



2020 Vascular Surgery: All References

Below you will find the topics and their accompanying references for Vascular Surgery Continuous Certification Assessment. References that are available open source are indicated with a green star ★ and the entire citation is a link to the open access source. References that are not available open access have a link in their PubMed ID to the abstract.

Diplomates are neither required nor expected to read all of these references before or during the completion of the assessment.

Abdominal Aortic Aneurysm

- ★ [Chaikof EL, Dalman RL, Eskandari MK, et al. The Society for Vascular Surgery practice guidelines on the care of patients with an abdominal aortic aneurysm. *J Vasc Surg.* 2018;67\(1\):2-77.e2. \[PMID: 29268916\]](#)
- ★ [Brady AR, Thompson SG, Fowkes FG, Greenhalgh RM, Powell JT. Abdominal aortic aneurysm expansion: risk factors and time intervals for surveillance. *Circulation.* 2004;110\(1\):16-21. \[PMID: 15210603\]](#)
- ★ [MA³RS Study Investigators. Aortic wall inflammation predicts abdominal aortic aneurysm expansion, rupture, and need for surgical repair. *Circulation.* 2017;136\(9\):787-797. \[PMID: 28720724\]](#)
- Sweeting MJ, Thompson SG, Brown LC, Powell JT; RESCAN collaborators. Meta-analysis of individual patient data to examine factors affecting growth and rupture of small abdominal aortic aneurysms. *Br J Surg.* 2012;99(5):655-665. [PMID: 22389113]
- ★ [Powell JT; IMPROVE Trial Investigators, et al. Endovascular or open repair strategy for ruptured abdominal aortic aneurysm: 30 day outcomes from IMPROVE randomised trial. *BMJ.* 2014;348:f7661. \[PMID: 24418950\]](#)

Acute Arterial Mesenteric Ischemia

- ★ [Oderich GS, Macedo R, Stone DH, et al. Multicenter study of retrograde open mesenteric artery stenting through laparotomy for treatment of acute and chronic mesenteric ischemia. *J Vasc Surg.* 2018;68\(2\):470-480.e1. \[PMID: 29548812\]](#)

Aortic Dissection

- ★ [Nienaber CA, Kische S; INSTEAD-XL trial, et al. Endovascular repair of type B aortic dissection: long-term results of the randomized investigation of stent grafts in aortic dissection trial. *Circ Cardiovasc Interv.* 2013;6\(4\):407-416. \[PMID: 23922146\]](#)



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- ★ [Nienaber CA, Rousseau H; INSTEAD Trial, et al. Randomized comparison of strategies for type B aortic dissection: the INvestigation of STEnt Grafts in Aortic Dissection \(INSTEAD\) trial. *Circulation*. 2009;120\(25\):2519-2528.](#)
[PMID: 19996018]
- ★ [Lombardi JV, Hughes GC, Appoo JJ, et al. Society for Vascular Surgery \(SVS\) and Society of Thoracic Surgeons \(STS\) reporting standards for type B aortic dissections. *J Vasc Surg*. 2020;71\(3\):723-747.](#)
[PMID: 32001058]

Aortic Graft Infections

- ★ [Smeds MR, Duncan AA; Vascular Low-Frequency Disease Consortium, et al. Treatment and outcomes of aortic endograft infection. *J Vasc Surg*. 2016;63\(2\):332-340.](#)
[PMID: 26804214]

Carotid Artery Stenosis

- ★ [Naylor AR, Ricco JB, de Borst GJ, et al. Editor's choice - management of atherosclerotic carotid and vertebral artery disease: 2017 clinical practice guidelines of the European Society for Vascular Surgery \(ESVS\). *Eur J Vasc Endovasc Surg*. 2018;55\(1\):3-81.](#)
[PMID: 28851594]
- ★ [Kwolek CJ, Jaff MR, Leal JJ, et al. Results of the ROADSTER multicenter trial of transcrotid stenting with dynamic flow reversal. *J Vasc Surg*. 2015;62\(5\):1227-1234.](#)
[PMID: 26506270]

Carotid Dissection

- ★ [Ricotta JJ, AbuRahma A, Ascher E, Eskandari M, Faries P, Lal BK. Updated Society for Vascular Surgery guidelines for management of extracranial carotid disease. *J Vasc Surg*. 2011;54\(3\):e1-e31.](#)
[PMID: 21889701]

Chronic Arterial Mesenteric Ischemia

- ★ [Alahdab F, Arwani R, Pasha AK, et al. A systematic review and meta-analysis of endovascular versus open surgical revascularization for chronic mesenteric ischemia. *J Vasc Surg*. 2018;67\(5\):1598-1605.](#)
[PMID: 29571626]



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Chronic Venous Insufficiency

- ★ [O'Donnell TF, Passman MA, Marston WA, et al. Management of venous leg ulcers: clinical practice guidelines of the Society for Vascular Surgery and the American Venous Forum. *J Vasc Surg.* 2014;60\(2\)\(suppl 1\):3S-59S.](#)
[PMID: 24974070]
- ★ [Knuttin MG, Naidu S, Oklu R, et al. May-Thurner: diagnosis and endovascular management. *Cardiovasc Diagn Ther.* 2017;7\(suppl 3\):S159-S164.](#)
[PMID: 29399519]

Contrast-Induced Nephropathy

- LaBounty TM, Shah M, Raman SV, Lin FY, Berman DS, Min JK. Within-hospital and 30-day outcomes in 107,994 patients undergoing invasive coronary angiography with different low-osmolar iodinated contrast media. *Am J Cardiol.* 2012;109(11):1594-1599.
[PMID: 22440116]
- ★ [James MT, Samuel SM, Manning MA, et al. Contrast-induced acute kidney injury and risk of adverse clinical outcomes after coronary angiography: a systematic review and meta-analysis. *Circ Cardiovasc Interv.* 2013;6\(1\):37-43.](#)
[PMID: 23322741]
- ★ [Katzberg RW, Newhouse JH. Intravenous contrast medium-induced nephrotoxicity: is the medical risk really as great as we have come to believe? *Radiology.* 2010;256\(1\):21-28.](#)
[PMID: 20574082]

Diabetic Foot

- ★ [Hingorani A, LaMuraglia GM, Henke P, et al. The management of diabetic foot: a clinical practice guideline by the Society for Vascular Surgery in collaboration with the American Podiatric Medical Association and the Society for Vascular Medicine. *J Vasc Surg.* 2016;63\(2\)\(suppl 1\):3s-21s.](#)
[PMID: 26804367]

Endovascular Therapy

- ★ [Katsanos K, Spiliopoulos S, Kitrou P, Krokidis M, Karnabatidis D. Risk of death following application of paclitaxel-coated balloons and stents in the femoropopliteal artery of the leg: a systematic review and meta-analysis of randomized controlled trials. *J Am Heart Assoc.* 2018;7\(24\):e011245.](#)
[PMID: 30561254]



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Fibromuscular Dysplasia

- ★ [Gornik H, Persu A, Adlam D, et al. First International Consensus on the diagnosis and management of fibromuscular dysplasia. *Vasc Med.* 2019;24\(2\):164-189.](#)
[PMID: 30648921]

Hemodialysis Access

- ★ [Lok CE, Huber TS, Lee T; National Kidney Foundation, et al. KDOQI clinical practice guideline for vascular access: 2019 update. *Am J Kidney Dis.* 2020;75\(4\)\(suppl 2\):S1-S164.](#)
[PMID: 32778223]
- ★ [Yeh LM, Chiu SY, Lai PC. The impact of vascular access types on hemodialysis patient long-term survival. *Sci Rep.* 2019;9\(1\):10708.](#)
[PMID: 31341241]
- ★ [Cerneviciute R, Sahebally SM, Ahmed K, Murphy M, Mahmood W, Walsh SR. Regional versus local anaesthesia for haemodialysis arteriovenous fistula formation: a systematic review and meta-analysis. *Eur J Endovasc Surg.* 2017;53\(5\):734-742.](#)
[PMID: 28285956]

Infrarenal Aneurysm

- ★ [Chaikof EL, Dalman RL, Eskandari MK, et al. The Society for Vascular Surgery practice guidelines on the care of patients with an abdominal aortic aneurysm. *J Vasc Surg.* 2018;67:2-77.e2.](#)
[PMID: 29268916]
- ★ [Salata K, Syed M, Hussain MA, et al. Statins reduce abdominal aortic aneurysm growth, rupture, and perioperative mortality: a systematic review and meta-analysis. *J Am Heart Assoc.* 2018;7\(19\):e008657.](#)
[PMID: 30371297]

Intermittent Claudication

- ★ [Society for Vascular Surgery Lower Extremity Guidelines Writing Group, Conte MS, Pomposelli FB, et al. Society for Vascular Surgery practice guidelines for atherosclerotic occlusive disease of the lower extremities: management of asymptomatic disease and claudication. *J Vasc Surg.* 2015;61\(3\)\(suppl 1\):2S-41S.](#)
[PMID: 25638515]

Limb-Threatening Ischemia

- ★ [Conte MS, Bradbury AW, Kolh P; the GVG Writing Group, et al. Global vascular guidelines on the management of chronic limb-threatening ischemia. *J Vasc Surg.* 2019;69\(6S\):3S-125S.e40.](#)
[PMID: 31159978]



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Pediatric Vascular Problems

- ★ [Ananthan K, Onida S, Davies AH. Nutcracker syndrome: an update on current diagnostic criteria and management guidelines. *Eur J Vasc Endovasc Surg.* 2017;53\(6\):886-894. \[PMID: 28356209\]](#)

Peripheral Arterial Disease

- ★ [Conte MS, Pomposelli FB; Society for Vascular Surgery Lower Extremity Guidelines Writing Group, et al. Society for Vascular Surgery practice guidelines for atherosclerotic occlusive disease of the lower extremities: management of asymptomatic disease and claudication. *J Vasc Surg.* 2015;61\(3\)\(suppl 1\):2S-41S. \[PMID: 25638515\]](#)

Peripheral Arterial Disease, Bypass Surgery

- [Bonaca MP, Bauersachs RM, Anand SS, et al. Rivaroxaban in peripheral artery disease after revascularization. *N Engl J Med.* 2020;382\(21\):1994-2004. \[PMID: 32222135\]](#)
- ★ [Hess CN, Norgren L, Ansel GM, et al. A structured review of antithrombotic therapy in peripheral artery disease with a focus on revascularization: a TASC \(InterSociety Consensus for the Management of Peripheral Artery Disease\) initiative. *Circulation.* 2017;135\(25\):2534-2555. \[PMID: 28630267\]](#)

Personal Protective Equipment in a Pandemic

- ★ [Center for Disease Control and Prevention. Interim Infection Prevention and Control Recommendations for Healthcare Personnel During the Coronavirus Disease 2019 \(COVID-19\) Pandemic. July 2020.](#)
- ★ [United States Department of Labor. OSHA Laws & Regulations; 1910 Subpart I-Personal Protective Equipment.](#)

Post-Thrombotic Syndrome

- ★ [Vedantham S, Goldhaber SZ, Julian JA; ATTRACT Trial Investigators, et al. Pharmacomechanical catheter-directed thrombolysis for deep-vein thrombosis. *N Engl J Med.* 2017;377\(23\):2240-2252. \[PMID: 29211671\]](#)
- [Kahn SR, Shapiro S, Wells PS; SOX trial investigators, et al. Compression stockings to prevent post-thrombotic syndrome: a randomised placebo-controlled trial. *Lancet.* 2014;383\(9920\):880-888. \[PMID: 24315521\]](#)



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Priorities in the Use of Critical Care Resources

- ★ [Daugherty Biddison EL, Faden R, Gwon HS, et al. Too many patients...a framework to guide statewide allocation of scarce mechanical ventilation during disasters. *Chest*. 2019;155\(4\):848-854.](#)
[PMID: 30316913]
- ★ [Qualls N, Levitt A, Kanade N, et al. Community mitigation guidelines to prevent pandemic influenza - United States, 2017. *MMWR Recomm Rep*. 2017;66\(1\):1-34.](#)
[PMID: 28426646]

Pulmonary Embolism

- ★ [Guyatt GH, Akl EA, Crowther M, Gutterman DD, Schünemann HJ; American College of Chest Physicians Antithrombotic Therapy and Prevention of Thrombosis Panel. Executive summary: Antithrombotic therapy and prevention of thrombosis, 9th ed: American College of Chest Physicians evidence-based clinical practice guidelines. *Chest*. 2012;141\(2\)\(suppl 1\):7S-47S.](#)
[PMID: 22315257]
- ★ [Mismetti P, Laporte S, Pellerin O, et al. Effect of a retrievable inferior vena cava filter plus anticoagulation vs anticoagulation alone on risk of recurrent pulmonary embolism: a randomized clinical trial. *JAMA*. 2015;313\(16\):1627-1635.](#)
[PMID: 25919526]

Renal Artery Stenosis

- ★ [Modrall JG, Zhu H, Weaver FA. Clinical predictors of blood pressure response after renal artery stenting. *J Vasc Surg*. 2020;S0741-5214\(20\)30150-6.](#)
[PMID: 32139312]

Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA)

- ★ [Petrone P, Pérez-Jiménez A, Rodríguez-Perdomo M, Brathwaite CEM, Joseph DK. Resuscitative endovascular balloon occlusion of the aorta \(REBOA\) in the management of trauma patients: a systematic literature review. *Am Surg*. 2019;85\(6\):654-662.](#)
[PMID: 31267908]
- ★ [Mulder DG, Olinger GN, McConnell DH, Maloney JV Jr, Beckberg GD. Myocardial protection during aortic valve replacement. *Ann Thorac Surg*. 1976;21\(2\):123-130.](#)
[PMID: 1267908]

Thoracic Outlet Syndrome, Neurogenic

- ★ [Illig KA, Donahue D, Duncan A, et al. Reporting standards of the Society for Vascular Surgery for thoracic outlet syndrome. *J Vasc Surg*. 2016;64\(3\):e23-e35.](#)
[PMID: 27565607]



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- ★ [Wilcox MH, Corey GR, Talbot GH, et al. CANVAS 2: the second Phase III, randomized, double-blind study evaluating ceftaroline fosamil for the treatment of patients with complicated skin and skin structure infections. *J Antimicrob Chemother.* 2010;65\(suppl 4\):iv53-iv64.](#)
[PMID: 21115455]

Transfusion Thresholds

- ★ [Chaikof EL, Dalman RL, Eskandari MK, et al. The Society for Vascular Surgery practice guidelines on the care of patients with an abdominal aortic aneurysm. *J Vasc Surg.* 2018;67:2-77.e2.](#)
[PMID: 29268916]
- ★ [Hébert PC, Carson JL. Transfusion threshold of 7 gm per deciliter—the new normal. *N Engl J Med.* 2014;371\(15\):1459-1461.](#)
[PMID: 25270276]

Varicose Veins

- ★ [Brittenden J, Cotton SC, Elders A, et al. A randomized trial comparing treatments for varicose veins. *N Engl J Med.* 2014;371\(13\):1218-1227.](#)
[PMID: 25251616]
- ★ [Gloviczki P, Comerota AJ, Dalsing MC, et al. The care of patients with varicose veins and associated chronic venous diseases: Clinical practice guidelines of the Society for Vascular Surgery and the American Venous Forum. *J Vasc Surg.* 2011;53\(5\)\(suppl 1\):2S-48S.](#)
[PMID: 21536172]

Venous Thrombosis

- ★ [Meissner MH; Society for Vascular Surgery; American Venous Forum, et al. Early thrombus removal strategies for acute deep venous thrombosis: clinical practice guidelines of the Society for Vascular Surgery and the American Venous Forum. *J Vasc Surg.* 2012;55\(5\):1449-1462.](#)
[PMID: 22469503]
- ★ [Kahn SR, Comerota AJ; American Heart Association Council on Peripheral Vascular Disease, Council on Clinical Cardiology, and Council on Cardiovascular and Stroke Nursing. The postthrombotic syndrome: evidence-based prevention, diagnosis, and treatment strategies: a scientific statement from the American Heart Association \[published correction appears in *Circulation.* 2015 Feb 24;131\(8\):e359\]. *Circulation.* 2014;130\(18\):1636-1661.](#)
[PMID: 25246013]



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Venous Ulcer

- ★ [Gohel MS, Heatley F, Liu X, et al. A randomized trial of early endovenous ablation in venous ulceration. *N Engl J Med.* 2018;378\(22\):2105-2114.](#)
[PMID: 29688123]

Vertebral Artery Stenosis

- ★ [Naylor AR, Ricco JB, de Borst GJ, et al. Editor's choice - management of atherosclerotic carotid and vertebral artery disease: 2017 clinical practice guidelines of the European Society for Vascular Surgery \(ESVS\). *Eur J Vasc Endovasc Surg.* 2018;55\(1\):3-81.](#)
[PMID: 28851594]