

## REFERENCES

- American Association of Blood Banks: *Standards for Blood Banks and Transfusion*, 31st ed. Bethesda, MD: American Association of Blood Banks.
- Ravi P, Puri B: Fluid resuscitation in haemorrhagic shock in combat casualties. *Disaster Mil Med* 3: 2, 2017. [PMID: 28265454]
- Murphy MF, Stanworth SJ, Yazer M: Transfusion practice and safety: current status and possibilities for improvement. *Vox Sanguinis* 100: 46, 2011. [PMID: 21175655]
- Yazer MH, Cap AP, Spinella PC, Alarcon L, Triulzi DJ: How do I implement a whole blood program for massively bleeding patients? *Transfusion* 58: 622, 2018. [PMID: 29332316]
- Bahr MP, Yazer MH, Triulzi DJ, Collins RA: Whole blood for the acutely haemorrhaging civilian trauma patient: a novel idea or rediscovery? *Transfus Med* 26: 406, 2016. [PMID: 27357229]
- Yazer MH, Cap AP, Spinella PC: Raising the standards on whole blood. *J Trauma Acute Care Surg* 84(suppl 1): S14, 2018. [PMID: 29283965]
- Cap AP, Beckett A, Benov A, et al: Whole blood transfusion (Clinical Practice Guideline). *Mil Med* 183: 44, 2018. [PMID: 30189061]
- <http://www.aabb.org/tm/coi/Documents/coi1017.pdf>. (Circular of Information for the use of Human Blood and Blood Components, prepared jointly by American Association of Blood Banks, American Red Cross, America's Blood Centers, and the Armed Services Blood Program, October 2017.) Accessed October 30, 2018.
- Carson J, Guyatt G, Heddle NM, et al: Clinical practice guidelines from the AABB: red cell transfusion thresholds and storage. *JAMA* 316: 2025, 2016. [PMID: 27732721]
- Carson JL, Triulzi DJ, Ness PM: Indications for and adverse effects of red-cell transfusion. *N Engl J Med* 377: 1261, 2017. [PMID: 28953438]
- Lacroix J, Demaret P, Tucci M: Red blood cell transfusion: decision making in pediatric intensive care units. *Semin Perinatol* 36: 225, 2012. [PMID: 22818542]
- Hsu YS, Haas T, Cushing MM: Massive transfusion protocols: current best practice. *Int J Clin Transfusion Med* 4: 15, 2016.
- McQuilten ZK, Crighton G, Brunskill S, et al: Optimal dose, timing and ratio of blood products in massive transfusion: results from a systematic review. *Transfus Med Rev* 32: 6, 2018. [PMID: 28803752]
- Thiele T, Heddle N, Greinacher A: Donor exposures in recipients of pooled platelet concentrates. *N Engl J Med* 368: 487, 2013. [PMID: 23363522]
- Kaufman RM, Djulbegovic B, Gernsheimer T, et al: Platelet transfusion: a clinical practice guideline from the AABB. *Ann Intern Med* 162: 205, 2015. [PMID: 25383671]
- Escourt LJ, Birchall J, Allard S, et al: Guidelines for the use of platelet transfusions. *Br J Haematol* 176: 365, 2017. [PMID: 28009056]
- Kumar A, Mhaskar R, Grossman BJ, et al: Platelet transfusion: a systematic review of the clinical evidence. *Transfusion* 55: 1116, 2015. [PMID: 25387589]
- Baharoglu MI, Cordonnier C, Al-Shahi Salman R, et al: Platelet transfusion versus standard care after acute stroke due to spontaneous cerebral haemorrhage associated with antiplatelet therapy (PATCH): a randomised, open-label, phase 3 trial. *Lancet* 387: 2605, 2016. [PMID: 27178479]
- Benjamin RJ, Swinton McLaughlin L: Plasma components: properties, differences, and uses. *Transfusion* 52: 9S, 2012. [PMID: 22578375]
- Stevens WT, Morse BC, Bernard A, et al: Incompatible type A plasma transfusion in patients requiring massive transfusion protocol: outcomes of an Eastern Association for the Surgery of Trauma multicenter study. *J Trauma Acute Care Surg* 83: 25, 2017. [PMID: 28452877]
- Puetz J: Fresh frozen plasma: the most commonly prescribed hemostatic agent. *J Thromb Haemost* 11: 1794, 2013. [PMID: 23848285]
- Gower RG, Lumry WR, Davis-Lorton MA, Johnston DT, Busse PJ: Current options for prophylactic treatment of hereditary angioedema in the United States: patient-based considerations. *Allergy Asthma Proc* 33: 235, 2012. [PMID: 22584192]
- Coppo P, Veyradier A: Current management and therapeutic perspectives in thrombotic thrombocytopenic purpura. *Presse Med* 41: e163, 2012. [PMID: 22265954]
- Burnett A, Siegal D: Specific antidotes for bleeding associated with direct oral anticoagulants. *BMJ* 357: j2216, 2017. [PMID: 28546438]
- van de Weert E, Biemond BJ, Baake B, et al: Central venous catheter placement in coagulopathic patients: risk factors and incidence of bleeding complications. *Transfusion* 57: 2512, 2017. [PMID: 28856685]
- Bryan AW, Staley EM, Kennell T, et al: Plasma transfusion demystified: a review of the key factors influencing the response to plasma transfusion. *Lab Med* 48: 108, 2017. [PMID: 28444398]
- Nascimento B, Goodnough LT, Levy JH: Cryoprecipitate therapy. *Br J Anaesth* 113: 922, 2014. [PMID: 24972790]
- Wong H, Curry N: Do we need cryoprecipitate in the era of fibrinogen concentrate and other specific factor replacement options? *ISBT Sci Series* 13: 23, 2017.
- Yang L, Stanworth S, Baglin T: Cryoprecipitate: an outmoded treatment? *Transfus Med* 22: 315, 2012. [PMID: 22994448]
- Franchini M, Lippi G: Fibrinogen replacement therapy: a critical review of the literature. *Blood Transfus* 10: 23, 2012. [PMID: 22153684]
- Lunde J, Stensballe J, Wikkelsø A, Johansen M, Afshari A: Fibrinogen concentrate for bleeding—a systematic review. *Acta Anaesthesiol Scand* 58: 1061, 2014. [PMID: 25059813]
- Levy JH, Welsby I, Goodnough LT: Fibrinogen as a therapeutic target for bleeding: a review of critical levels and replacement therapy. *Transfusion* 54: 1389, 2014. [PMID: 24117955]
- Breklemans MPA, Ginkel KV, Daams JG, Hutten BA, Middeldorp S, Coppens M: Benefits and harms of 4-factor prothrombin complex concentrate for reversal of vitamin K antagonist associated bleeding: a systematic review and meta-analysis. *J Thromb Thrombolysis* 44: 118, 2017. [PMID: 28540468]
- da Luz LT, Marchand M, Nascimento B, Tien H, Nathens A, Shah P: Efficacy and safety of the drugs used to reverse direct oral anticoagulants: a systematic review and meta-analysis. *Transfusion* 57: 1834, 2017. [PMID: 28337750]
- Shaw JR, Siegal DM: Pharmacological reversal of the direct oral anticoagulants: a comprehensive review of the literature. *Res Pract Thromb Haemost* 2: 251, 2018. [PMID: 30046727]
- Zanon E, Pasca S, Santoro C, et al: Activated prothrombin complex concentrate (FEIBA®) in acquired haemophilia A: a large multicentre Italian study—the FAIR Registry. *Br J Haematol* 2018 March 12. [Epub ahead of print] [PMID: 29528100]
- Rota M, Cortesi PA, Crea R, Gringeri A, Mantovani LG: Thromboembolic event rate in patients exposed to anti-inhibitor coagulant complex: a meta-analysis of 40-year published data. *Blood Adv* 1: 2637, 2017. [PMID: 29296916]
- Simpson E, Lin Y, Stanworth S, Birchall J, Doree C, Hyde C: Recombinant factor VIIa for the prevention and treatment of bleeding in patients without haemophilia. *Cochrane Database Syst Rev* 3: CD005011, 2012. [PMID: 22419303]
- Lin Y, Moltzan CJ, Anderson DR: The evidence for the use of recombinant factor VIIa in massive bleeding: revision of the transfusion policy framework. *Transfus Med* 22: 383, 2012. [PMID: 22630348]
- Tiede A, Worster A: Lessons from a systematic literature review of the effectiveness of recombinant factor VIIa in acquired haemophilia. *Ann Hematol* 97: 1889, 2018. [PMID: 29804265]
- Refaai MA, Blumberg N: The transfusion dilemma—weighing the known and newly proposed risks of blood transfusions against the uncertain benefits. *Best Pract Res Clin Anaesthesiol* 27: 17, 2013. [PMID: 23590913]
- Bolton-Maggs PH, Cohen H: Serious Hazards of Transfusion (SHOT) haemovigilance and progress is improving transfusion safety. *Br J Haematol* 163: 303, 2013. [PMID: 24032719]
- Fry JL, Arnold DM, Clase CM, et al: Transfusion premedication to prevent acute transfusion reactions: a retrospective observational study to assess current practices. *Transfusion* 50: 1722, 2010. [PMID: 20345566]
- Tobian AA, King KE, Ness PM: Prevention of febrile nonhemolytic and allergic transfusion reactions with pretransfusion medication: is this evidence-based medicine? *Transfusion* 48: 2274, 2008. [PMID: 19054374]
- Martí-Carvajal AJ, Solà I, González LE, Leon de Gonzalez G, Rodríguez-Malagon N: Pharmacological interventions for the prevention of allergic and febrile non-haemolytic transfusion reactions. *Cochrane Database Syst Rev* 6: CD007539, 2010. [PMID: 20556779]
- Osterman JL, Arora S: Blood product transfusions and reactions. *Emerg Med Clin North Am* 32: 727, 2014. [PMID: 25060259]
- Murphy MF, Waters JH, Wood EM, Yazer MH: Transfusing blood safely and appropriately. *BMJ* 347: f4303, 2013. [Erratum in: *BMJ* 347: f4799, 2013.] [PMID: 23861410]
- Saadah NH, van Hout FMA, Schipperus MR, et al: Comparing transfusion reaction rates for various plasma types: a systematic review and meta-analysis/regression. *Transfusion* 57: 2104, 2017. [PMID: 28766723]
- Hirayama F: Current understanding of allergic transfusion reactions: incidence, pathogenesis, laboratory tests, prevention, and treatment. *Br J Haematol* 160: 434, 2013. [PMID: 23215650]
- Wright-Kanuth MS, Smith LA: Transfusion-transmitted viruses. *Clin Lab Sci* 16: 221, 2003. [PMID: 14626440]
- Lindholm PF, Annen K, Ramsey G: Approaches to minimize infection risk in blood banking and transfusion practice. *Infect Disord Drug Targets* 11: 45, 2011. [PMID: 21303341]
- Dodd RY: Emerging pathogens and their implications for the blood supply and transfusion transmitted infections. *Br J Haematol* 159: 135, 2012. [PMID: 22924410]
- Shander A, Lobel GP, Javidrooz M: Transfusion practices and infectious risks. *Expert Rev Hematol* 9: 597, 2016. [PMID: 26959944]
- Levy JH, Neal MD, Herman JH: Bacterial contamination of platelets for transfusion: strategies for prevention. *Crit Care* 22: 271, 2018. [PMID: 30367640]
- Sayah DM, Looney MR, Toy P: Transfusion reactions newer concepts on the pathophysiology, incidence, treatment, and prevention of transfusion-related acute lung injury. *Crit Care Clin* 28: 363, 2012. [PMID: 22713611]
- Otrock ZK, Liu C, Grossman BJ: Transfusion-related acute lung injury risk mitigation: an update. *Vox Sang* 112: 694, 2017. [PMID: 28948604]
- Pandey S, Vyas GN: Adverse effects of plasma transfusion. *Transfusion* 52(Suppl 1): 65S, 2012. [PMID: 22578374]
- Hayter MA, Pavenski K, Baker J: Massive transfusion in the trauma patient: continuing professional development. *Can J Anaesth* 59: 1130, 2012. [PMID: 23076727]