**Search Strategy**

**Embase and MEDLINE**

Embase <1974 to 2023 November 30>

Ovid MEDLINE(R) ALL <1946 to November 30, 2023>

02/12/23

1 exp amputation/ 82167

2 exp amputee/ 6495

3 exp disarticulation/ 928

4 (amputat$ adj3 (transfemoral or transtibial or lower limb or lower extremity or above knee or below knee or through knee)).tw. 19614

5 1 or 2 or 3 or 4 91843

6 exp peripheral vascular disease/ 2219231

7 exp diabetes mellitus/ 1761422

8 dysvasc$.tw. 654

9 Peripheral arter\* occlusive disease.tw. 5141

10 (Peripheral arter\* disease\* or PAD).tw. 104876

11 (Peripheral adj3 disease\*).tw. 95004

12 (PVD or pvod or paod or poad).tw. 12083

13 Arterial occlusive diseases/ 32119

14 Arteriosclerosis obliterans/ 4111

15 Arteriosclerosis/ or atherosclerotic.tw. 249656

16 Arteriolosclerosis/ 1201

17 (Critical limb adj2 isch?emia).tw. 12724

18 (Chronic limb adj2 isch?emia).tw. 3250

19 (CLTI or CLI).tw. 10346

20 claudic\*.tw. 29252

21 Aorta, Abdominal/ or Femoral Artery/ or Iliac Artery/ or Popliteal Artery/ or Tibial Arteries/ 139300

22 (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. 8588671

23 21 and 22 78261

24 ((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. 98434

25 (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. 23118

26 (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. 23604

27 (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. 28770

28 ((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. 5430

29 ((Wound Isch?emia Foot Infection or WIFi) adj4 (class\* or grad\* or stag\* or categor\* or system\* or scor\*)).tw. 625

30 (diab\* and ulcer\*).tw. 41285

31 (diab\* and foot infect\*).tw. 3887

32 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 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 4141200

33 (transfemoral or transtibial or lower limb or lower extremity or knee).tw. 598280

34 exp lower limb/ 676561

35 major.tw. 3925802

36 33 or 34 or 35 4950295

37 exp treatment outcome/ 3594293

38 exp mortality/ 1819774

39 exp survival/ 1459202

40 exp death/ 991998

41 exp amputation stump/ 5509

42 exp healing/ 305486

43 heal\*.tw. 9035189

44 exp wound/ 1363345

45 exp infection/ 7249453

46 (contralateral or other leg or other limb).tw. 226985

47 exp "quality of life"/ 943822

48 exp pain/ 2143304

49 psych\*.tw. 2349346

50 exp anxiety/ 411726

51 exp depression/ 785458

52 exp interpersonal communication/ 797691

53 (re-admission or readmission).tw. 101103

54 (revision or re-amputation or re-operation or return to theatre or return to surgery).tw. 245130

55 exp complication/ 1562814

56 exp morbidity/ 1094710

57 exp phantom limb/ 5198

58 mobil\*.tw. 902546

59 exp locomotion/ 568748

60 exp mobilization/ 39803

61 exp limb prosthesis/ 16675

62 exp independent living/ 19441

63 exp integration/ 66998

64 social integration.tw. 7232

65 exp occupation/ 465394

66 exp employment/ 230057

67 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 26574085

68 5 and 32 45455

69 36 and 68 31959

70 67 and 69 25426

71 limit 70 to last 5 years 9892

72 limit 70 to last 10 years 15632

**Cochrane**

Date Run: 02/12/2023

ID Search Hits

#1 MeSH descriptor: [Amputation, Surgical] explode all trees 597

#2 MeSH descriptor: [Amputees] explode all trees 150

#3 MeSH descriptor: [Disarticulation] explode all trees 4

#4 (amputat\* NEAR/3 (transfemoral or transtibial or lower limb or lower extremity or above knee or below knee or through knee)) 1696

#5 #1 or #2 or #3 or #4 2082

#6 MeSH descriptor: [Peripheral Vascular Diseases] explode all trees 5395

#7 MeSH descriptor: [Diabetes Mellitus] explode all trees 46962

#8 (dysvasc\*) 96

#9 (Peripheral arter\* occlusive disease) 2367

#10 (Peripheral arter\* disease\* or PAD) 14004

#11 (Peripheral NEAR/3 disease\*) 8950

#12 (PVD or pvod or paod or poad) 16357

#13 Arterial occlusive diseases 1644

#14 Arteriosclerosis obliterans 283

#15 (Arteriosclerosis or atherosclerotic) 8796

#16 Arteriolosclerosis 77

#17 (Critical limb NEXT/2 isch?emia) 1038

#18 (Chronic limb NEXT/2 isch?emia).tw. 10697

#19 (CLTI or CLI) 752

#20 claudic\* 3103

#21 (Aorta, Abdominal or Femoral Artery or Iliac Artery or Popliteal Artery or Tibial Arteries) 5692

#22 (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\*) 346907

#23 #21 and #22 4188

#24 ((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) NEXT/3 (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\*)) 11479

#25 (Lower extremit\* NEXT/3 (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\*)). 0

#26 (Lower limb\* NEXT/3 (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\*)) 1962

#27 (Leg\* NEXT/3 (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\*)) 1335

#28 ((fontaine or rutherford\* or granziani\* or bollinger\* or global limb anatom\*) NEXT/4 (scor\* or categor\* or class\* or stag\* or system or angiographic\* or grad\*)) 9350

#29 ((Wound Isch?emia Foot Infection or WIFi) NEXT/4 (class\* or grad\* or stag\* or categor\* or system\* or scor\*)) 5737

#30 (diab\* and ulcer\*) 4333

#31 (diab\* and foot infect\*) 1226

#32 #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 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 121675

#33 (transfemoral or transtibial or lower limb or lower extremity or knee) 58802

#34 MeSH descriptor: [Lower Extremity] explode all trees 10974

#35 major 404902

#36 #33 or #34 or #35 455318

#37 MeSH descriptor: [Treatment Outcome] explode all trees 182794

#38 MeSH descriptor: [Mortality] explode all trees 21899

#39 MeSH descriptor: [Survival] explode all trees 2879

#40 MeSH descriptor: [Death] explode all trees 8079

#41 MeSH descriptor: [Amputation Stumps] explode all trees 67

#42 MeSH descriptor: [Wound Healing] explode all trees 7729

#43 heal\* 585699

#44 MeSH descriptor: [Wounds and Injuries] explode all trees 35414

#45 MeSH descriptor: [Infections] explode all trees 101740

#46 (contralateral or other leg or other limb) 19069

#47 MeSH descriptor: [Quality of Life] explode all trees 44560

#48 MeSH descriptor: [Pain] explode all trees 75292

#49 psych\* 239616

#50 MeSH descriptor: [Anxiety] explode all trees 13382

#51 MeSH descriptor: [Depression] explode all trees 18827

#52 MeSH descriptor: [Communication] explode all trees 12772

#53 (re-admission or readmission) 9104

#54 (revision or re-amputation or re-operation or return to theatre or return to surgery) 22698

#55 MeSH descriptor: [Postoperative Complications] explode all trees 50341

#56 MeSH descriptor: [Morbidity] explode all trees 26016

#57 MeSH descriptor: [Phantom Limb] explode all trees 182

#58 mobil\* 45228

#59 MeSH descriptor: [Locomotion] explode all trees 12031

#60 ambulat\* 31673

#61 MeSH descriptor: [Artificial Limbs] explode all trees 211

#62 MeSH descriptor: [Independent Living] explode all trees 983

#63 MeSH descriptor: [Social Integration] explode all trees 8

#64 Integration 7701

#65 MeSH descriptor: [Occupations] explode all trees 246

#66 MeSH descriptor: [Employment] explode all trees 2864

#67 #37 or #38 or #39 or #40 or #41 or #42 or #43 or #44 or #45 or #46 or #47 or #48 or #49 or #50 or #51 or #52 or #53 or #54 or #55 or #56 or #57 or #58 or #59 or #60 or #61 or #62 or #63 or #64 or #65 or #66 1034642

#68 #5 and #32 1511

#69 #36 and #68 1360

#70 #67 and #69 with Cochrane Library publication date from Dec 2018 to present 518 (467 trials)

#71 #67 and #69 with Cochrane Library publication date from Dec 2013 to present 832 (711 trials)