

Vascular FRCS papers

Below are 20 papers recommended for the Vascular FRCS:

Carotid Disease

Optimised medical therapy alone versus optimised medical therapy plus revascularisation for asymptomatic or low-to intermediate risk symptomatic carotid stenosis (ECST-2): 2-year interim results of a multicentre randomised trial

Simone J A Donners et al on behalf of the ECST-2 investigators†
Lancet Neurol 2025; 24: 389–99

Second asymptomatic carotid surgery trial (ACST-2): a randomised comparison of carotid artery stenting versus carotid endarterectomy.

Halliday A et al, ACST-2 Collaborative Group.
Lancet. 2021 Sep 18;398(10305):1065-1073. doi: 10.1016/S0140-6736(21)01910-3.
Epub 2021 Aug 29.

Early Endarterectomy Carries a Lower Procedural Risk Than Early Stenting in Patients With Symptomatic Stenosis of the Internal Carotid Artery: Results From 4 Randomized Controlled Trials.

Rantner B et al. Carotid Stenosis Trialists' Collaboration.
Stroke. 2017 Jun; 48(6):1580-1587.

Aortic disease

Mid-term Migration and Device Failure Following Endovascular Aneurysm Sealing with the Nellix Stent Graft System - a Single Centre Experience.

Harrison SC et al.
Eur J Vasc Endovasc Surg. 2018 Sep;56(3):342-348.

Systematic review and meta-analysis of sex differences in outcomes after endovascular aneurysm repair for infrarenal abdominal aortic aneurysm.

Liu Y et al.
J Vasc Surg. 2020 Jan;71(1):283-296

Endovascular or open repair strategy for ruptured abdominal aortic aneurysm: 30 day outcomes from IMPROVE randomised trial.

IMPROVE Trial Investigators.
BMJ. 2014; 348: 7661-7673

Comparison of Open Surgery and Endovascular Techniques for Juxtarenal and Complex Neck Aortic Aneurysms: The UK COMPLEX Aneurysm Study (UK-COMPASS) e Peri-operative and Midterm Outcomes.

Srinivasa R et al
Eur J Vasc Endovasc Surg (2024) 67, 540-553

Endovascular repair of type B aortic dissection: long-term results of the randomized investigation of stent grafts in aortic dissection trial.

Nienaber et al on behalf Instead-XL trial.

Circ Cardiovasc Interv 2013 Aug;6(4):407-16

Peripheral Vascular Disease / Diabetic Foot Ulcer / Amputation

Risk of major amputation in patients with intermittent claudication undergoing early revascularization.

Golledge J et al.

Br J Surg. 2018 May;105(6):699-708. doi: 10.1002/bjs.10765. Epub 2018 Mar

Paclitaxel-coated versus uncoated devices for infrainguinal endovascular revascularisation in patients with intermittent claudication (SWEDEPAD 2): a multicentre, participantmasked, registry-based, randomised controlled trial

Nordanstig et al, on behalf of the SWEDEPAD trial investigators*

Lancet 2025; 406: 1115–27

Lower limb amputation in England: prevalence, regional variation and relationship with revascularisation, deprivation and risk factors. A retrospective review of hospital data.

Ahmad N et al.

J R Soc Med 2014 Dec;107(12):483-9.doi: 10.1177/0141076814557301. Epub 2014

A vein bypass first versus a best endovascular treatment first revascularisation strategy for patients with chronic limb threatening ischaemia who required an infra-popliteal, with or without an additional more proximal infra-inguinal revascularisation procedure to restore limb perfusion (BASIL-2): an open-label, randomised, multicentre, phase 3 trial.

Bradbury AW et al BASIL-2 Investigators.

Lancet. 2023 May 27;401(10390):1798-1809. doi: 10.1016/S0140-6736(23)00462-2. Epub 2023 Apr 25.PMID: 37116524

Plain versus drug balloon and stenting in severe ischaemia of the leg (BASIL-3): open label, three arm, randomised, multicentre, phase 3 trial.

Bradbury AW ; BASIL-3 Investigators.

BMJ. 2025 Feb 24;388:e080881. doi: 10.1136/bmj-2024-080881.

Secondary Prevention in Peripheral Vascular Disease

Efficacy and safety of more intensive lowering of LDL cholesterol: a meta-analysis of data from 170,000 participants in 26 randomised trials

C Baigent et al, Cholesterol Treatment Trialists' (CTT) Collaboration 1;

Lancet 2010 Nov 13;376(9753):1670-81. doi: 10.1016/S0140-6736(10)61350-5.

Rivaroxaban in Peripheral Artery Disease after Revascularisation (Voyager PAD)

Bonaca et al
N Engl J Med 2020;382:1994-2004. DOI: 10.1056/NEJMoa2000052

Low-Density Lipoprotein Cholesterol Lowering With Evolocumab and Outcomes in Patients With Peripheral Artery Disease: Insights From the FOURIER Trial (Further Cardiovascular Outcomes Research With PCSK9 Inhibition in Subjects With Elevated Risk).

Bonaca MP et al,
Circulation. 2018 Jan 23;137(4):338-350. doi: 10.1161/CIRCULATIONAHA.117.032235.
Epub 2017 Nov 13.

Venous Disease

Pharmacomechanical Catheter-Directed Thrombolysis for Deep-Vein Thrombosis.

Vedantham S et al. ATTRACT Trial Investigators. N Engl J
Med 2017 Dec 7;377(23):2240-2252. doi: 10.1056/NEJMoa1615066.

Long term results of compression therapy alone versus compression plus surgery in chronic venous ulceration (ESCHAR): randomised controlled trial.

MS et al. Gohel
BMJ 2007 Jul
14;335(7610):83 doi: 10.1136/bmj.39216.542442.BE.

A randomized trial comparing treatments for varicose veins.

Brittenden J et al, N Engl J Med
2014 Sep 25;371(13):1218-27.

A Randomized Trial of Early Endovenous Ablation in Venous Ulceration.

EVRA Trial Investigators .
N Engl J Med. 2018 May 31;378(22):2105-2114.