

2023 Vascular Surgery Continuous Certification Assessment

All References



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Angioaccess

- ★ Chang R, Alabi O, Mahajan A, et al. Arteriovenous fistula aneurysmorrhaphy is associated with improved patency and decreased vascular access abandonment. *J Vasc Surg.* 2023;77(3):891-898.e1. doi:10.1016/j.jvs.2022.10.054 [PMID: [36368647](#)]
- Lee KS, Choong AMTL, Ng JJ. A systematic review of brachial artery ligation as a safe and feasible option in the management of arteriovenous dialysis access infection. *J Vasc Surg.* 2021;74(1):327-333.e2. doi:10.1016/j.jvs.2020.12.106 [PMID: [33548433](#)]
- ★ Lok CE, Huber TS, Lee T, et al. KDOQI clinical practice guideline for vascular access: 2019 update. *Am J Kidney Dis.* 2020;75(4 Suppl 2):S1-S164. <https://doi.org/10.1053/j.ajkd.2019.12.001> [PMID: [32778223](#)]
- Mohamed AS, Peden EK. Dialysis-associated steal syndrome (DASS). *J Vasc Access.* 2017;18(Suppl. 1):68-73. doi:10.5301/jva.5000684 [PMID: [28297063](#)]
- ★ Ryan SV, Calligaro KD, Scharff J, Dougherty MJ. Management of infected prosthetic dialysis arteriovenous grafts. *J Vasc Surg.* 2004;39(1):73-78. doi:10.1016/j.jvs.2003.07.002 [PMID: [14718819](#)]
- ★ Wixon CL, Hughes JD, Mills JL. Understanding strategies for the treatment of ischemic steal syndrome after hemodialysis access. *J Am Coll Surg.* 2000;191(3):301-310. doi:10.1016/s1072-7515(00)00335-5 [PMID: [10989904](#)]

Atherectomy

- Chowdhury M, Secemsky EA. Atherectomy vs other modalities for treatment during peripheral vascular intervention. *Curr Cardiol Rep.* 2022;24(7):869-877. doi:10.1007/s11886-022-01709-1 [PMID: [35536534](#)]
- ★ Kawaji Q, Dun C, Walsh C, et al. Index atherectomy peripheral vascular interventions performed for claudication are associated with more reinterventions than nonatherectomy interventions. *J Vasc Surg.* 2022;76(2):489-498.e4. doi:10.1016/j.jvs.2022.02.034 [PMID: [35276258](#)]

Carotid Artery

- ★ AbuRahma AF, Avgerinos ED, Chang RW, et al. Society for Vascular Surgery clinical practice guidelines for management of extracranial cerebrovascular disease. *J Vasc Surg.* 2022;75(1S):4S-22S. doi:10.1016/j.jvs.2021.04.073 [PMID: [34153348](#)]

- Hasan B, Farah M, Nayfeh T, et al. A systematic review supporting the Society for Vascular Surgery guidelines on the management of carotid artery disease. *J Vasc Surg.* 2022;75(1S):99S-108S.e42. doi:10.1016/j.jvs.2021.06.001 [PMID: [34153350](#)]
- ★ Kashyap VS, King AH, Foteh MI, et al. A multi-institutional analysis of transcarotid artery revascularization compared to carotid endarterectomy. *J Vasc Surg.* 2019;70(1):123-129. doi:10.1016/j.jvs.2018.09.060 [PMID: [30622007](#)]
- Obeid T, Arnaoutakis DJ, Arhuidese I, et al. Poststent ballooning is associated with increased periprocedural stroke and death rate in carotid artery stenting. *J Vasc Surg.* 2015;62(3):616-23.e1. doi:10.1016/j.jvs.2015.03.069 [PMID: [26033011](#)]
- ★ Teng L, Zhang Y, Fang J, Qu C, Li J, Shen C. Impact of residual stenosis on clinical outcomes when performing carotid artery stenting without postdilation. *J Vasc Surg.* 2023;77(1):182-190. doi:10.1016/j.jvs.2022.07.021 [PMID: [35931400](#)]

Chronic Critical Limb Ischemia

- ★ Cheun TJ, Jayakumar L, Sheehan MK, Sideman MJ, Pounds LL, Davies MG. Outcomes of upper extremity interventions for chronic critical ischemia. *J Vasc Surg.* 2019;69(1):120-128.e2. doi:10.1016/j.jvs.2018.04.056 [PMID: [30064834](#)]
- ★ Conte MS, Bradbury AW, Kolh P, et al. Global vascular guidelines on the management of chronic limb-threatening ischemia. *J Vasc Surg.* 2019;69(6S):3S-125S.e40. doi:10.1016/j.jvs.2019.02.016 [PMID: [31159978](#)]
- ★ Farber A, Menard MT, Conte MS, et al. Surgery or endovascular therapy for chronic limb-threatening ischemia. *N Engl J Med.* 2022;387(25):2305-2316. doi:10.1056/NEJMoa2207899 [PMID: [36342173](#)]

Complications of Vascular Surgery

- ★ Bowden S, Firdouse M, Roche-Nagle G. Chylous ascites following elective abdominal aortic aneurysm repair. *J Surg Case Rep.* 2020;2020(12):rjaa512. doi:10.1093/jscr/rjaa512 [PMID: [33408853](#)]
- ★ Hamed O, Muck PE, Smith JM, Krallman K, Griffith NM. Use of vacuum-assisted closure (VAC) therapy in treating lymphatic complications after vascular procedures: new approach for lymphoceles. *J Vasc Surg.* 2008;48(6):1520-1523.e15234. doi:10.1016/j.jvs.2008.07.059 [PMID: [19118737](#)]

- Sidawy A, Perler, B. Chapter 10: Abdominal aortic and iliac aneurysms. *Rutherford's Vascular Surgery and Endovascular Therapy*. 9th ed. Elsevier; 2019:649-650.

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):3S-21S. doi:10.1016/j.jvs.2015.10.003 [PMID: [26804367](#)]

Enhanced Recovery After Surgery

- Docherty J, Morgan-Bates K, Stather P. A systematic review and meta-analysis of enhanced recovery for open abdominal aortic aneurysm surgery. *Vasc Endovascular Surg*. 2022;15385744221098810. doi:10.1177/15385744221098810 [PMID: [35507465](#)]
- ★ Giacomelli E, Dorigo W, Campolmi M, et al. A pilot study of the enhanced recovery after surgery protocol in aortic surgery. *J Vasc Surg*. 2021;74(1):90-96.e2. doi:10.1016/j.jvs.2020.11.042 [PMID: [33340704](#)]

Fibromuscular Dysplasia

- ★ Cadour F, Silhol F, Iline N, et al. Insights from intravascular pressure measurement of renal artery revascularization in patients with fibromuscular dysplasia: the DYSART study. *J Vasc Surg*. 2022;75(3):939-949.e1. doi:10.1016/j.jvs.2021.09.023 [PMID: [34601043](#)]

Goal Setting with Elderly Patients and Families

- ★ Ruske J, Sharma G, Makie K, et al. Patient comprehension necessary for informed consent for vascular procedures is poor and related to frailty. *J Vasc Surg*. 2021;73(4):1422-1428. doi:10.1016/j.jvs.2020.06.131 [PMID: [32835789](#)]

Infections – Graft and Endograft

- ★ Chakfé N, Diener H, Lejay A, et al. Editor's choice - European Society for Vascular Surgery (ESVS) 2020 clinical practice guidelines on the management of vascular graft and endograft infections. *Eur J Vasc Endovasc Surg*. 2020;59(3):339-384. doi:10.1016/j.ejvs.2019.10.016 [PMID: [32035742](#)]

Intramural Hematoma

- ★ Chakos A, Twindyawardhani T, Evangelista A, et al. Endovascular versus medical management of type B intramural hematoma: a meta-analysis. *Ann Cardiothorac Surg*. 2019;8(4):447-455. doi:10.21037/acs.2019.06.11 [PMID: [31463207](#)]

Lymphedema

- Executive Committee of the International Society of Lymphology. The diagnosis and treatment of peripheral lymphedema: 2020 consensus document of the International Society of Lymphology. *Lymphology*. 2020;53(1):3-19. [PMID: [32521126](#)]
- ★ Lurie F, Malgor RD, Carman T, et al. The American Venous Forum, American Vein and Lymphatic Society and the Society for Vascular Medicine expert opinion consensus on lymphedema diagnosis and treatment. *Phlebology*. 2022;37(4):252-266. doi:10.1177/02683555211053532 [PMID: [35258350](#)]

Median Arcuate Ligament Syndrome

- ★ Barbon DA, Hsu R, Noga J, Lazzara B, Miller T, Stainken BF. Clinical response to celiac plexus block confirms the neurogenic etiology of median arcuate ligament syndrome. *J Vasc Interv Radiol*. 2021;32(7):1081-1087. doi:10.1016/j.jvir.2021.04.003 [PMID: [33862195](#)]
- Berge ST, Safi N, Medhus AW, Sundhagen JO, Hisdal J, Kazmi SSH. Perioperative microcirculatory changes detected with gastroscopy assisted laser doppler flowmetry and visible light spectroscopy in patients with median arcuate ligament syndrome. *Vasc Health Risk Manag*. 2020;16:331-341. doi:10.2147/VHRM.S252192 [PMID: [32982262](#)]
- Metz FM, Blauw JTM, Brusse-Keizer M, et al. Systematic review of the efficacy of treatment for median arcuate ligament syndrome. *Eur J Vasc Endovasc Surg*. 2022;64(6):720-732. doi:10.1016/j.ejvs.2022.08.033 [PMID: [36075541](#)]
- Skelly CL, Mak GZ. Median arcuate ligament syndrome - current state of management. *Semin Pediatr Surg*. 2021;30(6):151129. doi:10.1016/j.sempedsurg.2021.151129 [PMID: [34930594](#)]

Necrotizing Soft Tissue Infections

- ★ Al-Qurayshi Z, Nichols RL, Killackey MT, Kandil E. Mortality risk in necrotizing fasciitis: national prevalence, trend, and burden. *Surg Infect (Larchmt)*. 2020;21(10):840-852. doi:10.1089/sur.2019.277 [PMID: [32196411](#)]

Perioperative Management of the Therapeutically Anticoagulated Patient

- ★ Douketis JD, Spyropoulos AC, Kaatz S, et al. Perioperative bridging anticoagulation in patients with atrial fibrillation. *N Engl J Med*. 2015;373(9):823-833. doi:10.1056/NEJMoa1501035 [PMID: [26095867](#)]

Popliteal Artery Aneurysms

- ★ Farber A, Angle N, Avgerinos E, et al. The Society for Vascular Surgery clinical practice guidelines on popliteal artery aneurysms. *J Vasc Surg*. 2022;75(1S):109S-120S. doi:10.1016/j.jvs.2021.04.040 [PMID: [34023430](#)]

Quality Improvement

- ★ Bensley RP, Beck AW. Using the Vascular Quality Initiative to improve quality of care and patient outcomes for vascular surgery patients. *Semin Vasc Surg*. 2015;28(2):97-102. doi:10.1053/j.semvascsurg.2015.09.003 [PMID: [26655053](#)]

Racial and Ethnic Differences in Disease Severity and Outcomes

- ★ Lee MH, Li B, Feridooni T, et al. Racial and ethnic differences in presentation severity and postoperative outcomes in vascular surgery. *J Vasc Surg*. 2023;77(4):1274-1288.e14. doi:10.1016/j.jvs.2022.08.043 [PMID: [36202287](#)]

Risk Reduction

- Grundy SM, Stone NJ, Bailey AL, et al. 2018 AHA/ACC/AACVPR/AAPA/ABC/ACPM/ADA/AGS/APhA/ASPC/NLA/PCNA guideline on the management of blood cholesterol: a report of the American College of Cardiology/American Heart Association task force on clinical practice guidelines. *Circulation*. 2019;139(25):e1082-e1143. doi:10.1161/CIR.0000000000000625 [PMID: [30586774](#)]
- Ku JC, Taslimi S, Zuccato J, et al. Editor's choice - peri-operative outcomes of carotid endarterectomy are not improved on dual antiplatelet therapy vs. aspirin monotherapy: a systematic review and meta-analysis. *Eur J Vasc Endovasc Surg*. 2022;63(4):546-555. doi:10.1016/j.ejvs.2021.12.037 [PMID: [35241374](#)]
- ★ Naylor R, Rantner B, Ancetti S, et al. Editor's choice - European Society for Vascular Surgery (ESVS) 2023 clinical practice guidelines on the management of atherosclerotic

carotid and vertebral artery disease. *Eur J Vasc Endovasc Surg.* 2023;65(1):7-111. doi:10.1016/j.ejvs.2022.04.011 [PMID: [35598721](#)]

Sex Disparities After Fenestrated Branched Endovascular Aortic Aneurysm Repair

- ★ Gan Jin, Chunjiang Liu, Xiaozhou Fei, Miaojun Xu. A systematic review and meta-analysis on sex disparities in the outcomes of fenestrated branched endovascular aortic aneurysm repair. *J Vasc Surg.* 2022. <https://doi.org/10.1016/j.jvs.2022.10.029> [PMID: [37232176](#)]
- Nana P, Spanos K, Behrendt CA, et al. Editor's choice - sex specific outcomes after complex fenestrated and branched endovascular aortic repair: a systematic review and meta-analysis. *Eur J Vasc Endovasc Surg.* 2022;64(2-3):200-208. doi:10.1016/j.ejvs.2022.05.026 [PMID: [35598720](#)]

Superior Mesenteric Artery Dissection

- ★ Cho BS, Lee MS, Lee MK, et al. Treatment guidelines for isolated dissection of the superior mesenteric artery based on follow-up CT findings. *Eur J Vasc Endovasc Surg.* 2011;41(6):780-785. doi:10.1016/j.ejvs.2010.12.022 [PMID: [21333559](#)]

Surgical Site Infection

- ★ Rasheed H, Diab K, Singh T, et al. Contemporary review to reduce groin surgical site infections in vascular surgery. *Ann Vasc Surg.* 2021;72:578-588. doi:10.1016/j.avsg.2020.09.046 [PMID: [33157243](#)]
- ★ Robbins JM, Courtney J, Hingorani A. Systematic review of groin incision surgical site infection preventative measures in vascular surgery. *J Vasc Surg.* 2023;S0741-5214(23)00366-X. doi:10.1016/j.jvs.2023.01.209 [PMID: [36804782](#)]
- Seidelman JL, Mantyh CR, Anderson DJ. Surgical site infection prevention: a review. *JAMA.* 2023;329(3):244-252. doi:10.1001/jama.2022.24075 [PMID: [36648463](#)]

The Value of the Modern Vascular Surgeon

- ★ Powell R, Brown K, Davies M, et al. The value of the modern vascular surgeon to the health care system: a report from the Society for Vascular Surgery Valuation work group. *J Vasc Surg.* 2021;73(2):359-371.e3. doi:10.1016/j.jvs.2020.05.056 [PMID: [32585182](#)]

Thoracic Aortic Aneurysm

- Dake MD, Brinkman WT, Han SM, et al. Outcomes of endovascular repair of aortic aneurysms with the GORE thoracic branch endoprosthesis for left subclavian artery preservation. *J Vasc Surg.* 2022;76(5):1141-1149.e3. doi:10.1016/j.jvs.2022.05.014 [PMID: [35709864](#)]
- ★ Potter HA, Ziegler KR, Weaver FA, Han SM, Magee GA. Transposition of anomalous left vertebral to carotid artery during the management of thoracic aortic dissections and aneurysms. *J Vasc Surg.* 2022;76(6):1486-1492. doi:10.1016/j.jvs.2022.05.027 [PMID: [35810951](#)]
- ★ Upchurch GR Jr, Escobar GA, Azizzadeh A, et al. Society for Vascular Surgery clinical practice guidelines of thoracic endovascular aortic repair for descending thoracic aortic aneurysms. *J Vasc Surg.* 2021;73(1S):55S-83S. doi:10.1016/j.jvs.2020.05.076 [PMID: [32628988](#)]

Thoracic Outlet Syndrome

- ★ Dadashzadeh ER, Ohman JW, Kavali PK, Henderson KM, Goestenkors DM, Thompson RW. Venographic classification and long-term surgical treatment outcomes for axillary-subclavian vein thrombosis due to venous thoracic outlet syndrome (Paget-Schroetter syndrome). *J Vasc Surg.* 2023;77(3):879-889.e3. doi:10.1016/j.jvs.2022.11.053 [PMID: [36442701](#)]
- ★ 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. doi:10.1016/j.jvs.2016.04.039 [PMID: [27565607](#)]

Varicose Veins

- ★ Farah MH, Nayfeh T, Urtecho M, et al. A systematic review supporting the Society for Vascular Surgery, the American Venous Forum, and the American Vein and Lymphatic Society guidelines on the management of varicose veins. *J Vasc Surg Venous Lymphat Disord.* 2022;10(5):1155-1171. doi:10.1016/j.jvsv.2021.08.011 [PMID: [34450355](#)]

Vascular Trauma

- Lee WA, Matsumura JS, Mitchell RS, et al. Endovascular repair of traumatic thoracic aortic injury: clinical practice guidelines of the Society for Vascular Surgery. *J Vasc Surg.* 2011;53(1):187-192. doi:10.1016/j.jvs.2010.08.027 [PMID: [20974523](#)]

- ★ Madigan MC, Lewis AJ, Liang NL, et al. Outcomes of operative and nonoperative management of blunt thoracic aortic injury. *J Vasc Surg*. 2022;76(1):239-247.e1. doi:10.1016/j.jvs.2022.03.012 [PMID: [35314302](#)]
- O'Banion LA, Dirks R, Farooqui E, et al. Popliteal scoring assessment for vascular extremity injuries in trauma study. *J Vasc Surg*. 2021;74(3):804-813.e3. doi:10.1016/j.jvs.2021.02.015 [PMID: [33639233](#)]
- ★ O'Banion LA, Dirks R, Saldana-Ruiz N, et al. Contemporary outcomes of traumatic popliteal artery injury repair from the popliteal scoring assessment for vascular extremity injury in trauma study. *J Vasc Surg*. 2021;74(5):1573-1580.e2. doi:10.1016/j.jvs.2021.04.064 [PMID: [34023429](#)]

Venous Thrombosis

- ★ Drakos P, Ford BC, Labropoulos N. A systematic review on internal jugular vein thrombosis and pulmonary embolism. *J Vasc Surg Venous Lymphat Disord*. 2020;8(4):662-666. doi:10.1016/j.jvsv.2020.03.003 [PMID: [32321692](#)]
- Lee WS, Jean SS, Chen FL, Hsieh SM, Hsueh PR. Lemierre's syndrome: a forgotten and re-emerging infection. *J Microbiol Immunol Infect*. 2020;53(4):513-517. doi:10.1016/j.jmii.2020.03.027 [PMID: [32303484](#)]