ti.	499603
17	vascular surgery/ or endarterectomy/ or limb salvage/ or blood vessel graft/ or exp blood vessel transplantation/ or exp revascularization/	213571
18	((vascular adj2 surgery) or (vascular adj2 surgical) or (open adj2 vascular adj2 reconstruction) or (surgical adj2 vascularization) or (bypass adj2 surgery)).ab,kw,ti.	69781
19	((aorto-iliac or aortoilic or aorto-femoral or aortofemoral or aorto-bi-femoral or aortobifemoral or infrainguinal or infra-inguinal or infrapopliteal or infra-popliteal or femoropopliteal or femoro-popliteal or femorodistal or femoro-distal or femorocrural or femoro-crural or venous or vein or synthetic) adj2 (bypass or grafting)).ab,kw,ti.	9488
20	(revasculari#ation or revasculari#ation).ab,kw,ti.	96496
21	15 or 16 or 17 or 18 or 19 or 20	712629
22	6 and 14 and 21	3298
23	limit 22 to (embase or medline)	2331
24	limit 23 to dc=20200630-20210903	180
25	(animal not (animal and human)).sh.	1118865
26	(animal or animals or rat or rats or mouse or mice or rodent or rodents or dog or dogs or cat or cats or hamster or hamsters or rabbit or rabbits or swine or murine).ti.	2060816
27	25 or 26	2935573
28	24 not 27	179
29	(pediatric or paediatric or children).ti.	854592
30	28 not 29	179
31	limit 30 to english language	169

Database: The Cochrane Library

Date: 2021-09-03

No of results: 52 ref

Cochrane trials: 52

ID	Search	Hits
#1	MeSH descriptor: [Peripheral Vascular Diseases] explode all trees	3330
#2	MeSH descriptor: [Peripheral Arterial Disease] explode all trees	1137
#3	((peripheral near/4 arter* near/4 disease) or PAD or (peripheral near/4 vascular near/4 disease)):ti,ab,kw (Word variations have been searched)	10566
#4	(claudication):ti,ab,kw (Word variations have been searched)	2658
#5	MeSH descriptor: [Intermittent Claudication] explode all trees	961
#6	#1 OR #2 OR #3 OR #4 OR #5	13706
#7	MeSH descriptor: [Anticoagulants] explode all trees	4803
#8	MeSH descriptor: [Blood Coagulation Factor Inhibitors] explode all trees	737
#9	MeSH descriptor: [Heparin, Low-Molecular-Weight] explode all trees	2018
#10	MeSH descriptor: [Antithrombins] explode all trees	946
#11	MeSH descriptor: [Fibrinolytic Agents] explode all trees	2268
#12	MeSH descriptor: [Platelet Aggregation Inhibitors] explode all trees	4060
#13	MeSH descriptor: [Aspirin] explode all trees	6049
#14	MeSH descriptor: [Heparin] explode all trees	4903
#15	MeSH descriptor: [Factor Xa Inhibitors] explode all trees	588
#16	((((Platelet or antiplatelet or antithrombotic or anticoagula*) near/3 (Antiaggregation or inhibit* or treatment or therapy or drug))):ti,ab,kw (Word variations have been searched)	16813
#17	((anticoagula* or anti-coagula* or (Thrombin near/2 Inhibitor*) or anti-thromb* or antithromb* or antiplatelet* or anti-platelet*)):ti,ab,kw (Word variations have been searched)	23241
#18	(NOAC or DOAC):ti,ab,kw (Word variations have been searched)	689
#19	((Abciximab or acetylphenylalanyl-prolyl-boroarginine or acetylsalicylic acid or ajoene or aloxistatin or Alprostadil or anagrelide or andrographolide or argatroban or Aspirin or ataprost or atrinositol or bapafant or beraprost or canadine or cangrelor or carboprostacyclin or cilostamide or Cilostazol or clentiazem or Clopidogrel or cloricromen or daltroban or dauricine or dazmegrel or defibrotide or diadenosine tetraphosphate or diallyl trisulfide or Dipyridamole or Disintegrins or draflazine or echistatin or efegatran or emoxypine succinate or enfenamic acid or Epoprostenol or Eptifibatide or essential 303 forte or fibrinopeptides gamma or Foropafant or glyocalicin or glycyl-arginyl-glycyl-aspartyl-serine or helenalin or ibudilast or ifetroban or Iloprost or indobufen or jararhagin or Ketanserine or lamifiban or linsidomine or magnolol or Milrinone or N-acetylphingosine or naftopidil or nitroaspirin or oxophenylarsine or Pentoxifylline or picotamide or piroximone or plafibride or policosanol or Prasugrel or protopine or pycnogenols or Quin2 or ramatroban or relcovaptan or Resveratrol or rhodostomin or ridogrel or sarpogrelate or Satigrel or Sevoflurane or sibrafiban or sulotroban or tautomycin or tesmilifene or thromboxane or Ticagrelor or Ticlopidine or Tirofiban or tranilast or Trepidil or trequinsin or triflavin or triflusal or trilineolein or vapirost or vorapaxar or xemilofiban)):ti,ab,kw (Word variations have been searched)	35374
#20	((Abciximab or Acenocoumarol or "acid citrate dextrose" or Ancrod or antistasin or Antithrombin or "antivitamins K" or apixaban or aprosulate or ardeparin or argatroban or Becaplermin or bemiparin or "beta 2-Glycoprotein I" or betrixaban or bivalirudin or "Blood Coagulation Factor Inhibitors" or bromadiolone or bromfenacoum or certoparin or chlorophacinone or "citrate phosphate dextrose" or clocoumarol or coumachlor or "CPDA solutions" or Dabigatran or Dalteparin or danaparoid or darexaban or "Dermatan Sulfate" or desirudin or dextrans or Dicumarol or difenacoum or "Edetic Acid" or edoxaban or efegatran or eisenstasin or Enoxaparin or "Ethyl Biscoumacetate" or "ferulic acid" or "fibrinogen fragment X" or fluindione or Fondaparinux or fucoidan or "FX 2212" or Gabexate or "glucuronyl glucosamine glycan sulfate" or Heparin or Heparinoids or Hirudins or idrabiotaparin or idraparin or inogatran or lamifiban or laminaran or Lefaxin or lepirudin or "lipoprotein-associated coagulation inhibitor" or melagatran or moxocoumone or Nadroparin or nafamostat or nitrophorin or otamixaban or parnaparin or Pentosan Sulfuric Polyester or Phenindione or Phenprocoumon or plumbagin or protocatechualdehyde or pyragrel or reviparin or Rivaroxaban or tanshinone or Tinzaparin or tocopherylquinone or troxerutin or Warfarin or ximelagatran)):ti,ab,kw (Word variations have been searched)	25784

#21	MeSH descriptor: [Dual Anti-Platelet Therapy] explode all trees	51
#22	#7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21	66612
#23	((endovascular or percutaneous or atherectomy or angioplasty or stent or stents or stenting or stentgraft or stent-graft or revasculari?ation)):ti,ab,kw (Word variations have been searched)	42176
#24	MeSH descriptor: [Endovascular Procedures] explode all trees	8887
#25	MeSH descriptor: [Atherectomy] explode all trees	146
#26	MeSH descriptor: [Stents] explode all trees	4358
#27	MeSH descriptor: [Blood Vessel Prosthesis] explode all trees	442
#28	((((vascular near/2 surgery) or (vascular near/2 surgical) or (open near/2 vascular near/2 reconstruction) or (surgical near/2 vascularization) or (bypass near/2 surgery))):ti,ab,kw (Word variations have been searched)	9775
#29	((tromboendarterectomy or thromboendarterctomy or endarterectomy)):ti,ab,kw (Word variations have been searched)	2061
#30	((((aorto-iliac or aortoiliac or aorto-femoral or aortofemoral or aorto-bi-femoral or aortobifemoral or infrainguinal or infra-inguinal or infrapopliteal or infra-popliteal or femoropopliteal or femoro-popliteal or femorodistal or femoro-distal or femorocrural or femoro-crural or venous or vein or synthetic) near/2 (bypass or grafting))):ti,ab,kw (Word variations have been searched)	1753
#31	((revascularisation or revascularization)):ti,ab,kw (Word variations have been searched)	13043
#32	MeSH descriptor: [Vascular Surgical Procedures] explode all trees	15752
#33	MeSH descriptor: [Endarterectomy] explode all trees	590
#34	MeSH descriptor: [Limb Salvage] explode all trees	106
#35	MeSH descriptor: [Limb Salvage] explode all trees	106
#36	MeSH descriptor: [Blood Vessel Prosthesis Implantation] explode all trees	459
#37	#23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36	55864
#38	#6 AND #22 AND #37	700
#39	(clinicaltrials OR trialsearch):so	375575
#40	#38 NOT #39	557
Publication date: 2020-		52

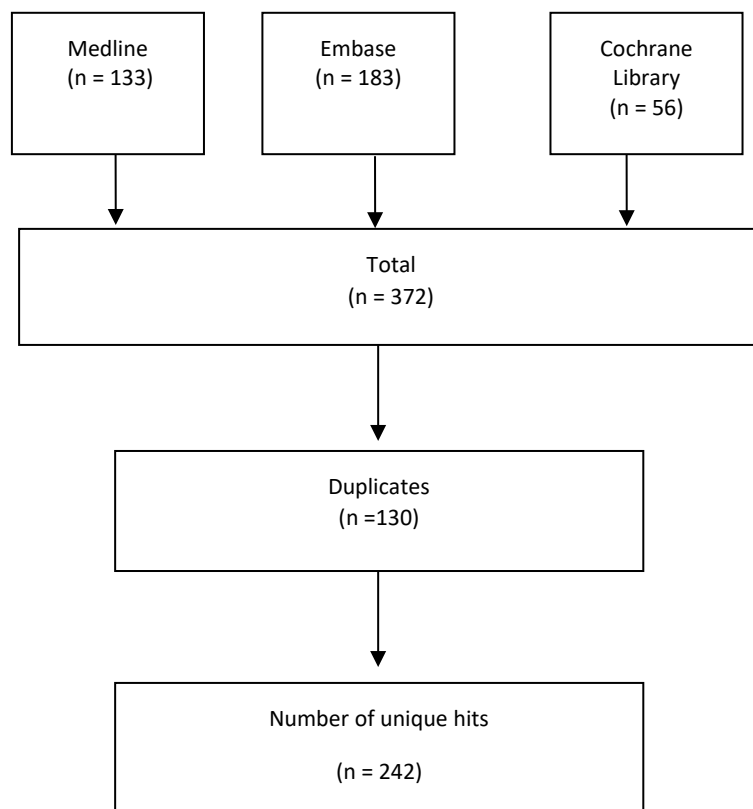
Search question: PAD antithrombotic therapy, last systematic update (the original search was performed during the development of the ESVS 2023 Clinical Practice Guideline on Antithrombotic therapy in Vascular Surgery)

Date: 2021-09-03 - 2022-11-18

Search result: 242

Databases: Medline, Embase, Cochrane library

Search strategy: see below



Database: Ovid MEDLINE(R) ALL (OvidSP)

Date: 2022-11-18

No of results: 133 ref

#	Searches	Results
1	exp Peripheral Vascular Diseases/ or exp peripheral arterial disease/ or exp intermittent claudication/	63918
2	((peripheral adj4 arter\$ adj4 disease) or PAD or (peripheral adj4 vascular adj4 disease)).ab,kf,ti.	52193
3	claudication.ab,kf,ti.	11844
4	1 or 2 or 3	107517
5	anticoagulants/ or blood coagulation factor inhibitors/ or heparin, low-molecular-weight/ or antithrombins/ or exp fibrinolytic agents/ or exp platelet aggregation inhibitors/ or exp Aspirin/ or exp Heparin/ or exp Factor Xa Inhibitors/	315838
6	((Platelet or antiplatelet or antithrombotic or anticoagula\$) adj3 (Antiaggregation or inhibit\$ or treatment or therapy or drug)).ab,kf,ti.	74288
7	(anticoagula\$ or anti-coagula\$ or (Thrombin adj2 Inhibitor\$) or anti-thromb\$ or antithromb\$ or antiplatelet\$ or anti-platelet\$).ab,kf,ti.	171567
8	(NOAC or DOAC).ab,kf,ti.	4214
9	(Abciximab or acetylphenylalanyl-prolyl-boroarginine or acetylsalicylic acid or ajoene or aloxistatin or Alprostadil or anagrelide or andrographolide or argatroban or Aspirin or ataprost or atrinositol or beapafant or beraprost or canadine or cangrelor or carboprostacyclin or cilostamide or Cilostazol or clentiazem or Clopidogrel or cloricromen or daltroban or dauricine or dazmegrel or defibrotide or diadenosine tetraphosphate or diallyl trisulfide or Dipyridamole or Disintegrins or draflazine or echistatin or efegatran or emoxypine succinate or enfenamic acid or Epoprostenol or Eptifibatide or essential 303 forte or fibrinopeptides gamma or Foropafant or glycolalicin or glycyl-arginyl-glycyl-aspartyl-serine or helenalin or ibudilast or ifetroban or Iloprost or indobufen or jararhagin or Ketanserin or lamifiban or linsidomine or magnolol or Milrinone or N-acetylsphingosine or naftopidil or nitroaspirin or oxophenylarsine or Pentoxifylline or picotamide or piroximone or plafibride or policosanol or Prasugrel or protopine or pycnogenols or Quin2 or ramatroban or relcovaptan or Resveratrol or rhodostomin or ridogrel or sarpogrelate or Satigrel or Sevoflurane or sibrafiban or sulotroban or tautomycin or tesmilifene or thromboxane or Ticagrelor or Ticlopidine or Tirofiban or tranilast or Trapidil or trequinsin or triflavin or triflusal or trilineolein or vapirost or vorapaxar or xemilofiban).ab,kf,ti.	150520
10	(Abciximab or Acenocoumarol or acid citrate dextrose or Ancrod or antistatin or Antithrombin or antivitamins K or apixaban or aprosulate or ardeparin or argatroban or Becaplermin or bemiparin or beta 2-Glycoprotein I or betrixaban or bivalirudin or Blood Coagulation Factor Inhibitors or bromadiolone or bromfenacoum or certoparin or chlorophacinone or citrate phosphate dextrose or clocoumarol or coumachlor or CPDA solutions or Dabigatran or Dalteparin or danaparoid or darexaban or Dermatan Sulfate or desirudin or dextrans or Dicumarol or difenacoum or Edetic Acid or edoxaban or efegatran or eisenstasin or Enoxaparin or Ethyl Biscoumacetate or ferulic acid or fibrinogen fragment X or fluidione or Fondaparinux or fucoidan or FX 2212 or Gabexate or glucuronyl glucosamine glycan sulfate or Heparin or Heparinoids or Hirudins or idrabiotaparinux or idraparinux or inogatran or lamifiban or laminaran or Lefaxin or lepirudin or lipoprotein-associated coagulation inhibitor or melagatran or moxocoumone or Nadroparin or nafamostat or nitrophorin or otamixaban or parnaparin or Pentosan Sulfuric Polyester or Phenindione or Phenprocoumon or plumbagin or protocatechualdehyde or pyragrel or reviparin or Rivaroxaban or tanshinone or Tinzaparin or tocopherylquinone or troxerutin or Warfarin or ximelagatran).ab,kf,ti.	153390
11	Dual Anti-Platelet Therapy/	533
12	5 or 6 or 7 or 8 or 9 or 10 or 11	509027
13	endovascular procedures/ or angioplasty/ or angiography/ or catheterization, central venous/ or catheterization, peripheral/ or Atherectomy/ or exp Stents/ or Blood Vessel Prosthesis/	156894
14	(endovascular or percutaneous or atherectomy or angioplasty or stent or stents or stenting or stentgraft or stent-graft or revasculari#ation).ab,kf,ti.	350657
15	vascular surgical procedures/ or endarterectomy/ or limb salvage/ or vascular grafting/ or blood vessel prosthesis implantation/	71303
16	((vascular adj2 surgery) or (vascular adj2 surgical) or (open adj2 vascular adj2 reconstruction) or (surgical adj2 vascularization) or (bypass adj2 surgery)).ab,kf,ti.	48988
17	(tromboendarterectomy or thromboendarterctomy or endarterectomy).ab,kf,ti.	16040

18	((aorto-iliac or aortiliac or aorto-femoral or aortofemoral or aorto-bi-femoral or aortobifemoral or infrainguinal or infra-inguinal or infrapopliteal or infra-popliteal or femoropopliteal or femoro-popliteal or femorodistal or femoro-distal or femorocrural or femoro-crural or venous or vein or synthetic) adj2 (bypass or grafting)).ab,kf,ti.	8099
19	(revasculari#ation or revasculari#ation).ab,kf,ti.	65661
20	13 or 14 or 15 or 16 or 17 or 18 or 19	482587
21	4 and 12 and 20	2472
22	limit 21 to dt=20210901-20221118	139
23	limit 22 to english language	133

Database: Embase 1974 to 2022 November 17

Date: 2022-11-18

No of results: 183 ref

#	Searches	Results
1	*peripheral vascular disease/	6828
2	*peripheral occlusive artery disease/	21872
3	exp claudication/	18865
4	((peripheral adj4 arter\$ adj4 disease) or PAD or (peripheral adj4 vascular adj4 disease)).ab,kw,ti.	77837
5	claudication.ab,kw,ti.	15811
6	1 or 2 or 3 or 4 or 5	108082
7	exp *anticoagulant agent/ or exp *blood clotting inhibitor/ or exp *low molecular weight heparin/ or *antithrombin/ or exp *fibrinolytic agent/ or exp *thrombin inhibitor/ or exp *antithrombocytic agent/ or *acetylsalicylic acid/ or *heparin/ or exp *blood clotting factor 10a inhibitor/	320092
8	((Platelet or antiplatelet or antithrombotic or anticoagula\$) adj3 (Antiaggregation or inhibit\$ or treatment or therapy or drug)).ab,kw,ti.	110898
9	(anticoagula\$ or anti-coagula\$ or (Thrombin adj2 Inhibitor\$) or anti-thromb\$ or antithromb\$ or antiplatelet\$ or anti-platelet\$).ab,kw,ti.	264779
10	(NOAC or DOAC).ab,kw,ti.	8772
11	(Abciximab or acetylphenylalanyl-prolyl-boroarginine or acetylsalicylic acid or ajoene or aloxistatin or Alprostadil or anagrelide or andrographolide or argatroban or Aspirin or ataprost or atrinositol or bepafant or beraprost or canadine or cangrelor or carboprostacyclin or cilostamide or Cilostazol or cletiazem or Clopidogrel or cloricromen or daltroban or dauricine or dazmegrel or defibrotide or diadenosine tetraphosphate or diallyl trisulfide or Dipyridamole or Disintegrins or draflazine or echistatin or efegatran or emoxypine succinate or enfenamic acid or Epoprostenol or Eptifibatide or essential 303 forte or fibrinopeptides gamma or Foropafant or glycolalicin or glycyl-arginyl-glycyl-aspartyl-serine or helenalin or ibudilast or ifetroban or Iloprost or indobufen or jararhagin or Ketanserin or lamifiban or linsidomine or magnolol or Milrinone or N-acetylsphingosine or naftopidil or nitroaspirin or oxophenylarsine or Pentoxifylline or picotamide or piroximone or plafibrade or policosanol or Prasugrel or protopine or pycnogenols or Quin2 or ramatroban or relcovaptan or Resveratrol or rhodostomin or ridogrel or sarpogrelate or Satigrel or Sevoflurane or sibrafiban or sulotroban or tautomycin or tesmilifene or thromboxane or Ticagrelor or Ticlopidine or Tirofiban or tranilast or Trapidil or trequinsin or triflavin or triflusal or trilineolein or vapirost or vorapaxar or xemilofiban).ab,kw,ti.	213307
12	(Abciximab or Acenocoumarol or acid citrate dextrose or Ancrod or antistasin or Antithrombin or antivitamins K or apixaban or aprosulate or ardeparin or argatroban or Becaplermin or bemiparin or beta 2-Glycoprotein I or betrixaban or bivalirudin or Blood Coagulation Factor Inhibitors or bromadiolone or bromfenacoum or certoparin or chlorophacinone or citrate phosphate dextrose or clocoumarol or coumachlor or CPDA solutions or Dabigatran or Dalteparin or danaparoid or darexaban or Dermatan Sulfate	211714

	or desirudin or dextrans or Dicumarol or difenacoum or Edetic Acid or edoxaban or efegatran or eisenstasin or Enoxaparin or Ethyl Biscoumacetate or ferulic acid or fibrinogen fragment X or fluidione or Fondaparinux or fucoidan or FX 2212 or Gabexate or glucuronyl glucosamine glycan sulfate or Heparin or Heparinoids or Hirudins or idrabiotaparinux or idraparinux or inogatran or lamifiban or laminaran or Lefaxin or lepirudin or lipoprotein-associated coagulation inhibitor or melagatran or moxocoumone or Nadroparin or nafamostat or nitrophorin or otamixaban or parnaparin or Pentosan Sulfuric Polyester or Phenindione or Phenprocoumon or plumbagin or protocatechualdehyde or pyragrel or reviparin or Rivaroxaban or tanshinone or Tinzaparin or tocopherylquinone or troxerutin or Warfarin or ximelagatran).ab,kw,ti.	
13	*dual antiplatelet therapy/	2669
14	7 or 8 or 9 or 10 or 11 or 12 or 13	680033
15	endovascular surgery/ or angioplasty/ or angioscopy/ or catheterization/ or atherectomy/ or stent/ or digestive stent/ or exp drug eluting stent/ or exp metal stent/ or exp nitinol stent/ or plastic stent/ or exp self expanding stent/ or blood vessel prosthesis/ or exp revascularization/	280679
16	(endovascular or percutaneous or atherectomy or angioplasty or stent or stents or stenting or stentgraft or stent-graft or revasculari#ation).ab,kw,ti.	529032
17	vascular surgery/ or endarterectomy/ or limb salvage/ or blood vessel graft/ or exp blood vessel transplantation/ or exp revascularization/	228213
18	((vascular adj2 surgery) or (vascular adj2 surgical) or (open adj2 vascular adj2 reconstruction) or (surgical adj2 vascularization) or (bypass adj2 surgery)).ab,kw,ti.	70356
19	((aorto-iliac or aortoiliac or aorto-femoral or aortofemoral or aorto-bi-femoral or aortobifemoral or infrainguinal or infra-inguinal or infrapopliteal or infra-popliteal or femoropopliteal or femoro-popliteal or femorodistal or femoro-distal or femorocrural or femoro-crural or venous or vein or synthetic) adj2 (bypass or grafting)).ab,kw,ti.	9696
20	(revasculari#ation or revasculari#ation).ab,kw,ti.	101955
21	15 or 16 or 17 or 18 or 19 or 20	755624
22	6 and 14 and 21	3453
23	limit 22 to (embase or medline)	2362
24	limit 23 to dc=20210901-20221118	194
25	limit 24 to english language	183

Database: The Cochrane Library

Date: 2022-11-18

No of results: 56 ref

Cochrane reviews: 2

Cochrane protocols: 0

Trials: 54

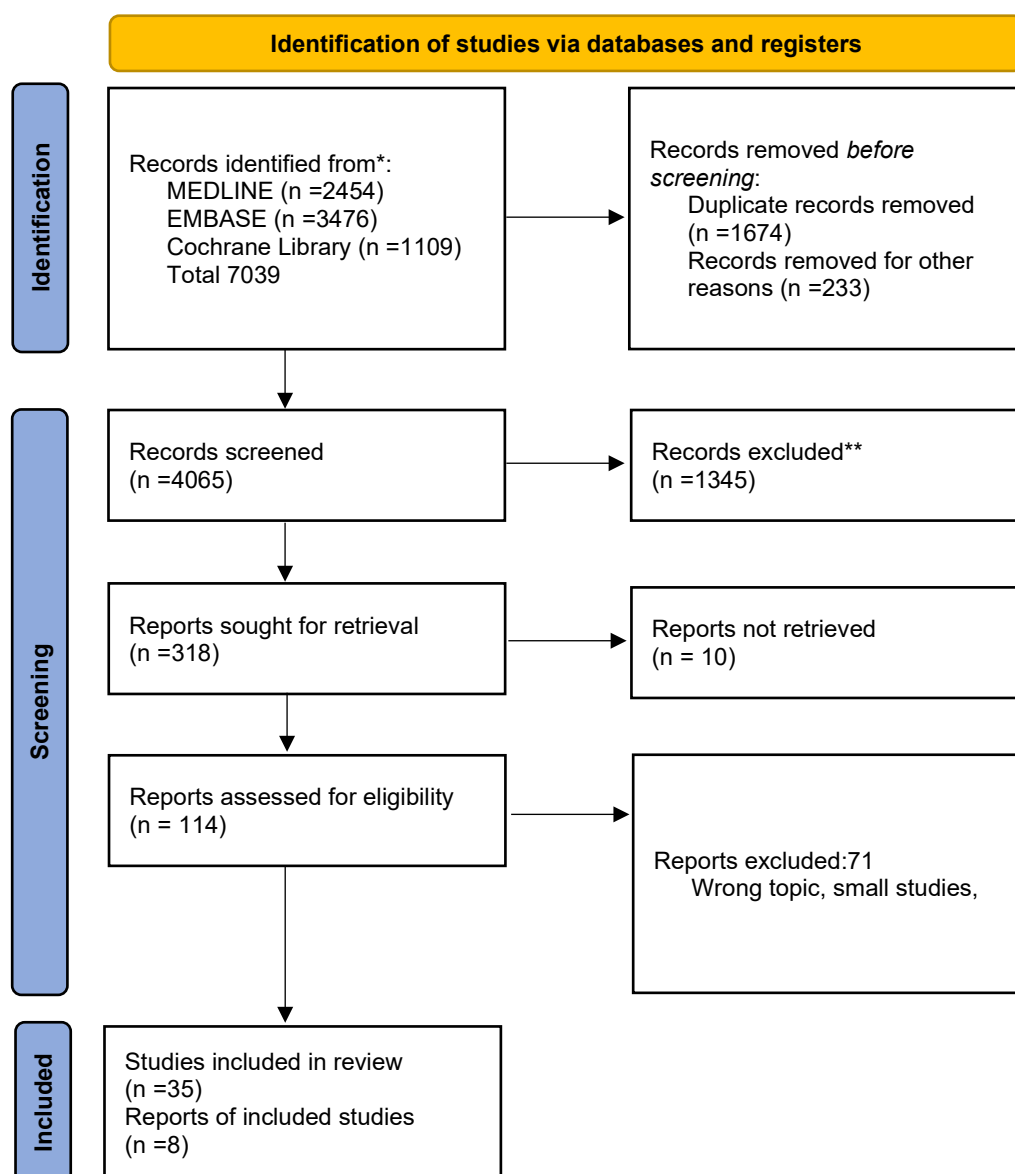
Editorials: 0 *Special collections:* 0 *Clinical answers:* 0

ID	Search	Hits
#1	MeSH descriptor: [Peripheral Vascular Diseases] explode all trees	3452
#2	MeSH descriptor: [Peripheral Arterial Disease] explode all trees	1249
#3	((((peripheral near/4 arter* near/4 disease) or PAD or (peripheral near/4 vascular near/4 disease)))):ti,ab,kw (Word variations have been searched)	11588
#4	(claudication):ti,ab,kw (Word variations have been searched)	2832
#5	MeSH descriptor: [Intermittent Claudication] explode all trees	992
#6	#1 OR #2 OR #3 OR #4 OR #5	14823
#7	MeSH descriptor: [Anticoagulants] explode all trees	5039

#8	MeSH descriptor: [Blood Coagulation Factor Inhibitors] explode all trees	746
#9	MeSH descriptor: [Heparin, Low-Molecular-Weight] explode all trees	2082
#10	MeSH descriptor: [Antithrombins] explode all trees	1009
#11	MeSH descriptor: [Fibrinolytic Agents] explode all trees	2358
#12	MeSH descriptor: [Platelet Aggregation Inhibitors] explode all trees	4264
#13	MeSH descriptor: [Aspirin] explode all trees	6279
#14	MeSH descriptor: [Heparin] explode all trees	5024
#15	MeSH descriptor: [Factor Xa Inhibitors] explode all trees	641
#16	((((Platelet or antiplatelet or antithrombotic or anticoagula*) near/3 (Antiaggregation or inhibit* or treatment or therapy or drug)))):ti,ab,kw (Word variations have been searched)	17744
#17	((((anticoagula* or anti-coagula* or (Thrombin near/2 Inhibitor*) or anti-thromb* or antithromb* or antiplatelet* or anti-platelet*)))):ti,ab,kw (Word variations have been searched)	24727
#18	(NOAC or DOAC):ti,ab,kw (Word variations have been searched)	793
#19	((Abciximab or acetylphenylalanyl-prolyl-boroarginine or acetylsalicylic acid or ajoene or aloxistatin or Alprostadil or anagrelide or andrographolide or argatroban or Aspirin or ataprost or atrinositol or bapafant or beraprost or canadine or cangrelor or carboprostacyclin or cilostamide or Cilostazol or clentiazem or Clopidogrel or cloricromen or daltroban or dauricine or dazmegrel or defibrotide or diadenosine tetraphosphate or diallyl trisulfide or Dipyridamole or Disintegrins or draflazine or echistatin or efegatran or emoxypine succinate or enfenamic acid or Epoprostenol or Eptifibatide or essential 303 forte or fibrinopeptides gamma or Foropafant or glycolalicin or glycyl-arginyl-glycyl-aspartyl-serine or helenalin or ibudilast or ifetroban or Iloprost or indobufen or jararhagin or Ketanserin or lamifiban or linsidomine or magnolol or Milrinone or N-acetylsphingosine or naftopidil or nitroaspirin or oxophenylarsine or Pentoxifylline or picotamide or piroximone or plafibride or policosanol or Prasugrel or protopine or pycnogenols or Quin2 or ramatroban or relcovaptan or Resveratrol or rhodostomin or ridogrel or sarpogrelate or Satigrel or Sevoflurane or sibrifiban or sulotroban or tautomycin or tesmilifene or thromboxane or Ticagrelor or Ticlopidine or Tirofiban or tranilast or Trapidil or trequinsin or triflavin or triflusal or trilineolein or vapiprost or vorapaxar or xemilofiban)):ti,ab,kw (Word variations have been searched)	36940
#20	((Abciximab or Acenocoumarol or "acid citrate dextrose" or Ancrod or antistasin or Antithrombin or "antivitamins K" or apixaban or aprosulate or ardeparin or argatroban or Becaplermin or bemiparin or "beta 2-Glycoprotein I" or betrixaban or bivalirudin or "Blood Coagulation Factor Inhibitors" or bromadiolone or bromfenacoum or certoparin or chlorophacinone or "citrate phosphate dextrose" or clocoumarol or coumachlor or "CPDA solutions" or Dabigatran or Dalteparin or danaparoid or darexaban or "Dermatan Sulfate" or desirudin or dextrans or Dicumarol or difenacoum or "Edetic Acid" or edoxaban or efegatran or eisenstasin or Enoxaparin or "Ethyl Biscoumacetate" or "ferulic acid" or "fibrinogen fragment X" or fluindione or Fondaparinux or fucoidan or "FX 2212" or Gabexate or "glucuronyl glucosamine glycan sulfate" or Heparin or Heparinoids or Hirudins or idrabiotaparinux or idraparinux or inogatran or lamifiban or laminaran or Lefaxin or lepirudin or "lipoprotein-associated coagulation inhibitor" or melagatran or moxycoumone or Nadroparin or nafamostat or nitrophorin or otamixaban or parnaparin or Pentosan Sulfuric Polyester or Phenindione or Phenprocoumon or plumbagin or protocatechualdehyde or pyragrel or reviparin or Rivaroxaban or tanshinone or Tinzaparin or tocopherylquinone or troxerutin or Warfarin or ximelagatran)):ti,ab,kw (Word variations have been searched)	26689
#21	MeSH descriptor: [Dual Anti-Platelet Therapy] explode all trees	73
#22	#7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21	69831
#23	((endovascular or percutaneous or atherectomy or angioplasty or stent or stents or stenting or stentgraft or stent-graft or revasculari?ation)):ti,ab,kw (Word variations have been searched)	45027
#24	MeSH descriptor: [Endovascular Procedures] explode all trees	9478
#25	MeSH descriptor: [Atherectomy] explode all trees	152
#26	MeSH descriptor: [Stents] explode all trees	4587
#27	MeSH descriptor: [Blood Vessel Prosthesis] explode all trees	449
#28	((((vascular near/2 surgery) or (vascular near/2 surgical) or (open near/2 vascular near/2 reconstruction) or (surgical near/2 vascularization) or (bypass near/2 surgery)))):ti,ab,kw (Word variations have been searched)	10151
#29	((tromboendarterectomy or thromboendarterctomy or endarterectomy)):ti,ab,kw (Word variations have been searched)	2139

#30	((aorto-iliac or aortoiliac or aorto-femoral or aortofemoral or aorto-bi-femoral or aortobifemoral or infrainguinal or infra-inguinal or infrapopliteal or infra-popliteal or femoropopliteal or femoro-popliteal or femorodistal or femoro-distal or femorocrural or femoro-crural or venous or vein or synthetic) near/2 (bypass or grafting))):ti,ab,kw (Word variations have been searched)	1822
#31	(revascularisation or revascularization):ti,ab,kw (Word variations have been searched)	13698
#32	MeSH descriptor: [Vascular Surgical Procedures] explode all trees	16525
#33	MeSH descriptor: [Endarterectomy] explode all trees	599
#34	MeSH descriptor: [Limb Salvage] explode all trees	113
#35	MeSH descriptor: [Blood Vessel Prosthesis Implantation] explode all trees	468
#36	#23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35	59239
#37	#6 AND #22 AND #36	754
#38	(clinicaltrials OR trialsearch):so	438714
#39	#37 NOT #38	597
Limit search to Custom range 01/09/2021 to 30/11/2022 for Reviews		2
Limit search to Custom range 2021-2022 for Trials		54

Search History for: PAD Monitoring and Follow-up, last systematic update in December 2022



Search history: Monitoring and Follow Up - updated 2022-12-0

Ovid Medline 2022-12-09:

Search terms			Number
Population: persons with Lower Extremity Artery Disease			
1.	*Ischemia/ and (exp Lower Extremity/ or (leg or chronic or limb or leg or "lower extremit*").ti,ab,kf.)		12969
2.	((chronic or limb or leg or "lower extremit*") adj3 isch?emia).ti,ab,kf.		18281
3.	claudication.ab,ti,kf		11866
4.	exp Peripheral Vascular Diseases/ or exp peripheral arterial disease/ or exp intermittent claudication/		63987

5.	((lower limb adj4 (arter* adj3 disease)) or (lower extremity* adj4 (arter* adj3 disease)) or (peripheral adj4 arter* adj4 disease) or PAD or (peripheral adj4 vascular adj4 disease)).ab,ti,kf.	53095
6.	1 or 2 or 3 or 4 or 5	125381
Intervention: Follow up		
7.	Drug Monitoring/ or Hemodynamic Monitoring/ or Blood Pressure Monitoring, Ambulatory/ or Prescription Drug Monitoring Programs/ or monitoring.ti,ab,kf. or check-up.ti,ab,kf. or "follow-up*".ti,ab,kf. or exp Population Surveillance/ or surveillance.ti,ab,kf. or ("follow-up*".sh. and ((management or control*).ti,ab,kf. or risk*.ti,ab,kf,sh.))	2119525
8.	"lipid lowering".ti,ab,kf. or ((exp Lipids/ or lipid*.ti,ab,kf.) and "target level".ti,ab,kf.) or exp Hypolipidemic Agents/	167065
9.	6 and 7 and 8	268
10.	exp Hypoglycemic Agents/tu or Blood Glucose/ or (glyc?emic adj3 control*).ti,ab,kf. or (glucos* adj3 control*).ti,ab,kf.	251883
11.	6 and 7 and 10	274
12.	exp smoking/ or exp "tobacco use"/ or Smoking Cessation/ or (smoking or tobacco).ti,ab,kf	377782
13.	6 and 7 and 12	1204
14.	exp Anticoagulants/tu or exp Platelet Aggregation Inhibitors/tu or "antithrombotic therapy".ti,ab,kf.	107916
15.	6 and 7 and 14	902
16.	exp Antihypertensive Agents/tu or exp Adrenergic beta-Antagonists/tu or exp Calcium Channel Blockers/tu or exp Diuretics/tu or exp Angiotensin-Converting Enzyme Inhibitors/tu or exp Angiotensin II Type 2 Receptor Blockers/tu or exp Adrenergic alpha-Antagonists/tu or Receptors, Adrenergic, alpha-2/tu or ("Blood pressure" adj3 (control* or monitor*)).ti,ab,kf.	179112
17.	6 and 7 and 16	340
Combined set		
18.	9 or 11 or 13 or 15 or 17	2659
Exclusion animals, children		
19.	(animals not (animals and humans)).sh.	5037450
20.	18 not 19	2636
21.	(pediatric or paediatric or children).ti.	743274
22.	20 not 21	2627
Limit: engelska		
23.	limit 22 to english language	2424
Limit: database update 2021 September –		
24.	(202109* or 202110* or 202111* or 202112* or 2022*).dt,ez,da.	2493843
25.	23 and 24	181

Embase.com 2022-12-09:

Mesh terms	Number of hits
Population: personer med Lower Extremity Artery Disease	

1.	'peripheral occlusive artery disease'/mj OR 'claudication'/exp OR 'artery occlusion'/mj OR 'iliac artery obstruction'/mj OR 'peripheral vascular disease'/de OR 'limb ischemia'/de	87041
2.	claudication:ti,ab,kw	16667
3.	('lower limb' NEAR/4 arterial NEAR/3 disease):ti,ab,kw	453
4.	('lower extremity' NEAR/4 arterial NEAR/3 disease):ti,ab,kw	1192
5.	(peripheral NEAR/4 arter* NEAR/4 disease):ti,ab,kw	34322
6.	pad:ti,ab,kw	45189
7.	(peripheral NEAR/4 vascular NEAR/4 disease):ti,ab,kw	17799
8.	((critical OR severe OR chronic OR limb OR leg OR 'lower extremity') NEAR/3 isch*emia):ti,ab,kw	33586
9.	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8	165235
Intervention: Follow up		
10.	'monitoring'/de OR 'drug monitoring'/exp OR 'health care surveillance'/exp OR 'hemodynamic monitoring'/exp OR 'video surveillance'/exp OR 'patient monitoring'/de OR 'blood pressure monitoring'/exp OR monitoring:ti,ab,kw OR 'check up':ti,ab,kw OR surveillance:ti,ab,kw OR (('follow up'/exp OR 'follow up*':ti,ab,kw) AND (management:ti,ab,kw OR control*:ti,ab,kw OR risk*:ti,ab,kw,de))	2414412
11.	'lipid level'/exp OR (('antilipemic agent'/exp/dd_dt OR 'lipid'/exp OR lipid*:ti,ab,kw) AND ('target level*':ti,ab,kw OR control*:ti,ab,kw OR management:ti,ab,kw))	545390
12.	'antidiabetic agent'/exp/dd_dt AND (level:ti,ab,kw OR control*:ti,ab,kw OR management:ti,ab,kw OR monitor*:ti,ab,kw) OR 'glucose level'/exp OR ((glyc*emic NEAR/3 control*):ti,ab,kw) OR ((glucos* NEAR/3 control*):ti,ab,kw)	415994
13.	'pipe smoking'/exp OR 'smoking'/exp OR 'smoking cessation'/exp OR 'tobacco use'/de OR smoking:ti,ab,kw OR tobacco:ti,ab,kw	633049
14.	('anticoagulant agent'/exp/dd_dt OR 'antithrombocytic agent'/exp/dd_dt) AND (level:ti,ab,kw OR control*:ti,ab,kw OR management:ti,ab,kw OR monitor*:ti,ab,kw) OR 'antithrombotic therapy':ti,ab,kw	87083
15.	('antihypertensive agent'/exp/dd_dt OR 'beta adrenergic receptor stimulating agent'/exp/dd_dt OR 'calcium channel blocking agent'/exp/dd_dt OR 'diuretic agent'/exp/dd_dt OR 'dipeptidyl carboxypeptidase inhibitor'/exp/dd_dt OR 'angiotensin 2 receptor antagonist'/exp/dd_dt OR 'alpha adrenergic receptor stimulating agent'/exp/dd_dt OR 'alpha 2 adrenergic receptor'/exp/dd_dt) AND (level:ti,ab,kw OR control*:ti,ab,kw OR management:ti,ab,kw OR monitor*:ti,ab,kw) OR (('blood pressure' NEAR/3 (control* OR monitor*)):ti,ab,kw)	211950
16.	#11 OR #12 OR #13 OR #14 OR #15	1711909
Combined sets		
17.	#9 AND #10 AND #16	5113
Exkludering av djurstudier och studier rörande barn		
18.	'animal'/exp NOT 'human'/exp	5880853
19.	#17 NOT #18	5054
20.	pediatric:ti OR paediatric:ti OR children:ti	1034232
21.	#19 NOT #20	5029

Limit: English, exclusion of conference abstracts			
	22.	#19 NOT #20 AND [english]/lim	4836
	23.	#19 NOT #20 AND [english]/lim AND [conference abstract]/lim	1394
	24.	#22 NOT #23	3442
Limit: database update 2021 September 24th –			
	25.	#22 NOT #23 AND [24-09-2021]/sd	403

Cochrane Wiley 2022-12-09:

Mesh terms			Number of hits
Population: People with Lower Extremity Artery Disease			
	1.	MeSH descriptor: [Ischemia] this term only	2375
	2.	MeSH descriptor: [Lower Extremity] explode all trees	7858
	3.	(chronic OR limb OR leg OR "lower extremit*"):ti,ab,kw	208589
	4.	#2 OR #3	211605
	5.	#1 AND #4	888
	6.	((leg NEAR/3 ischemia) OR ("lower extremit*" NEAR/3 ischemia) OR (chronic NEAR/3 ischemia) OR (limb NEAR/3 ischemia)):ti,ab,kw	2188
	7.	((leg NEAR/3 ischaemia) OR ("lower extremit*" NEAR/3 ischaemia) OR (chronic NEAR/3 ischaemia) OR (limb NEAR/3 ischaemia)):ti,ab,kw	33
	8.	claudication:ti,ab,kw	2800
	9.	MeSH descriptor: [Peripheral Vascular Diseases] explode all trees	3462
	10.	MeSH descriptor: [Peripheral Arterial Disease] explode all trees	1256
	11.	MeSH descriptor: [Intermittent Claudication] explode all trees	995
	12.	("lower limb" NEAR/4 (arter* NEAR/3 disease)) OR ("lower extremit*" NEAR/4 (arter* NEAR/3 disease)) OR (peripheral NEAR/4 arter* NEAR/4 disease) OR PAD OR (peripheral NEAR/4 vascular NEAR/4 disease)):ti,ab,kw	10330
	13.	#5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12	15430
Intervention: Follow up			
	14.	MeSH descriptor: [Drug Monitoring] this term only	1918
	15.	MeSH descriptor: [Hemodynamic Monitoring] this term only	20
	16.	MeSH descriptor: [Blood Pressure Monitoring, Ambulatory] this term only	1600
	17.	MeSH descriptor: [Prescription Drug Monitoring Programs] this term only	4
	18.	MeSH descriptor: [Population Surveillance] explode all trees	577
	19.	(monitoring or chek-up or follow-up or surveillance):ti,ab,kw	345536
	20.	MeSH descriptor: [Follow-Up Studies] this term only	62270
	21.	MeSH descriptor: [Risk Assessment] explode all trees	9470
	22.	MeSH descriptor: [Risk Factors] explode all trees	26414
	23.	#21 OR #22 or (risk* OR management OR control*):ti,ab,kw	1263085
	24.	#20 AND #23	47064
	25.	#14 or #15 or #16 or #17 or #18 or #19 or #24	345536
	26.	MeSH descriptor: [Hypoglycemic Agents] explode all trees and with qualifier(s): [therapeutic use - TU]	5643
	27.	MeSH descriptor: [Blood Glucose] this term only	17663
	28.	((glycaemic NEAR/3 control*) OR (glycemic NEAR/3 control*) OR (glucos* NEAR/3 control*)):ti,ab,kw	20829

29.	#26 OR #27 OR #28	35508
30.	MeSH descriptor: [Tobacco Use] explode all trees	359
31.	MeSH descriptor: [Smoke] explode all trees	443
32.	MeSH descriptor: [Smoking Cessation] this term only	4494
33.	(smoking OR tobacco):ti,ab,kw	39410
34.	#30 OR #31 OR #32 OR #33	39467
35.	MeSH descriptor: [Anticoagulants] explode all trees	5050
36.	MeSH descriptor: [Platelet Aggregation Inhibitors] explode all trees	4266
37.	("antithrombotic therapy"):ti,ab,kw	861
38.	#35 OR #36 OR #37	9402
39.	MeSH descriptor: [Antihypertensive Agents] explode all trees and with qualifier(s): [therapeutic use - TU]	5854
40.	MeSH descriptor: [Adrenergic beta-Antagonists] explode all trees and with qualifier(s): [therapeutic use - TU]	2774
41.	MeSH descriptor: [Calcium Channel Blockers] explode all trees and with qualifier(s): [therapeutic use - TU]	1899
42.	MeSH descriptor: [Diuretics] explode all trees and with qualifier(s): [therapeutic use - TU]	1955
43.	MeSH descriptor: [Angiotensin-Converting Enzyme Inhibitors] explode all trees and with qualifier(s): [therapeutic use - TU]	2797
44.	MeSH descriptor: [Angiotensin II Type 2 Receptor Blockers] explode all trees and with qualifier(s): [therapeutic use - TU]	7
45.	MeSH descriptor: [] explode all trees and with qualifier(s): [therapeutic use - TU]	219199
46.	("Blood pressure" NEAR/3 (control* OR monitor*)):ti,ab,kw	23358
47.	#39 OR #40 OR #41 OR #42 OR #43 OR #44 OR #45 OR #46	239041
48.	#29 OR #34 OR #38 OR #47	303535
Combined sets		
49.	#13 AND #25 AND #48	1116
Exkludering av djurstudier och studier rörande barn		
50.	MeSH descriptor: [Animals] explode all trees	658266
51.	MeSH descriptor: [Humans] explode all trees	658253
52.	#50 NOT #51	13
53.	#49 NOT #52	1116
54.	(pediatric OR paediatric OR children):ti	86305
55.	#53 NOT #54	1110
Limit: database update 2021 September 23rd –		
	#53 NOT #54	70

Of the 70 Cochrane references, 3 were SR and 67 Trials.

Before duplicate cleanup a total of 654 hits.

After duplicate cleaning, a total of 540 hits remain:

Medline: 180 hits (of which 1 comment)

Embase: 306 hits (of which 3 Latvians)

Cochrane: 54 hits (2 SR and 52 Trials)

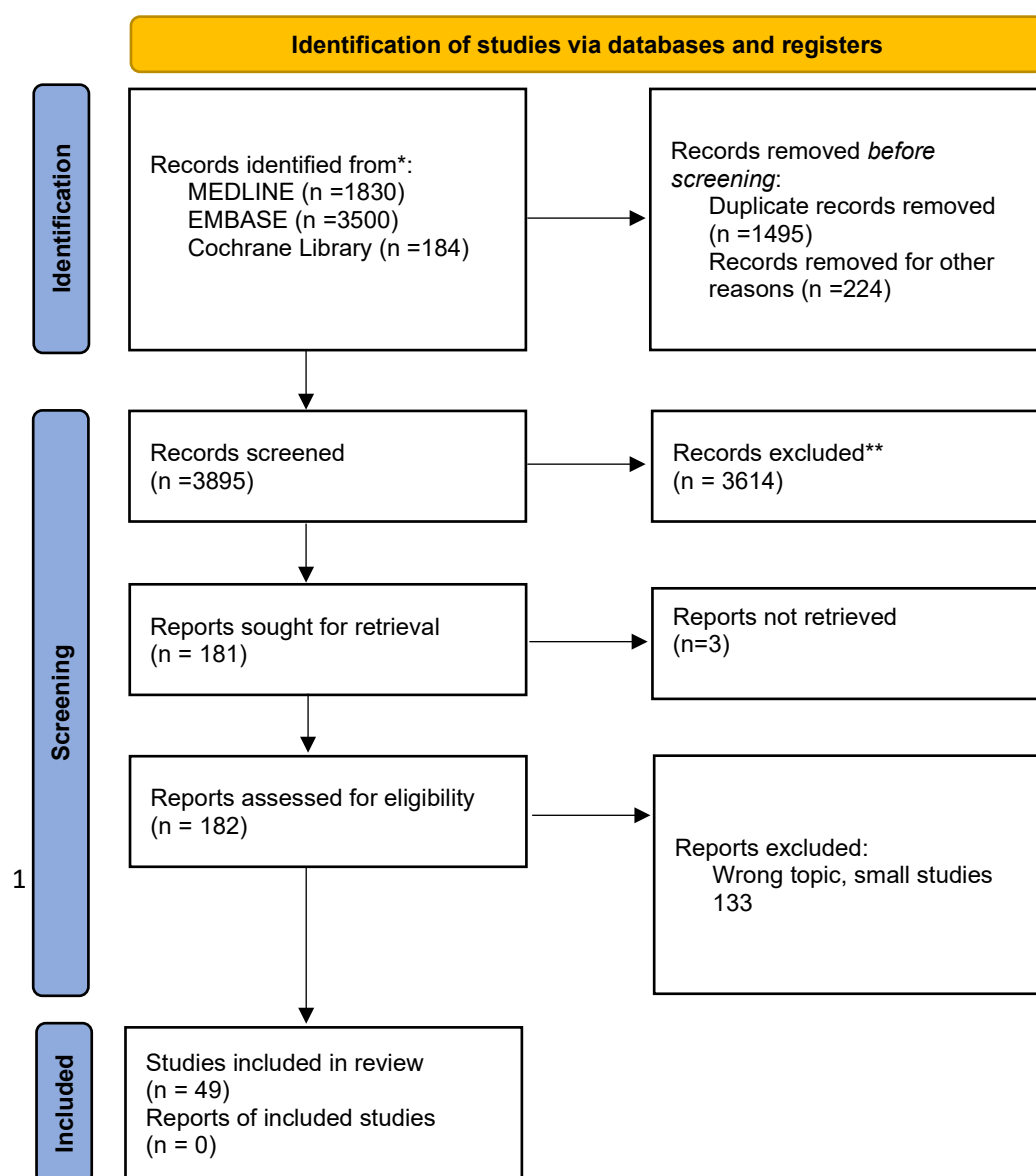
After reconciliation with previous search results, a total of 463 hits remain:

Medline: 137 hits (of which 1 comment)

Embase: 272 hits (of which 3 Latvians)

Cochrane: 52 hits (2 SR and 52 Trials)

Search History for PAD and Gender issues (last systematic update Nov 29, 2022)



SEARCH HISTORY Gender – updated 2022-11-29

Ovid Medline 2022-11-29:

Special population

Search terms			Number
Population: Lower Extremity Artery Disease			
1.	exp Peripheral Vascular Diseases/ or exp peripheral arterial disease/ or exp intermittent claudication/ or claudication.ab,ti,kf.		69306
2.	((lower limb adj4 (arter* adj3 disease)) or (lower extremity* adj4 (arter* adj3 disease)) or (peripheral adj4 arter* adj4 disease) or PAD or (peripheral adj4 vascular adj4 disease)).ab,ti,kf.		53062
3.	1 or 2		108147
4.	limit 3 to (guideline or meta analysis or "systematic review")		1578
5.	3 and (guideline or meta-analys* or meta-stud* or "systematic review").ti,ab,kf.		2144
6.	4 or 5		2450
7.	exp peripheral arterial disease/ or exp intermittent claudication/ or claudication.ab,ti,kf. or (exp Peripheral Vascular Diseases/ and ("lower limb" or lower extremity*).ti,ab,kf.)		27389
8.	((lower limb adj2 (arter* adj2 disease)) or (lower extremity* adj3 (arter* adj2 disease)) or (peripheral adj2 arter* adj2 disease) or (PAD and (limb or extremity* or peripher* or arter* or vascular*))).ab,ti,kf.		23934
9.	((peripheral adj2 vascular adj2 disease) and ("lower limb" or "lower extremity*")).ab,ti,kf.		1138
10.	7 or 8 or 9		42095
11.	6 or 10		42861
Focus: Gender			
12.	(gender\$ or sex or sexes).ti,kf.		202933
13.	((gender\$ or sex or sexes) adj3 (differ* or specific* or associat*)).ab.		179107
14.	((among or compar* or differ* or frequent*) adj2 (women or men or female* or male*)).ti,ab.		303947
15.	("male sex" or "female sex" or "male gender" or "female gender").ab.		83382
16.	Sex Factors/ or sex distribution/		331888
17.	12 or 13 or 14 or 15 or 16		844549
Combined set			
18.	11 and 17		2184
Exclusion animals, children			
19.	(animals not (animals and humans)).sh.		5034630
20.	18 not 19		2175
21.	(pediatric or paediatric or children).ti.		742588
22.	20 not 21		2169
Limit: English , Year 2000-			
23.	limit 22 to english language		2024
24.	limit 23 to yr="2000 -Current"		1769
Limit: database update 2021 October –			
25.	(202110* or 202111* or 202112* or 2022*).dt,ez,da.		2300626
26.	24 and 25		233

Search terms			Number
Population: Lower Extremity Artery Disease			
1.	'peripheral occlusive artery disease'/mj OR 'artery occlusion'/mj OR 'iliac artery obstruction'/mj OR 'peripheral vascular disease'/de OR 'claudication'/exp		76433
2.	((('lower limb' NEAR/4 arterial NEAR/3 disease):ti,ab,kw) OR (('lower extremity' NEAR/4 arterial NEAR/3 disease):ti,ab,kw) OR ((peripheral NEAR/4 arter* NEAR/4 disease):ti,ab,kw) OR ((peripheral NEAR/4 vascular NEAR/4 disease):ti,ab,kw))		49936
3.	claudication:ti,ab,kw OR (pad:ti,ab,kw AND (limb:ti,ab,kw OR extremi*:ti,ab,kw OR peripher*:ti,ab,kw OR arter*:ti,ab,kw OR vascular*:ti,ab,kw))		30724
4.	#1 OR #2 OR #3		107830
5.	(#1 OR #2 OR #3) AND ([cochrane review]/lim OR [systematic review]/lim OR [meta analysis]/lim)		2554
6.	guideline:ti,ab,kw OR 'meta stud*':ti,ab,kw OR 'meta analys*':ti,ab,kw OR 'systematic review':ti,ab,kw		584252
7.	#4 AND #6		2912
8.	#5 OR #7		3724
9.	'claudication'/exp OR 'peripheral occlusive artery disease'/mj OR 'artery occlusion'/mj OR 'iliac artery obstruction'/mj OR ('peripheral vascular disease'/de AND ('lower limb':ti,ab,kw OR 'lower extremi*':ti,ab,kw))		52927
10.	((('lower limb' NEAR/2 arterial NEAR/2 disease):ti,ab,kw) OR (('lower extremity' NEAR/2 arterial NEAR/2 disease):ti,ab,kw) OR ((peripheral NEAR/2 arter* NEAR/2 disease):ti,ab,kw) OR ((peripheral NEAR/2 vascular NEAR/2 disease):ti,ab,kw))		48950
11.	claudication:ti,ab,kw OR (pad:ti,ab,kw AND (limb:ti,ab,kw OR extremi*:ti,ab,kw OR peripher*:ti,ab,kw OR arter*:ti,ab,kw OR vascular*:ti,ab,kw))		30724
12.	#9 OR #10 OR #11		92698
13.	#8 OR #12		93145
Focus: Gender			
14.	'gender and sex'/de OR 'gender'/de OR 'sex'/de OR 'sex difference'/exp OR 'sex ratio'/exp		889454
15.	gender*:ti,kw OR sex:ti,kw OR sexes:ti,kw		249597
16.	((among OR compar* OR differ* OR frequent*) NEAR/2 (women OR men OR female* OR male*)):ti,ab		410646
17.	((gender* OR sex OR sexes) NEAR/3 (differ* OR specific* OR associat*)):ab		244046
18.	'male sex':ab OR 'female sex':ab OR 'male gender':ab OR 'female gender':ab		129982
19.	#14 OR #15 OR #16 OR #17 OR #18		1418883
Combined set			
20.	#13 AND #19		6990
Excluding; children, animals			
21.	'animal'/exp NOT 'human'/exp		5876335
22.	#20 NOT #21		6958
23.	pediatric:ti OR paediatric:ti OR children:ti		1032421

24.	#22 NOT #23	6946
Limit: English, conference abstracts, Year 2000-		
25.	#22 NOT #23 AND [english]/lim	6635
26.	#22 NOT #23 AND [english]/lim AND [conference abstract]/lim	2787
27.	#25 NOT #26	3848
28.	#25 NOT #26 AND [2000-2022]/py	3415
Limit: database update 2021 October 11:th -		
29.	#25 NOT #26 AND [2000-2022]/py AND [11-10-2021]/sd	400

Cochrane Wiley 2022-11-29:

Search terms		Number
Population: Extremity Artery Disease		
1.	(claudication):ti,ab,kw	2790
2.	MeSH descriptor: [Peripheral Vascular Diseases] explode all trees	3452
3.	("lower limb" OR "lower extremity"):ti,ab,kw	9653
4.	#2 and #3	192
5.	MeSH descriptor: [Peripheral Arterial Disease] explode all trees	1249
6.	MeSH descriptor: [Intermittent Claudication] explode all trees	992
7.	((("lower limb" NEAR/2 (arter* NEAR/2 disease)) OR ("lower extremity" NEAR/3 (arter* NEAR/2 disease)) OR (peripheral NEAR/2 arter* NEAR/2 disease) OR (PAD AND (limb or extremity* or peripher* or arter* or vascular*)))):ti,ab,kw	5195
8.	((peripheral NEAR/2 vascular NEAR/2 disease) AND ("lower limb" OR "lower extremity")):ti,ab,kw	87
9.	#1 OR #4 OR #5 OR #6 OR #7 OR #8	6969
Focus: Gender		
10.	MeSH descriptor: [Sex Factors] this term only	6113
11.	MeSH descriptor: [Sex Distribution] this term only	722
12.	((among OR compar* OR differ* OR frequent*) NEAR/2 (women OR men OR female\$1 or male\$1)):ti,ab	20553
13.	(gender* OR sex OR sexes):ti,kw	32633
14.	((gender\$ OR sex OR sexes) NEAR/3 (differ* OR specific* OR associat*)):ab	8737
15.	("male sex" OR "female sex" OR "male gender" OR "female gender"):ab	5191
16.	#10 OR #11 OR #12 OR #13 OR #14 OR #15	57060
Combined set		
17.	#9 AND #16	201
Excluding; children, animals		
18.	MeSH descriptor: [Animals] explode all trees	656862
19.	MeSH descriptor: [Humans] explode all trees	656850
20.	#18 NOT #19	12
21.	#17 NOT #20	201
22.	(pediatric OR paediatric OR children):ti	85551
23.	#21 NOT #22	201
Limit: year 2000- , database update 2021 October 11:th -		
	#21 NOT #22	10

Of the 10 Cochrane references, all 10 were Trials.

Before exclusion of duplicate a total of 643 hits

After exclusion duplicate, a total of 472 remains:

Medline: 232 hits

Embase: 235 hits (of which 3 Latvians and 1 short survey)

Cochrane: 5 trials (0 Cochrane Reviews)

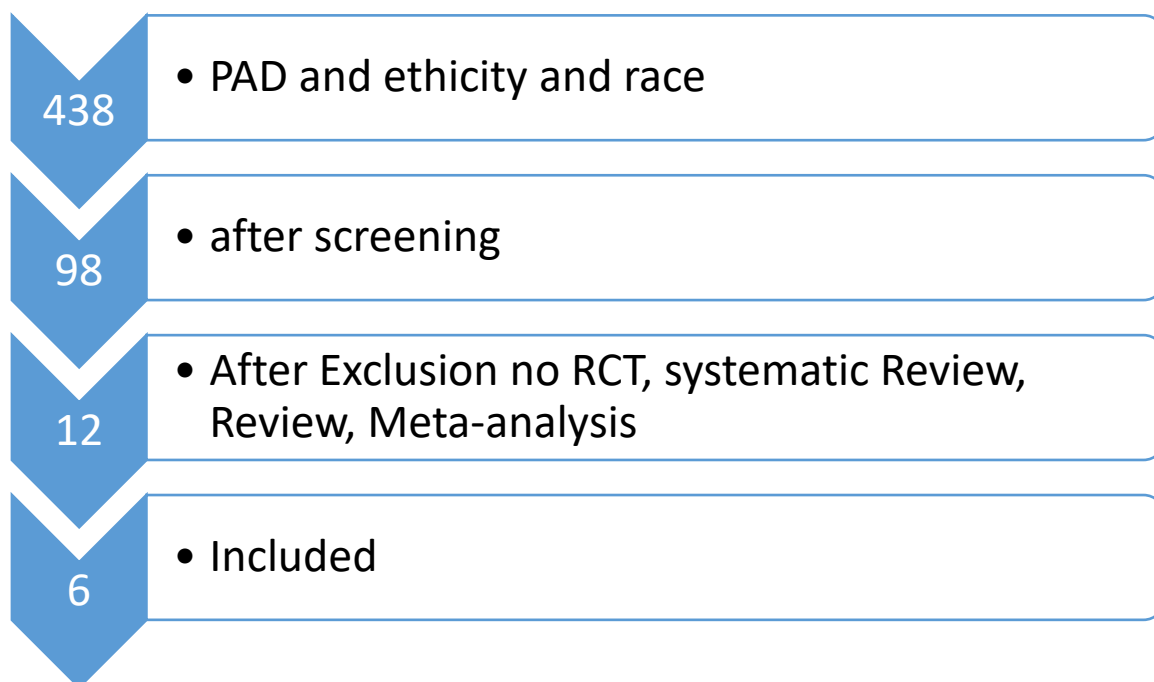
After reconciliation with previous search results, a total of 360 hits remain:

Medline: 169 hits

Embase: 186 hits (of which 3 Latvians)

Cochrane: 5 trials (0 Cochrane Reviews)

Search History for PAD and Ethnicity



#	Search Strategy	Results from 4 Apr 2023
1	Ischemia/ and (exp Lower Extremity/ or (leg or chronic or limb or leg or "lower extremit*").ti,ab,kf.)	18,651
2	((chronic or limb or leg or "lower extremit*") adj3 isch?emia).ti,ab,kf.	16,377
3	claudication.ab,ti,kf.	10,826
4	exp Peripheral Vascular Diseases/ or exp peripheral arterial disease/ or exp intermittent claudication/	64,419
5	((lower limb adj4 (arter\$ adj3 disease)) or (lower extremity adj4 (arter\$ adj3 disease)) or (peripheral adj4 arter\$ adj4 disease) or PAD or (peripheral adj4 vascular adj4 disease)).ab,ti,kf.	47,309
6	1 or 2 or 3 or 4 or 5	120,490
15	exp Ethnic Groups/	105,861
16	exp Continental Population Groups/	103,542

17	15 or 16	188,253
18	6 and 17	438
19	6 and 17 and 18	438