

Literature Search Strategy	
FULL/LONG TITLE OF THE STUDY	Systematic review & network meta-analysis of randomised controlled trials comparing antithrombotic drugs for cardiovascular risk reduction in patients with lower limb peripheral arterial disease.
SHORT STUDY TITLE / ACRONYM	NMA of Antithrombotic Drugs in PAD
Search Strategy VERSION NUMBER AND DATE	2.0 (15 th June 2023)
PROSPERO ID:	CRD42023389262
This protocol has regard for the HRA guidance and order of content	

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SEARCH STRATAGY CONTRIBUTORS

Search Strategy contributors	
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1. MEDLINE

Database: Ovid MEDLINE(R) ALL <1946 to December 30, 2022>

Search Strategy:

-
- 1 exp Peripheral arterial disease/ (10968)
 - 2 exp Peripheral vascular diseases/ (57606)
 - 3 Peripheral arter* occlusive disease.tw. (2056)
 - 4 (Peripheral arter* disease* or PAD).tw. (38668)
 - 5 (Peripheral adj3 disease*).tw. (35430)
 - 6 (PVD or pvod or paod or poad).tw. (4262)
 - 7 Peripheral vascular disease.tw. (9508)
 - 8 Arterial occlusive diseases/ (28141)
 - 9 Arteriosclerosis obliterans/ (4026)
 - 10 Arteriosclerosis/ or atherosclerotic.tw. (116613)
 - 11 Arteriolosclerosis/ (179)
 - 12 Intermittent claudication/ (8388)
 - 13 (Critical limb adj2 isch?emia).tw. (4685)
 - 14 (Chronic limb adj2 isch?emia).tw. (1022)
 - 15 (CLTI or CLI).tw. (3564)
 - 16 claudic*.tw. (11817)
 - 17 or/1-16 (252497)
 - 18 Aorta, Abdominal/ or Femoral Artery/ or Iliac Artery/ or Popliteal Artery/ or Tibial Arteries/ (64884)
 - 19 (isch?em* or malper* or occlu* or steno* or athero* or obstruct* or reocclu* or re-occlu* or lesion* or block* or harden* or stiff* or bypass* or by-pass* or stent* or angio* or amput* or dysvascular* or arteriopath*).tw. (3512016)
 - 20 18 and 19 (34034)
 - 21 ((Abdominal aorta* or Aortoiliac or Aortofemoral or Genicular or Fempop* or Femoropop* or Femoral or Iliofemoral or Infrapopliteal or infrainguinal or Iliac or Peroneal or Popliteal or Tibial) adj3 (isch?em* or malper* or dis* or occlu* or steno* or athero* or obstruct* or reocclu* or re-occlu* or lesion* or block* or harden* or stiff* or bypass* or by-pass* or stent* or angio* or dysvascular* or arteriopath*)).tw. (40028)
 - 22 (Lower extremit* adj3 (isch?em* or malper* or disease* or occlu* or steno* or athero* or obstruct* or reocclu* or re-occlu* or lesion* or block* or harden* or stiff* or bypass* or by-pass* or stent* or angio* or amput* or dysvascular* or arteriopath*)).tw. (9436)
 - 23 (Lower limb* adj3 (isch?em* or malper* or disease* or occlu* or steno* or athero* or obstruct* or reocclu* or re-occlu* or lesion* or block* or harden* or stiff* or bypass* or by-pass* or stent* or angio* or amput* or dysvascular* or arteriopath*)).tw. (9280)

24 (Leg* adj3 (isch?em* or malper* or disease* or occlu* or steno* or athero* or obstruct* or reocclu* or re-occlu* or lesion* or block* or harden* or stiff* or bypass* or by-pass* or stent* or angio* or amput* or dysvascular* or arteriopath*)).tw. (12427)

25 Criteria for Lower Extremity Impairment.tw. (0)

26 ((fontaine or rutherford* or granziani* or bollinger* or global limb anatom*) adj4 (scor* or categor* or class* or stag* or system or angiographic* or grad*)).tw. (1854)

27 ((Wound Ischemia Foot Infection or WIFi) adj4 (class* or grad* or stag* or categor* or system* or scor*)).tw. (203)

28 or/21-27 (68395)

29 17 or 20 or 28 (314307)

30 exp Anticoagulants/ (240000)

31 exp Antithrombins/ (26065)

32 exp Platelet Aggregation Inhibitors/ (134248)

33 exp Coumarins/ (55857)

34 (Anticoagulant* or Antithromb* or Anti-coagulant* or Anti-thromb* or Antiplatelet* or Anti-platelet* or Antiaggreg* or Anti-aggreg*).tw. (135744)

35 ((vitamin k or vit k) adj4 antagonist*).tw. (8072)

36 VKA*.tw. (3416)

NMA of Antithrombotics in PAD – Search Strategy v1.0 (2023-Jan-04)

37 (Aspirin or nitroaspirin or ASA or acetyl-salicyclic acid or acetylsalicylic acid or acetysal or acylpyrin or aloxiprimun or colfarit or dispril or easprin or ecotrin or endosprin or magnecyl or micristin or polopiryna or solprin or solupsan or zorprin).tw,nm. (101339)

38 exp Aspirin/ (48077)

39 ((platelet or thromboxane* or thrombocyte* or cox or cyclooxygenase or cyclo-oxygenase or phosphodiesterase or fibrinogen) adj4 (antagonist* or inhibitor*)).tw. (25431)

40 ((gp* or glycoprotein* or protease or aflen) adj4 (antagonist* or inhibitor*)).tw,nm. (11625)

41 (carbasalat* calcium or indobufen or trifusal or disgren or grendis or triflux).tw,nm. (200)

42 (abciximab or tirofiban* or eptifibatid* or reopro or integrilin* or aggrastat*).tw,nm. (4105)

43 (thienopyridine* or thiophen* or clopidogrel or plavix or iscover or prasugrel or effient or ticlopidine or ticlid or cangrelor or elinogrel or grepid).tw,nm. (45075)

44 (cilostazol or pletal or picotamide or plactidil).tw,nm. (2223)

45 (picotinamide or suloctidil or sulphinpyrazone).tw,nm. (344)

46 (satigrel or sarpolgrelate or isbogrel).tw,nm. (56)

47 (epoprostenol* or iloprost* or ketanserin* or milrinone* or mopidamol* or ventavis or ilomedine).tw,nm. (23152)

48 (dispril or albyl* or aggrenox or ozagrel).tw,nm. (648)

49 terutroban.tw,nm. (81)

50 exp Clopidogrel/ (10058)

51 (antistenocardin or apo-dipyr#damole or cerebrovase or cleridium or curantil or curantyl or dipyr#midole or kurantil or miosen or novo-dipiradol or persantin*).tw,nm. (453)

52 exp Dipyridamole/ (7749)

53 prasugrel.tw,nm. (2864)

54 exp Prasugrel Hydrochloride/ (1756)

55 (ticagrelor or brilinta or brilique).tw,nm. (3812)

56 exp Ticagrelor/ (2355)

57 (warfarin or aldocumar or coumadin* or dindevan or jantoven or lawarin or marevan or tedicumar or warfant or waran).tw,nm. (33454)

58 exp Warfarin/ (21204)

59 (acenocoumarol* or acenocoumarin* or mini-sintrom or minisintrom or nicoumalone or sinkumar or sinthrome or sintrom or syncoumar or syncumar or synthrom).tw,nm. (1821)

60 exp Acenocoumarol/ (1364)

61 (phenprocoumon or phenprocoumalol or phenprocoumarol or phenprogramma or marcoumar or marcumar or falithrom or liquamar).tw,nm. (1390)

62 Phenprocoumon/ (972)

63 (phenindione or dindevan or fenilin or phenylindanedione or phenylene or pindione).tw,nm. (923)

64 exp Phenindione/ (890)

65 (apixaban or eliquis).tw,nm. (4991)

66 odiparcil.tw,nm. (7)

67 (edoxaban or otamixban or betrixaban).tw,nm. (2130)

68 (rivaroxaban or xarelto).tw,nm. (7620)

69 exp Rivaroxaban/ (4543)

70 (dabigatran or pradax* or prazax*).tw,nm. (6300)

71 (ximelagatran or exanta or exarta).tw,nm. (604)

72 exp Dabigatran/ (3795)

73 (heparin or calciparin* or ariven or arteven or bemiparin or calcilean or certoparin or depo-heparin or eparina or hed-heparin or hepalean or hepalthrom or leparan or lipo-hepin or liqu?emin* or multi-parin or multiparin or novoheparin or panbyrin or parvoparin or pularin or thromboliquine or vetren).tw,nm. (103232)

74 exp Heparin/ (68010)

75 (LMWH or LMH).tw. (6409)

76 (nadroparin* or fraxiparin* or enoxaparin*).tw,nm. (6939)

77 (dalteparin* or fragmin* or tedelparin or ardeparin).tw,nm. (1658)

78 exp Dalteparin/ (926)

79 (lovenox or clexane or klexane or enoxaparin).tw,nm. (6256)

NMA of Antithrombotics in PAD – Search Strategy v1.0 (2023-Jan-04)

80 exp Enoxaparin/ (3876)
81 (normiflo or tinzaparin or logiparin* or innohep or certoparin* or sandoparin*).tw,nm. (669)
82 exp Tinzaparin/ (337)
83 (reviparin* or clivarin*).tw,nm. (142)
84 (danaparoid or danaproid or orgaran or lomoparan).tw,nm. (685)
85 (antixarin or ardeparin* or bemiparin*).tw,nm. (179)
86 (zibor or embolex or monoembolex).tw,nm. (18)
87 (parnaparin* or tedelparin*).tw,nm. (63)
88 (seleparin* or tedegliparin*).tw,nm. (2)
89 (lomoparan or orgaran).tw,nm. (105)
90 argatroban.tw,nm. (1640)
91 (bivalirudin or angiomax or angiox).tw,nm. (1929)
92 (epoprostenol or epoprostanol or flolan or prostacyclin or prostaglandin or velettri).tw,nm.
(113039)
93 exp Epoprostenol/ (12894)
94 (fondaparinux or arixtra or quixidar).tw,nm. (2148)
95 exp Fondaparinux/ (1179)
96 or/30-95 (656026)
97 randomized controlled trial.pt. (582703)
98 controlled clinical trial.pt. (95139)
99 randomi#ed.ab. (699928)
100 placebo.ab. (234618)
101 dt.fs. (2561252)
102 randomly.ab. (397399)
103 trial.ab. (628606)
104 groups.ab. (2447963)
105 97 or 98 or 99 or 100 or 101 or 102 or 103 or 104 (5561076)
106 exp animals/ not humans.sh. (5086122)
107 105 not 106 (4848846)
108 29 and 96 and 107 (11836)

2. EMBASE

Database: Embase <1974 to 2023 Week 02>

Search Strategy:

-
- 1 exp peripheral occlusive artery disease/ (193129)
 - 2 exp peripheral vascular disease/ (2077085)
 - 3 Peripheral arter* occlusive disease.tw. (2977)
 - 4 (Peripheral arter* disease* or PAD).tw. (60085)
 - 5 (Peripheral adj3 disease*).tw. (54613)
 - 6 (PVD or pvod or paod or poad).tw. (7081)
 - 7 Peripheral vascular disease.tw. (14960)
 - 8 Arteriosclerosis/ (24775)
 - 9 Arteriosclerosis/ or atherosclerotic.tw. (123594)
 - 10 Arteriolosclerosis/ (917)
 - 11 Intermittent claudication/ (10478)
 - 12 (Critical limb adj2 isch?emia).tw. (7603)
 - 13 (Chronic limb adj2 isch?emia).tw. (1496)
 - 14 (CLTI or CLI).tw. (5910)
 - 15 claudic*.tw. (16399)
 - 16 or/1-15 (2145271)
 - 17 abdominal aorta/ or femoral artery/ or iliac artery/ or popliteal artery/ or tibial artery/ (72417)
 - 18 (isch?em* or malper* or occlu* or steno* or athero* or obstruct* or reocclu* or re-occlu* or lesion* or block* or harden* or stiff* or bypass* or by-pass* or stent* or angio* or amput* or dysvascular* or arteriopath*).tw. (4700075)
 - 19 17 and 18 (42970)
 - 20 ((Abdominal aorta* or Aortoiliac or Aortofemoral or Genicular or Fempop* or Femoropop* or Femoral or Iliofemoral or Infrapopliteal or infrainguinal or Iliac or Peroneal or Popliteal or Tibial) adj3 (isch?em* or malper* or dis* or occlu* or steno* or athero* or obstruct* or reocclu* or re-occlu* or lesion* or block* or harden* or stiff* or bypass* or by-pass* or stent* or angio* or dysvascular* or arteriopath*)).tw. (54021)
 - 21 (Lower extremit* adj3 (isch?em* or malper* or disease* or occlu* or steno* or athero* or obstruct* or reocclu* or re-occlu* or lesion* or block* or harden* or stiff* or bypass* or by-pass* or stent* or angio* or amput* or dysvascular* or arteriopath*)).tw. (12426)
 - 22 (Lower limb* adj3 (isch?em* or malper* or disease* or occlu* or steno* or athero* or

obstruct* or reocclu* or re-occlu* or lesion* or block* or harden* or stiff* or bypass* or by-pass* or stent* or angio* or amput* or dysvascular* or arteriopath*)).tw. (13021)

23 (Leg* adj3 (isch?em* or malper* or disease* or occlu* or steno* or athero* or obstruct* or reocclu* or re-occlu* or lesion* or block* or harden* or stiff* or bypass* or by-pass* or stent* or angio* or amput* or dysvascular* or arteriopath*)).tw. (15360)

24 Criteria for Lower Extremity Impairment.tw. (0)

25 ((Wound Ischemia Foot Infection or WiFi) adj4 (class* or grad* or stag* or categor* or system* or scor*)).tw. (323)

26 or/19-25 (118074)

27 16 or 19 or 26 (2208903)

28 exp anticoagulant agent/ (761223)

29 exp antithrombin/ (11433)

30 exp antithrombocytic agent/ (393287)

31 exp coumarin derivative/ (146470)

32 (Anticoagulant* or Antithromb* or Anti-coagulant* or Anti-thromb* or Antiplatelet* or Anti-platelet* or Antiaggreg* or Anti-aggreg*).tw. (205364)

33 ((vitamin k or vit k) adj4 antagonist*).tw. (13460)

34 VKA*.tw. (6898)

35 (Aspirin or nitroaspirin or ASA or acetyl-salicyclic acid or acetylsalicylic acid or acetysal or acylpyrin or aloxiprimun or colfarit or dispril or easprin or ecotrin or endosprin or magnecyl or micristin or polopiryna or solprin or solupsan or zorprin).du,tn,tw. (298985)

36 acetylsalicylic acid/ (239860)

37 ((platelet or thromboxane* or thrombocyte* or cox or cyclooxygenase or cyclo-oxygenase or phosphodiesterase or fibrinogen) adj4 (antagonist* or inhibitor*)).tw. (33317)

38 ((gp* or glycoprotein* or protease or aflen) adj4 (antagonist* or inhibitor*)).du,tn,tw. (16166)

39 (carbasalat* calcium or indobufen or trifusal or disgren or grendis or triflux).du,tn,tw. (984)

40 (abciximab or tirofiban* or eftifibatid* or reopro or integrilin* or aggrastat*).du,tn,tw. (14890)

41 (thienopyridine* or thiophen* or clopidogrel or plavix or iscover or prasugrel or effient or ticlopidine or ticlid or cangrelor or elinogrel or grepid).du,tn,tw. (102403)

42 (cilostazol or pletal or picotamide or plactidil).du,tn,tw. (7336)

43 (picotinamide or suloctidil or sulphinpyrazone).du,tn,tw. (671)

44 (satigrel or sarpogrelate or isbogrel).du,tn,tw. (185)

45 (epoprostenol* or iloprost* or ketanserine* or milrinone* or mepidamol* or ventavis or ilomedine).du,tn,tw. (27945)

46 (dispril or albyl* or aggrenox or ozagrel).du,tn,tw. (1828)

47 terutroban.du,tn,tw. (283)

48 clopidogrel/ or acetylsalicylic acid plus clopidogrel/ (72255)

49 (antistenocardin or apo-dipyr#damole or cerebrovase or cleridium or curantil or curantyl or dipyr#midole or kurantil or miosen or novo-dipiradol or persantin*).du,tn,tw. (2092)

50 dipyridamole/ or dipyridamole tl 201/ (24157)

51 prasugrel.du,tn,tw. (11126)

52 prasugrel/ (10805)

53 (ticagrelor or brilinta or brilique).du,tn,tw. (13736)

54 (compare or compared or comparison).ti. (583947)

55 ticagrelor/ (13390)

56 (warfarin or aldocumar or coumadin* or dindevan or jantoven or lawarin or marevan or tedicumar or warfant or waran).du,tn,tw. (107726)

57 warfarin/ (103164)

58 (acenocoumarol* or acenocoumarin* or mini-sintrom or minisintrom or nicoumalone or sinkumar or sinthrome or sintrom or syncoumar or syncumar or synthrom).du,tn,tw. (6986)

59 acenocoumarol/ (6828)

60 (phenprocoumon or phenprocoumalol or phenprocoumarol or phenprogramma or marcoumar or marcumar or falithrom or liquamar).du,tn,tw. (5478)

61 phenprocoumon/ (5310)

62 (phenindione or dindevan or fenilin or phenylindanedione or phenylene or pindione).du,tn,tw. (962)

63 phenindione/ (939)

64 (apixaban or eliquis).du,tn,tw. (19393)

65 odiparcil.du,tn,tw. (39)

66 (edoxaban or otamixban or betrixaban).du,tn,tw. (7761)

67 (rivaroxaban or xarelto).du,tn,tw. (26183)

68 rivaroxaban/ (25480)

69 (dabigatran or pradax* or prazax*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word] (20715)

70 (dabigatran or pradax* or prazax*).du,tn,tw. (19828)

71 (ximelagatran or exanta or exarta).du,tn,tw. (2387)

72 dabigatran etexilate/ or dabigatran/ (19955)

73 (heparin or calciparin* or ariven or arteven or bemiparin or calcilean or certoparin or depo-heparin or eparina or hed-heparin or hepalean or hepalthrom or leparan or lipo-hepin or liqu?emin* or multi-parin or multiparin or novoheparin or panbyrin or parvoparin or pularin or thromboliquine or vetren).du,tn,tw. (198014)

74 exp heparin/ (159547)

75 (LMWH or LMH).tw. (12300)

76 (nadroparin* or fraxiparin* or enoxaparin*).du,tn,tw. (35128)

77 (dalteparin* or fragmin* or tedelparin or ardeparin).du,tn,tw. (8773)

78 Dalteparin/ (8459)

79 (lovenox or clexane or klexane or enoxaparin).du,tn,tw. (32362)

80 enoxaparin/ (31798)

81 (normiflo or tinzaparin or logiparin* or innohep or certoparin* or sandoparin*).du,tn,tw. (4229)

82 tinzaparin/ (3706)

83 (reviparin* or clivarin*).du,tn,tw. (962)

84 (danaparoid or danaproid or orgaran or lomoparan).du,tn,tw. (2902)

85 (antixarin or ardeparin* or bemiparin*).du,tn,tw. (966)

86 (zibor or embolex or monoembolex).du,tn,tw. (284)

87 (parnaparin* or tedelparin*).du,tn,tw. (408)

88 (seleparin* or tedegliparin*).du,tn,tw. (34)

89 (lomoparan or orgaran).du,tn,tw. (631)

90 argatroban.du,tn,tw. (5398)

91 (bivalirudin or angiomas or angiox).du,tn,tw. (4267)

92 (epoprostenol or epoprostanol or flolan or prostacyclin or prostaglandin or velettri).du,tn,tw. (146950)

93 prostacyclin/ (27104)

94 (fondaparinux or arixtra or quixidar).du,tn,tw. (8815)

95 fondaparinux/ (8561)

96 or/28-94 (1644273)

97 randomized controlled trial/ (745305)

98 controlled clinical trial/ (468043)

99 1 or 2 (2077085)

100 random*.ti,ab. (1878217)

101 randomization/ (95949)

102 intermethod comparison/ (291511)

103 placebo.ti,ab. (352428)

104 (compare or compared or comparison).ti. (583947)

105 random\$.ti,ab. (1878217)

106 randomization/ (95949)

107 intermethod comparison/ (291511)

108 placebo.ti,ab. (352428)

109 (compare or compared or comparison).ti. (583947)

110 ((evaluated or evaluate or evaluating or assessed or assess) and (compare or compared or comparing or comparison)).ab. (2634442)

111 (open adj label).ti,ab. (103030)

112 ((double or single or doubly or singly) adj (blind or blinded or blindly)).ti,ab. (264908)

113 double blind procedure/ (202606)

114 parallel group\$1.ti,ab. (30703)

115 ((assign\$ or match or matched or allocation) adj5 (alternate or group\$1 or intervention\$1 or patient\$1 or subject\$1 or participant\$1)).ti,ab. (396889)

116 (assigned or allocated).ti,ab. (468204)

117 (controlled adj7 (study or design or trial)).ti,ab. (428630)

118 (volunteer or volunteers).ti,ab. (274842)

119 human experiment/ (609593)

120 trial.ti. (379666)

121 or/100-120 (5855832)

122 121 not 99 (5440030)

123 (random\$ adj sampl\$ adj7 (cross section\$ or questionnaire\$1 or survey\$ or database\$1)).ti,ab. not (comparative study/ or controlled study/ or randomi?ed controlled.ti,ab. or randomly assigned.ti,ab.) (9283)

124 Cross-sectional study/ not (randomized controlled trial/ or controlled clinical study/ or controlled study/ or randomi?ed controlled.ti,ab. or control group\$1.ti,ab.) (334083)

125 (((case adj control\$) and random\$) not randomi?ed controlled).ti,ab. (20633)

126 (Systematic review not (trial or study)).ti. (234232)

127 (nonrandom\$ not random\$).ti,ab. (18351)

128 Random field\$.ti,ab. (2837)

129 (random cluster adj3 sampl\$).ti,ab. (1500)

130 (review.ab. and review.pt.) not trial.ti. (1057289)

131 we searched.ab. and (review.ti. or review.pt.) (45542)
132 update review.ab. (130)
133 (databases adj4 searched).ab. (56461)
134 (rat or rats or mouse or mice or swine or porcine or murine or sheep or lambs or pigs or
piglets or rabbit or rabbits or cat or cats or dog or dogs or cattle or bovine or monkey or monkeys
or trout or marmoset\$1).ti. and animal experiment/ (1181942)
135 Animal experiment/ not (human experiment/ or human/) (2481826)
136 or/123-135 (4139259)
137 122 not 136 (4809890)
138 27 and 96 and 137 (4354)

3. Cochrane CENTRAL

Date Run: 08/03/2023 20:02:27

ID	SearchHits
#1	MeSH descriptor: [Arteriosclerosis] this term only 1168
#2	MeSH descriptor: [Arteriolosclerosis] this term only 0
#3	MeSH descriptor: [Arteriosclerosis Obliterans] this term only 92
#4	MeSH descriptor: [Atherosclerosis] this term only 1765
#5	MeSH descriptor: [Arterial Occlusive Diseases] this term only 1046
#6	MeSH descriptor: [Chronic Limb-Threatening Ischemia] this term only 15
#7	MeSH descriptor: [Intermittent Claudication] this term only 1079
#8	MeSH descriptor: [Peripheral Vascular Diseases] this term only 1013
#9	MeSH descriptor: [Peripheral Arterial Disease] this term only 1405
#10	(arteriosclero* or arteriolosclero*):ti,ab,kw 2359
#11	((Peripheral near/3 disease*)):ti,ab,kw 8062
#12	(PVD or PVOD or PAOD or POA or PAD):ti,ab,kw 6598
#13	("Critical limb" near/2 isch?emia):ti,ab,kw 843
#14	("Chronic limb" near/2 isch?emia):ti,ab,kw 153
#15	(CLTI or CLI):ti,ab,kw 606
#16	(claudic*):ti,ab,kw 2909
#17	(Criteria for Lower Extremity Impairment):ti,ab,kw 118
#18	((Lower extremit* near/3 (isch?em* or malper* or occlu* or steno* or athero* or obstruct* or reocclu* or re-occlu* or lesion* or block* or harden* or stiff* or bypass* or by-pass* or stent* or angio* or amput* or dysvascular* or arteriopath*)):ti,ab,kw 631
#19	((Lower limb* near/3 (isch?em* or malper* or occlu* or steno* or athero* or obstruct* or reocclu* or re-occlu* or lesion* or block* or harden* or stiff* or bypass* or by-pass* or stent* or angio* or amput* or dysvascular* or arteriopath*)):ti,ab,kw 1784
#20	((((Leg or legs) near/3 (isch?em* or malper* or occlu* or steno* or athero* or obstruct* or reocclu* or re-occlu* or lesion* or block* or harden* or stiff* or bypass* or by-pass* or stent* or angio* or amput* or dysvascular* or arteriopath*)):ti,ab,kw 1152
#21	#1 or #2 or #3 or #4 or #5 or #6 or #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 21256
#22	MeSH descriptor: [Anticoagulants] explode all trees 6111
#23	MeSH descriptor: [Antithrombins] explode all trees 1162
#24	MeSH descriptor: [Platelet Aggregation Inhibitors] explode all trees 5063
#25	((Anticoagulant* or Antithromb* or Anti-coagulant* or Anti-thromb* or Antiplatelet* or Anti-platelet* or Antiaggreg* or Anti-aggreg*)):ti 5468

#26 ((vitamin k or vit k) near/4 (antagon*)):ti,ab,kw 1371

#27 (VKA*):ti,ab,kw 597

#28 ((Aspirin or nitroaspirin or ASA or acetyl-salicyclic acid or acetylsalicylic acid or acetysal or acylpyrin or aloxiprimun or colfarit or dispril or easprin or ecotrin or endosprin or magnecyl or micristin or polopiryna or solprin or solupsan or zorprin)):ti,ab,kw 44843

#29 MeSH descriptor: [Aspirin] explode all trees 7011

#30 ((platelet or thromboxane* or thrombocyte* or cox or cyclooxygenase or cyclo-oxygenase or phosphodiesterase or fibrinogen) near/4 (antagonist* or inhibitor*)):ti,ab,kw 7713

#31 ((gp* or glycoprotein* or protease or aflen) near/4 (antagonist* or inhibitor*)) 1712

#32 (carbasalat* calcium or indobufen or trifusal or disgren or grendis or triflux):ti,ab,kw 148

#33 (abciximab or tirofiban* or eftifibatid* or reopro or integrilin* or aggrastat*):ti,ab,kw 1655

#34 (thienopyridine* or thiophen* or clopidogrel or plavix or iscover or prasugrel or effient or ticlopidine or ticlid or cangrelor or elinogrel or grepid):ti,ab,kw 8716

#35 (cilostazol or pletal or picotamide or plactidil):ti,ab,kw 950

#36 (picotinamide or suloctidil or sulphinpyrazone):ti,ab,kw 86

#37 (satigrel or sarpolgrelate or isbogrel):ti,ab,kw 5

#38 (epoprostenol* or iloprost* or ketanserin* or milrinone* or mopidamol* or ventavis or ilomedine):ti,ab,kw 2050

#39 (dispril or albyl* or aggrenox or ozagre):ti,ab,kw 50

#40 (terutroban):ti,ab,kw 26

#41 MeSH descriptor: [Clopidogrel] this term only 2438

#42 (antistenocardin or apo-dipyridamole or cerebrovase or cleridium or curantil or curantyl or dipyridamole or kurantil or miosen or novo-dipiradol or persantin*):ti,ab,kw 89

#43 MeSH descriptor: [Dipyridamole] explode all trees 693

#44 (prasugrel):ti,ab,kw 1280

#45 MeSH descriptor: [Prasugrel Hydrochloride] this term only 539

#46 (ticagrelor or brilinta or brilique):ti,ab,kw 2214

#47 MeSH descriptor: [Ticagrelor] this term only 1028

#48 ((warfarin or aldocumar or coumadin* or dindevan or jantoven or lawarin or marevan or tedicumar or warfant or waran)):ti,ab,kw 5416

#49 MeSH descriptor: [Warfarin] this term only 2064

#50 MeSH descriptor: [Coumarins] explode all trees 2694

#51 (acenocoumarol* or acenocoumarin* or mini-sintrom or minisintrom or nicoumalone or sinkumar or sinthrome or sintrom or syncoumar or syncumar or synthrom):ti,ab,kw 311

#52 MeSH descriptor: [Acenocoumarol] this term only 140

#53 (phenprocoumon or phenprocoumalol or phenprocoumarol or phenprogramma or marcoumar or marcumar or falithrom or liquamar):ti,ab,kw 279

#54 MeSH descriptor: [Phenprocoumon] this term only 117

#55 ((phenindione or dindevan or fenilin or phenylindanedione or phenylene or pindione)):ti,ab,kw 42

#56 MeSH descriptor: [Phenindione] this term only 32

#57 (apixaban or eliquis):ti,ab,kw 1162

#58 (odiparcil):ti,ab,kw 10

#59 (edoxaban or otamixban or betrixaban):ti,ab,kw 774

#60 (rivaroxaban or xarelto):ti,ab,kw 2170

#61 MeSH descriptor: [Rivaroxaban] explode all trees 800

#62 (dabigatran or pradax* or prazax*):ti,ab,kw 1144

#63 (ximelagatran or exanta or exarta):ti,ab,kw 177

#64 MeSH descriptor: [Dabigatran] this term only 405

#65 (heparin or calciparin* or ariven or arteven or bemiparin or calcilean or certoparin or depo-heparin or eparina or hed-heparin or hepalean or hepalthrom or leparan or lipo-hepin or liqu?emin* or multi-parin or multiparin or novoheparin or panbyrin or parvoparin or pularin or thromboliquine or vetren):ti,ab,kw 12490

#66 MeSH descriptor: [Heparin] explode all trees 5592

#67 (LMWH or LMH):ti,ab,kw 1624

#68 (nadroparin* or fraxiparin* or enoxaparin*):ti,ab,kw 2910

#69 (dalteparin* or fragmin* or tedelparin or ardeparin):ti,ab,kw 974

#70 MeSH descriptor: [Dalteparin] this term only 449

#71 (lovenox or clexane or klexane or enoxaparin):ti,ab,kw 2540

#72 MeSH descriptor: [Enoxaparin] this term only 883

#73 (normiflo or tinzaparin* or logiparin* or innohep or certoparin* or sandoparin*):ti,ab,kw 151

#74 MeSH descriptor: [Tinzaparin] this term only 122

#75 (reviparin* or clivarin*):ti,ab,kw 77

#76 (danaparoid or danaproid or organan or lomoparan):ti,ab,kw 83

#77 (antixarin or ardeparin* or bemiparin*):ti,ab,kw 94

#78 (zibor or embolex or monoembolex):ti,ab,kw 23

#79 (parnaparin* or tedelparin*):ti,ab,kw 45

#80 (seleparin* or tedegliparin*):ti,ab,kw 2

#81 (lomoparan or organan):ti,ab,kw 34

#82 (argatroban):ti,ab,kw 186

#83	(bivalirudin or angiomas or angiox):ti,ab,kw	580
#84	(epoprostenol or epoprostanol or flolan or prostacyclin or prostaglandin or velettri):ti,ab,kw	8223
#85	MeSH descriptor: [Epoprostenol] this term only	557
#86	(fondaparinux or arixtra or quixidar):ti,ab,kw	470
#87	MeSH descriptor: [Fondaparinux] this term only	154
#88	{OR #22-#87}	82974
#89	#21 and #88	2573 (2518 are trials)

4. Web Of Science

1. (randomi?ed OR randomi?ation OR placebo* OR (random* AND (allocat* OR assign*)) OR (blind* AND (single OR double OR treble OR triple))) (Topic)
2. peripheral near/1 disease* or PAD or PVOD or PAOD or POAD or "intermittent claudication" or "critical limb isch?emia" or "chronic limb isch?emia" or claudication or CLTI or CLI or "criteria for lower limb extremity impairment" (Topic)
3. (("lower extremi?" or "lower limb?" or leg or legs) near/3 (isch?em* or malper* or occlu* or steno* or athero* or obstruct* or reocclu* or re-occlu* or lesion* or block* or harden* or stiff* or bypass* or by-pass* or stent* or angio* or amput* or dysvascular* or arteriopath*)) (Topic)
4. TS=((anticoagulant* or antithromb* or anti-coagulant* or anti-thromb* or antiplatelet* or anti-platelet* or antiaggreg* or anti-aggreg* or VKA or aspirin or nitroaspirin or ASA or acetyl-salicyclic acid or "acetylsalicylic acid" or acetysal or acylpyrin or aloxiprimun or colfarit or dispril or easprin or ecotrin or endosprin or magnecyl or micristin or polopiryna or solprin or solupsan or zorprin or "carbasalat* calcium" or indobufen or trifusal or disgren or grendis or triflux or abciximab or tirofiban* or eftifibatid* or reopro or integrilin* or aggrastat* or thienopyridine* or thiophen* or clopidogrel or plavix or iscover or prasugrel or effient or ticlopidine or ticlid or cangrelor or elinogrel or grepid or cilostazol or pletal or picotamide or plactidil or picotinamide or suloctidil or sulphinpyrazone or satigrel or sarpolgrelate or isbogrel or epoprostenol* or iloprost* or ketanserin* or milrinone* or mopidamol* or ventavis or ilomedine or dispril or albyl* or aggrenox or ozagrel or terutroban or antistenocardin or apo-dipyr?damole or cerebrovase or cleridium or curantil or curantyl or dipyr?midole or kurantil or miosen or novo-dipiradol or persantin* or prasugrel or ticagrelor or brilinta or briliq or warfarin or aldocumar or coumadin* or dindevan or jantoven or lawarin or marevan or tedicumar or warfant or waran or acenocoumarol* or acenocoumarin* or mini-sintrom or minisintrom or nicoumalone or sinkumar or sinthrome or sintrom or syncoumar or syncumar or synthrom or phenprocoumon or phenprocoumalol or phenprocoumarol or phenprogramma or marcoumar or marcumar or falithrom or liquamar or phenindione or dindevan or fenilin or phenylindanedione or phenylene or pindione or apixaban or eliquis or odiparcil or edoxaban or otamixban or betrixaban or rivaroxaban or xarelto or ximelagatran or exanta or exarta or dabigatran or heparin or calciparin* or ariven or arteven or bemiparin or calcilean or certoparin or depo-heparin or eparina or hed-heparin or hepalean or hepalthrom or leparan or lipo-hepin or liqu?emin* or multi-parin or multiparin or novoheparin or panbyrin or parvoparin or pularin or thromboliquine or vetren or LMWH or LMH or nadroparin* or fraxiparin* or enoxaparin* dalteparin* or fragmin* or tedelparin or ardeparin or lovenox or clexane or klexane or enoxaparin or normiflo or tinzap?rin or logiparin* or innohep or certoparin* or sandoparin* or reviparin* or clivarin* or danaparoid or danaproid or orgaran or lomoparan or antixarin or ardeparin* or bemiparin or zibor or embolex or monoembolex or parnaparin* or tedelparin* or seleparin* or tedegliparin or argatroban or epoprostenol or epoprostanol or flolan or prostacyclin or prostaglandin or velettri or fondaparinux or arixtra or quixida))
5. 2 or 3
6. 1 and 4 and 5

5. GOOGLE SCHOLAR

Anticoagulant|Anticoagulants|"Anti coagulant|Anti coagulants" "peripheral arterial|artery disease"|claudication|"critical limb ischemia|ischaemia"

Antithrombotic|Antithrombotics|"Anti thrombotic|thrombotics" "peripheral arterial|artery disease"|claudication|"critical limb ischemia|ischaemia"

Antiplatelet|Antiplatelets|"Anti platelet|platelets" "peripheral arterial|artery disease"|claudication|"critical limb ischemia|ischaemia"

5. INTERNATIONAL CLINICAL TRIALS REGISTRY PLATFORM (ICTRP)

Awaited

7. AMENDMENT LOG

Amendment Log				
Amendment No.	Protocol version no.	Date issued	Author(s) of changes	Details of changes made
0	1.0	2023-Jan-04	NA	Available at: https://doi.org/10.24376/rd.sgul.21687866v1
1	2.0	2022-Jun-15	I.Roy	1.Added Title, Contents, Contributors and Amendment Log pages. 2.Search Strategies for section 2-7 inserted.