



## DAFTAR PUSTAKA

- Abdol Razak, N., Jones, G., Bhandari, M., Berndt, M., Metharom, P., 2018. Cancer-Associated Thrombosis: An Overview of Mechanisms, Risk Factors, and Treatment. *Cancers* 10: 380. doi:10.3390/cancers10100380
- Angelini, D.E., Radivoyevitch, T., McCrae, K.R., Khorana, A.A., 2019. Bleeding incidence and risk factors among cancer patients treated with anticoagulation. *Am J Hematol* ajh.25494. doi:10.1002/ajh.25494
- Ay, C., Pabinger, I., Cohen, A.T., 2017. Cancer-associated venous thromboembolism: Burden, mechanisms, and management. *Thromb Haemost* 117: 219–230. doi:10.1160/TH16-08-0615
- Bækgaard, N., Broholm, R., Just, S., Jørgensen, M., Jensen, L.P., 2010. Long-Term Results using Catheter-directed Thrombolysis in 103 Lower Limbs with Acute Iliofemoral Venous Thrombosis. *European Journal of Vascular and Endovascular Surgery* 39: 112–117. doi:10.1016/j.ejvs.2009.09.015
- Berkowitz, S.D., Granger, C.B., Pieper, K.S., Lee, K.L., Gore, J.M., et al., 1997. Incidence and Predictors of Bleeding After Contemporary Thrombolytic Therapy for Myocardial Infarction. *Circulation* 95: 2508–2516. doi:10.1161/01.CIR.95.11.2508
- Bernardi, E., Camporese, G., 2018. Diagnosis of deep-vein thrombosis. *Thrombosis Research* 163: 201–206. doi:10.1016/j.thromres.2017.10.006
- Bevis, P.M., Smith, F.C.T., 2016. Deep vein thrombosis. *Surgery (Oxford)* 34: 159–164. doi:10.1016/j.mpsur.2016.02.001
- Bjarnason, H., Kruse, J.R., Asinger, D.A., Nazarian, G.K., Dietz, C.A., et al., 1997. Iliofemoral Deep Venous Thrombosis: Safety and Efficacy Outcome during 5 Years of Catheter-directed Thrombolytic Therapy. *Journal of Vascular and Interventional Radiology* 8: 405–418. doi:10.1016/S1051-0443(97)70581-5
- Bundhun, P.K., Janoo, G., Chen, M.-H., 2016. Bleeding events associated with fibrinolytic therapy and primary percutaneous coronary intervention in patients with STEMI: A systematic review and meta-analysis of randomized controlled trials. *Medicine* 95: e3877. doi:10.1097/MD.0000000000003877
- Capstick, T., 2005. Efficacy of thrombolytic agents in the treatment of pulmonary embolism. *European Respiratory Journal* 26: 864–874. doi:10.1183/09031936.05.00002505
- Castillo-Perez, M., Jerjes-Sánchez, C., Rodríguez, D., Paredes-Vazquez, J.G., Panneflek, J., et al., 2021. Clinical outcomes of very elderly patients treated with ultrasound-assisted catheter-directed thrombolysis for pulmonary embolism: a systematic review. *J Thromb Thrombolysis* 52: 260–271. doi:10.1007/s11239-021-02409-3
- Chaparro, C.M., Suchdev, P.S., 2019. Anemia epidemiology, pathophysiology, and etiology in low- and middle-income countries. *Ann. N.Y. Acad. Sci.* nyas.14092. doi:10.1111/nyas.14092
- Chatterjee, S., Chakraborty, A., Weinberg, I., Kadakia, M., Wilensky, R.L., Sardar, P., Kumbhani, D.J., Mukherjee, D., Jaff, M.R., Giri, J., 2014. Thrombolysis



- for Pulmonary Embolism and Risk of All-Cause Mortality, Major Bleeding, and Intracranial Hemorrhage: A Meta-analysis. *JAMA* 311: 2414. doi:10.1001/jama.2014.5990
- Chernysh, I.N., Nagaswami, C., Kosolapova, S., Peshkova, A.D., Cuker, A., et al., 2020. The distinctive structure and composition of arterial and venous thrombi and pulmonary emboli. *Sci Rep* 10: 5112. doi:10.1038/s41598-020-59526-x
- Colling, M.E., Tourdot, B.E., Kanthi, Y., 2021. Inflammation, Infection and Venous Thromboembolism. *Circ Res* 128: 2017–2036. doi:10.1161/CIRCRESAHA.121.318225
- Curtis, G.M., Lam, S.W., Reddy, A.J., Bauer, S.R., 2014. Risk Factors Associated with Bleeding After Alteplase Administration for Pulmonary Embolism: A Case-Control Study. *Pharmacotherapy* 34: 818–825. doi:10.1002/phar.1440
- Dahlan, M.S., 2013. Besar Sampel dan Cara Pengambilan Sampel, Tiga. ed. Salemba Medika, Jakarta.
- Daley, M.J., Murthy, M.S., Peterson, E.J., 2015. Bleeding risk with systemic thrombolytic therapy for pulmonary embolism: scope of the problem. *Therapeutic Advances in Drug Safety* 6: 57–66. doi:10.1177/2042098615572333
- Decousus, H., Tapson, V.F., Bergmann, J.-F., Chong, B.H., Froehlich, J.B., et al., 2011. Factors at Admission Associated With Bleeding Risk in Medical Patients. *Chest* 139: 69–79. doi:10.1378/chest.09-3081
- DeYoung, E., Minocha, J., 2016. Inferior Vena Cava Filters: Guidelines, Best Practice, and Expanding Indications. *Semin intervent Radiol* 33: 065–070. doi:10.1055/s-0036-1581088
- Di Nisio, M., Raskob, G., Büller, H., Grossi, M., Zhang, G., Winters, S., Cohen, A., 2017. Prediction of major and clinically relevant bleeding in patients with VTE treated with edoxaban or vitamin K antagonists. *Thromb Haemost* 117: 784–793. doi:10.1160/TH16-11-0830
- Dronkers, C.E.A., Klok, F.A., Huisman, M.V., 2016. Current and future perspectives in imaging of venous thromboembolism. *Journal of Thrombosis and Haemostasis* 14: 1696–1710. doi:10.1111/jth.13403
- Elsharawy, M., Elzayat, E., 2002. Early Results of Thrombolysis vs Anticoagulation in Iliofemoral Venous Thrombosis. A Randomised Clinical Trial. *European Journal of Vascular and Endovascular Surgery* 24: 209–214. doi:10.1053/ejvs.2002.1665
- Enden, T., Haig, Y., Kløw, N.-E., Slagsvold, C.-E., Sandvik, L., et al., 2012. Long-term outcome after additional catheter-directed thrombolysis versus standard treatment for acute iliofemoral deep vein thrombosis (the CaVenT study): a randomised controlled trial. *The Lancet* 379: 31–38. doi:10.1016/S0140-6736(11)61753-4
- Engelberger, R.P., Spirk, D., Willenberg, T., Alatri, A., Do, D.-D., et al., 2015. Ultrasound-Assisted Versus Conventional Catheter-Directed Thrombolysis for Acute Iliofemoral Deep Vein Thrombosis. *Circ Cardiovascular*



- Interventions* 8: e002027.  
doi:10.1161/CIRCINTERVENTIONS.114.002027
- Esteve-Pastor, M.A., Rivera-Caravaca, J.M., Lip, G.Y., 2017. Hypertension and Atrial Fibrillation: Balancing Stroke and Bleeding Risks. *American Journal of Hypertension* 30: 1063–1065. doi:10.1093/ajh/hpx135
- Favresse, J., Lippi, G., Roy, P.-M., Chatelain, B., Jacqmin, H., et al., 2018. D-dimer: Preanalytical, analytical, postanalytical variables, and clinical applications. *Critical Reviews in Clinical Laboratory Sciences* 55: 548–577. doi:10.1080/10408363.2018.1529734
- Fleck, D., Albadawi, H., Shamoun, F., Knuttilen, G., Naidu, S., Oklu, R., 2017. Catheter-directed thrombolysis of deep vein thrombosis: literature review and practice considerations. *Cardiovasc. Diagn. Ther.* 7: S228–S237. doi:10.21037/cdt.2017.09.15
- Fukuda, K., Okazaki, S., Shiozaki, M., Okai, I., Nishino, A., et al., 2021. Ultrasound-guided puncture reduces bleeding-associated complications, regardless of calcified plaque, after endovascular treatment of femoropopliteal lesions, especially using the antegrade procedure: A single-center study. *PLoS ONE* 16: e0248416. doi:10.1371/journal.pone.0248416
- Goldhaber, S.Z., Magnuson, E.A., Chinnakonddepalli, K.M., Cohen, D.J., Vedantham, S., 2021. Catheter-directed thrombolysis for deep vein thrombosis: 2021 update. *Vasc Med* 26: 662–669. doi:10.1177/1358863X211042930
- Grover, S.P., Mackman, N., 2019. Intrinsic Pathway of Coagulation and Thrombosis: Insights From Animal Models. *ATVB* 39: 331–338. doi:10.1161/ATVBAHA.118.312130
- Haire, W.D., 1992. Pharmacology of Fibrinolysis. *Chest* 101: 91S-97S. doi:10.1378/chest.101.4\_Supplement.91S
- Heit, J.A., Spencer, F.A., White, R.H., 2016. The epidemiology of venous thromboembolism. *J Thromb Thrombolysis* 41: 3–14. doi:10.1007/s11239-015-1311-6
- Hong, J., Lee, J.H., Yhim, H.-Y., Choi, W.-I., Bang, S.-M., Lee, H., Oh, D., 2018. Incidence of venous thromboembolism in Korea from 2009 to 2013. *PLoS ONE* 13: e0191897. doi:10.1371/journal.pone.0191897
- Hostler, D.C., Marx, E.S., Moores, L.K., Petteys, S.K., Hostler, J.M., et al., 2016. Validation of the International Medical Prevention Registry on Venous Thromboembolism Bleeding Risk Score. *Chest* 149: 372–379. doi:10.1378/chest.14-2842
- Inker, L.A., Eneanya, N.D., Coresh, J., Tighiouart, H., Wang, D., et al., 2021. New Creatinine- and Cystatin C-Based Equations to Estimate GFR without Race. *N Engl J Med* 385: 1737–1749. doi:10.1056/NEJMoa2102953
- Jenkins, J.S., 2011. Endovascular Therapies to Treat Iliofemoral Deep Venous Thrombosis. *Progress in Cardiovascular Diseases* 54: 70–76. doi:10.1016/j.pcad.2011.03.008
- Jerjes-Sanchez, C., 2005. Venous and arterial thrombosis: a continuous spectrum of the same disease? *European Heart Journal* 26: 3–4. doi:10.1093/eurheartj/ehi041



- Jun, M., James, M.T., Manns, B.J., Quinn, R.R., Ravani, P., *et al.*, for the Alberta Kidney Disease Network, 2015. The association between kidney function and major bleeding in older adults with atrial fibrillation starting warfarin treatment: population based observational study. *BMJ* 350: h246–h246. doi:10.1136/bmj.h246
- Kaatz, S., Ahmad, D., Spyropoulos, A.C., Schulman, S., 2015. Definition of clinically relevant non-major bleeding in studies of anticoagulants in atrial fibrillation and venous thromboembolic disease in non-surgical patients: communication from the SSC of the ISTH. *Journal of Thrombosis and Haemostasis* 13: 2119–2126. doi:10.1111/jth.13140
- Kahn, S.R., 2016. The post-thrombotic syndrome. *Hematology* 16:413-18
- Kakkos, S.K., Gohel, M., Baekgaard, N., Bauersachs, R., Bellmunt-Montoya, S., *et al.*, ESVS Guidelines Committee, de Borst, G.J., Bastos Gonçalves, F., Chakfè, N., Hinchliffe, R., Kolh, P., Koncar, I., Lindholt, J.S., Tulamo, R., Twine, C.P., Vermassen, F., Wanhaiinen, A., Document reviewers, De Maeseneer, M.G., Comerota, A.J., Gloviczki, P., Kruip, M.J.H.A., Montreal, M., Prandoni, P., Vega de Ceniga, M., 2021. Editor's Choice – European Society for Vascular Surgery (ESVS) 2021 Clinical Practice Guidelines on the Management of Venous Thrombosis. *European Journal of Vascular and Endovascular Surgery* 61: 9–82. doi:10.1016/j.ejvs.2020.09.023
- Kearon, C., Ageno, W., Cannegieter, S.C., Cosmi, B., Geersing, G. -J., Kyrle, P.A., 2016. Categorization of patients as having provoked or unprovoked venous thromboembolism: guidance from the SSC of ISTH. *Journal of Thrombosis and Haemostasis* 14: 1480–1483. doi:10.1111/jth.13336
- Kearon, C., Akl, E.A., Ornelas, J., Blaivas, A., Jimenez, D., *et al.*, 2016. Antithrombotic Therapy for VTE Disease. *Chest* 149: 315–352. doi:10.1016/j.chest.2015.11.026
- Kearon, C., Gu, C.-S., Julian, J., Goldhaber, S., Comerota, A., Gornik, H., *et al.*, 2019. Pharmacomechanical Catheter-Directed Thrombolysis in Acute Femoral–Popliteal Deep Vein Thrombosis: Analysis from a Stratified Randomized Trial. *Thromb Haemost* 119: 633–644. doi:10.1055/s-0039-1677795
- Kearon, C., Kahn, S.R., Agnelli, G., Goldhaber, S., Raskob, G.E., Comerota, A.J., 2008. Antithrombotic Therapy for Venous Thromboembolic Disease. *Chest* 133: 454S-545S. doi:10.1378/chest.08-0658
- Klok, F.A., Hösel, V., Clemens, A., Yollo, W.D., Tilke, C., *et al.*, 2016. Prediction of bleeding events in patients with venous thromboembolism on stable anticoagulation treatment. *Eur Respir J* 48: 1369–1376. doi:10.1183/13993003.00280-2016
- Kohi, M.P., Kohlbrenner, R., Kolli, K.P., Lehrman, E., Taylor, A.G., Fidelman, N., 2016. Catheter directed interventions for acute deep vein thrombosis. *Cardiovasc. Diagn. Ther.* 6: 599–611. doi:10.21037/cdt.2016.11.20
- Koupenova, M., Kehrel, B.E., Corkrey, H.A., Freedman, J.E., 2016. Thrombosis and platelets: an update. *Eur Heart J* ehw550. doi:10.1093/euroheartj/ehw550



- Kucher, N., Boekstegers, P., Müller, O.J., Kupatt, C., Beyer-Westendorf, J., *et al.*, 2014. Randomized, Controlled Trial of Ultrasound-Assisted Catheter-Directed Thrombolysis for Acute Intermediate-Risk Pulmonary Embolism. *Circulation* 129: 479–486. doi:10.1161/CIRCULATIONAHA.113.005544
- Kuijer, P.M.M., Hutten, B.A., Prins, M.H., Büller, H.R., 1999. Prediction of the Risk of Bleeding During Anticoagulant Treatment for Venous Thromboembolism. *Arch Intern Med* 159: 457. doi:10.1001/archinte.159.5.457
- Lakhter, V., Zack, C.J., Brailovsky, Y., Azizi, A.H., Weinberg, I., *et al.*, 2021. Predictors of intracranial hemorrhage in patients treated with catheter-directed thrombolysis for deep vein thrombosis. *Journal of Vascular Surgery: Venous and Lymphatic Disorders* 9: 627-634.e2. doi:10.1016/j.jvsv.2020.08.029
- Lange, N., Méan, M., Stalder, O., Limacher, A., Tritschler, T., Rodondi, N., Aujesky, D., 2019. Anticoagulation quality and clinical outcomes in multimorbid elderly patients with acute venous thromboembolism. *Thrombosis Research* 177: 10–16. doi:10.1016/j.thromres.2019.02.017
- Lee, L., Gallus, A., Jindal, R., Wang, C., Wu, C.-C., 2017. Incidence of Venous Thromboembolism in Asian Populations: A Systematic Review. *Thromb Haemost* 117: 2243–2260. doi:10.1160/TH17-02-0134
- Levey, A.S., Stevens, L.A., Schmid, C.H., Zhang, Y. (Lucy), Castro, A.F., *et al.*, for the CKD-EPI (Chronic Kidney Disease Epidemiology Collaboration), 2009. A New Equation to Estimate Glomerular Filtration Rate. *Ann Intern Med* 150: 604. doi:10.7326/0003-4819-150-9-200905050-00006
- Lijfering, W.M., Timp, J.F., Cannegieter, S.C., 2019. Predicting the risk of recurrent venous thrombosis: What the future might bring. *Journal of Thrombosis and Haemostasis* 17: 1522–1526. doi:10.1111/jth.14534
- Lin, H., Xu, L., Yu, S., Hong, W., Huang, M., Xu, P., 2020. Therapeutics targeting the fibrinolytic system. *Exp Mol Med* 52: 367–379. doi:10.1038/s12276-020-0397-x
- Lin, P.H., Zhou, W., Dardik, A., Mussa, F., Koulias, P., *et al.*, 2006. Catheter-direct thrombolysis versus pharmacomechanical thrombectomy for treatment of symptomatic lower extremity deep venous thrombosis. *The American Journal of Surgery* 192: 782–788. doi:10.1016/j.amjsurg.2006.08.045
- Livingstone, M., 2002. Mechanisms of abnormal uterine bleeding. *Human Reproduction Update* 8: 60–67. doi:10.1093/humupd/8.1.60
- Lutz, J., Menke, J., Sollinger, D., Schinzel, H., Thürmel, K., 2014. Haemostasis in chronic kidney disease. *Nephrology Dialysis Transplantation* 29: 29–40. doi:10.1093/ndt/gft209
- Maccio, A., Madeddu, C., Gramignano, G., Mulas, C., Tanca, L., *et al.*, 2015. The role of inflammation, iron, and nutritional status in cancer-related anemia: results of a large, prospective, observational study. *Haematologica* 100: 124–132. doi:10.3324/haematol.2014.112813
- Mackman, N., Tilley, R.E., Key, N.S., 2007. Role of the Extrinsic Pathway of Blood Coagulation in Hemostasis and Thrombosis. *ATVB* 27: 1687–1693. doi:10.1161/ATVBAHA.107.141911



- Madeddu, C., Gramignano, G., Astara, G., Demontis, R., Sanna, E., *et al.*, 2018. Pathogenesis and Treatment Options of Cancer Related Anemia: Perspective for a Targeted Mechanism-Based Approach. *Front. Physiol.* 9: 1294. doi:10.3389/fphys.2018.01294
- Martí, D., Carballeira, D., Morales, M.J., Concepción, R., del Castillo, H., *et al.*, 2020. Impact of Anemia on the Risk of Bleeding Following Percutaneous Coronary Interventions in Patients  $\geq 75$  Years of Age. *The American Journal of Cardiology* 125: 1142–1147. doi:10.1016/j.amjcard.2020.01.010
- Matsumoto, T., Wada, H., Fujimoto, N., Toyoda, J., Abe, Y., *et al.*, 2018. An Evaluation of the Activated Partial Thromboplastin Time Waveform. *Clin Appl Thromb Hemost* 24: 764–770. doi:10.1177/1076029617724230
- Mazzolai, L., Aboyans, V., Ageno, W., Agnelli, G., Alatri, A., *et al.*, 2018. Diagnosis and management of acute deep vein thrombosis: a joint consensus document from the European Society of Cardiology working groups of aorta and peripheral vascular diseases and pulmonary circulation and right ventricular function. *European Heart Journal* 39: 4208–4218. doi:10.1093/eurheartj/exh003
- Mazzolai, L., Ageno, W., Alatri, A., Bauersachs, R., Becattini, C., *et al.*, 2022. Second consensus document on diagnosis and management of acute deep vein thrombosis: updated document elaborated by the ESC Working Group on aorta and peripheral vascular diseases and the ESC Working Group on pulmonary circulation and right ventricular function. *European Journal of Preventive Cardiology* 29: 1248–1263. doi:10.1093/eurjpc/zwab088
- McLean, E., Cogswell, M., Egli, I., Wojdyla, D., De Benoit, B., 2009. Worldwide prevalence of anaemia, WHO Vitamin and Mineral Nutrition Information System, 1993–2005. *PHN* 12: 444. doi:10.1017/S1368980008002401
- Mewissen, M.W., Seabrook, G.R., Meissner, M.H., Cynamon, J., Labropoulos, N., Haughton, S.H., 1999. Catheter-directed Thrombolysis for Lower Extremity Deep Venous Thrombosis: Report of a National Multicenter Registry. *Radiology* 211: 39–49. doi:10.1148/radiology.211.1.r99ap4739
- Molnar, A.O., Bota, S.E., Garg, A.X., Harel, Z., Lam, N., McArthur, E., *et al.*, 2016. The Risk of Major Hemorrhage with CKD. *JASN* 27: 2825–2832. doi:10.1681/ASN.2015050535
- Notten, P., ten Cate-Hoek, A.J., Arnoldussen, C.W.K.P., Strijkers, R.H.W., de Smet, A.A.E.A., *et al.*, 2020. Ultrasound-accelerated catheter-directed thrombolysis versus anticoagulation for the prevention of post-thrombotic syndrome (CAVA): a single-blind, multicentre, randomised trial. *The Lancet Haematology* 7: e40–e49. doi:10.1016/S2352-3026(19)30209-1
- Ocak, G., Rookmaaker, M.B., Algra, A., de Borst, G.J., Doevedans, P.A., *et al.*, 2018. Chronic kidney disease and bleeding risk in patients at high cardiovascular risk: a cohort study. *Journal of Thrombosis and Haemostasis* 16: 65–73. doi:10.1111/jth.13904
- Ockert, S., Von Allmen, M., Heidemann, M., Brusa, J., Duwe, J., Seelos, R., 2018. Acute Venous Iliofemoral Thrombosis: Early Surgical Thrombectomy Is Effective and Durable. *Annals of Vascular Surgery* 46: 314–321. doi:10.1016/j.avsg.2017.07.003



- Olaf, M., Cooney, R., 2017. Deep Venous Thrombosis. *Emergency Medicine Clinics of North America* 35: 743–770. doi:10.1016/j.emc.2017.06.003
- Palareti, G., Bignamini, A.A., Cini, M., Li, Y.-J., Urbanek, T., et al., 2021. Anticoagulation Duration After First Venous Thromboembolism: Real-Life Data From the International, Observational WHITE Study. *Clin Appl Thromb Hemost* 27: 107602962110494. doi:10.1177/10760296211049402
- Palta, S., Saroa, R., Palta, A., 2014. Overview of the coagulation system. *Indian J Anaesth* 58: 515. doi:10.4103/0019-5049.144643
- Patterson, B.O., Hinchliffe, R., Loftus, I.M., Thompson, M.M., Holt, P.J.E., 2010. Indications for Catheter-Directed Thrombolysis in the Management of Acute Proximal Deep Venous Thrombosis. *ATVB* 30: 669–674. doi:10.1161/ATVBAHA.109.200766
- Perel, A., 2017. Iatrogenic hemodilution: a possible cause for avoidable blood transfusions? *Crit Care* 21: 291, s13054-017-1872-1. doi:10.1186/s13054-017-1872-1
- Pisters, R., Lane, D.A., Nieuwlaat, R., De Vos, C.B., Crijns, H.J.G.M., Lip, G.Y.H., 2010. A Novel User-Friendly Score (HAS-BLED) To Assess 1-Year Risk of Major Bleeding in Patients With Atrial Fibrillation. *Chest* 138: 1093–1100. doi:10.1378/chest.10-0134
- Prandoni, P., 2009. Venous and arterial thrombosis: Two aspects of the same disease? *CLEP* 1. doi:10.2147/CLEP.S4780
- Protack, C.D., Bakken, A.M., Patel, N., Saad, W.E., Waldman, D.L., Davies, M.G., 2007. Long-term outcomes of catheter directed thrombolysis for lower extremity deep venous thrombosis without prophylactic inferior vena cava filter placement. *Journal of Vascular Surgery* 45: 992–997. doi:10.1016/j.jvs.2007.01.012
- Rao, A.S., Konig, G., Leers, S.A., Cho, J., Rhee, R.Y., et al., 2009. Pharmacomechanical thrombectomy for iliofemoral deep vein thrombosis: An alternative in patients with contraindications to thrombolysis. *Journal of Vascular Surgery* 50: 1092–1098. doi:10.1016/j.jvs.2009.06.050
- Ruiz-Giménez, N., Suárez, C., González, R., Nieto, J., Todolí, J., et al., and the RIETE Investigators, 2008. Predictive variables for major bleeding events in patients presenting with documented acute venous thromboembolism. Findings from the RIETE Registry. *Thromb Haemost* 100: 26–31. doi:10.1160/TH08-03-0193
- Scherz, N., Méan, M., Limacher, A., Righini, M., Jaeger, K., et al., 2013. Prospective, multicenter validation of prediction scores for major bleeding in elderly patients with venous thromboembolism. *Journal of Thrombosis and Haemostasis* 11: 435–443. doi:10.1111/jth.12111
- Schulman, S., Kakkar, A.K., Goldhaber, S.Z., Schellong, S., Eriksson, H., et al., Kearon, C., 2014. Treatment of Acute Venous Thromboembolism With Dabigatran or Warfarin and Pooled Analysis. *Circulation* 129: 764–772. doi:10.1161/CIRCULATIONAHA.113.004450
- Schulman, S., Kearon, C., Kakkar, A.K., Mismetti, P., Schellong, S., et al., 2009. Dabigatran versus Warfarin in the Treatment of Acute Venous



- Thromboembolism. *N Engl J Med* 361: 2342–2352.  
doi:10.1056/NEJMoa0906598
- Sevitt, S., 1974. The structure and growth of valve-pocket thrombi in femoral veins. *Journal of Clinical Pathology* 27: 517–528. doi:10.1136/jcp.27.7.517
- Shaper, A.G., Kyobe, J., Mwanje, D.K., 1967. Fibrinolytic Activity and Clot Strength in Anemia. *Am J Clin Pathol* 47: 344–346. doi:10.1093/ajcp/47.3.344
- Sharifi, M., Bay, C., Mehdipour, M., Sharifi, J., for the TORPEDO Investigators, 2012. Thrombus Obliteration by Rapid Percutaneous Endovenous Intervention in Deep Venous Occlusion (TORPEDO) Trial. *Journal of Endovascular Therapy* 19: 273–280. doi:10.1583/11-3674MR.1
- Stone, J., Hangge, P., Albadawi, H., Wallace, A., Shamoun, F., et al., 2017. Deep vein thrombosis: pathogenesis, diagnosis, and medical management. *Cardiovasc. Diagn. Ther.* 7: S276–S284. doi:10.21037/cdt.2017.09.01
- Unger, T., Borghi, C., Charchar, F., Khan, N.A., Poulter, N.R., et al., 2020. 2020 International Society of Hypertension Global Hypertension Practice Guidelines. *Hypertension* 75: 1334–1357. doi:10.1161/HYPERTENSIONAHA.120.15026
- Urban, P., Mehran, R., Colleran, R., Angiolillo, D.J., Byrne, R.A., et al., 2019. Defining high bleeding risk in patients undergoing percutaneous coronary intervention: a consensus document from the Academic Research Consortium for High Bleeding Risk. *European Heart Journal* 40: 2632–2653. doi:10.1093/eurheartj/ehz372
- van Es, N., Coppens, M., Schulman, S., Middeldorp, S., Büller, H.R., 2014. Direct oral anticoagulants compared with vitamin K antagonists for acute venous thromboembolism: evidence from phase 3 trials. *Blood* 124: 1968–1975. doi:10.1182/blood-2014-04-571232
- van Es, N., Wells, P.S., Carrier, M., 2017. Bleeding risk in patients with unprovoked venous thromboembolism: A critical appraisal of clinical prediction scores. *Thrombosis Research* 152: 52–60. doi:10.1016/j.thromres.2017.02.016
- Vedantham, S., Goldhaber, S.Z., Julian, J.A., Kahn, S.R., Jaff, M.R., et al., 2017. Pharmacomechanical Catheter-Directed Thrombolysis for Deep-Vein Thrombosis. *N Engl J Med* 377: 2240–2252. doi:10.1056/NEJMoa1615066
- Watson, L., Broderick, C., Armon, M.P., 2016. Thrombolysis for acute deep vein thrombosis. *Cochrane Database of Systematic Reviews*. doi:10.1002/14651858.CD002783.pub4