

Bibliography –

AABB. Paediatric Transfusion: A Physician's Handbook, 4rd Edition. Published, 2017.

Aher SM, Ohlsson A. Late Erythropoietin for Preventing Red Blood Cell Transfusion in Preterm and/or Low Birth Weight Infants. *Cochrane Database Syst Rev* 2014: CD004868.
<https://www.ncbi.nlm.nih.gov/pubmed/24760628>.

Arthur CM, Nalbant D, Feldman HA, Saeedi BJ, Matthews J, Robinson BS, Kamili NA, Bennett A, Cress GA, Sola-Visner M, Jones RM, Zimmerman MB, Neish AS, Patel RM, Nopoulos P, Georgieff MK, Roback JD, Widness JA, Josephson CD, Stowell SR. Anemia induces gut inflammation and injury in an animal model of preterm infants. *Transfusion*. 2019 Apr;59(4):1233-1245. doi: 10.1111/trf.15254. Epub 2019 Mar 21. PubMed PMID: 30897226; PubMed Central PMCID: PMC6525338.

Cure P, Bembea M, Chou S, Doctor A, Eder A, Hendrickson J, Josephson CD, Mast AE, Savage W, Sola-Visner M, Spinella P, Stanworth S, Steiner M, Mondoro T, Zou S, Levy C, Wacławiw M, El Kassir N, Glynn S, Luban NL. 2016 proceedings of the National Heart, Lung, and Blood Institute's scientific priorities in pediatric transfusion medicine. *Transfusion*. 2017 Jun; 57(6):1568-1581. doi: 10.1111/trf.14100. Epub 2017 Mar 28. PubMed PMID: 28369923.

Fergusson DA, Hebert P, Hogan DL, LeBel L, Rouvinez-Bouali N, Smyth JA, Sankaran K, Tinmouth A, Blajchman MA, Kovacs L, Lachance C, Lee S, Walker CR, Hutton B, Ducharme R, Balchin K, Ramsay T, Ford JC, Kakadekar A, Ramesh K, Shapiro S. Effect of Fresh Red Blood Cell Transfusions on Clinical Outcomes in Premature, Very Low-Birth-Weight Infants: The Aripa Randomized Trial. *JAMA* 2012; 308: 1443-51.
<https://www.ncbi.nlm.nih.gov/pubmed/23045213>.

Kirpalani H, Whyte RK, Andersen C, Asztalos EV, Heddle N, Blajchman MA, Peliowski A, Rios A, LaCorte M, Connelly R, Barrington K, Roberts RS. The Premature Infants in Need of Transfusion (Pint) Study: A Randomized, Controlled Trial of a Restrictive (Low) Versus Liberal (High) Transfusion Threshold for Extremely Low Birth Weight Infants. *J Pediatr* 2006; 149: 301-7.
<https://www.ncbi.nlm.nih.gov/pubmed/16939737>.

Luban NL, Strauss RG, Hume HA. Commentary on the Safety of Red Cells Preserved in Extended-Storage Media for Neonatal Transfusions. *Transfusion* 1991; 31: 229-35.
<https://www.ncbi.nlm.nih.gov/pubmed/1900648>.

Nellis ME, Goel R, Karam O, Cushing MM, Davis PJ, Steiner ME, Tucci M, Stanworth SJ, Spinella PC; Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network, Pediatric Critical Care Blood Research Network (BloodNet), and the Point Prevalence Study of Platelet Transfusions in Critically Ill Children (P3T) Investigators. International Study of the Epidemiology of Platelet Transfusions in Critically Ill Children With an Underlying Oncologic Diagnosis. *Pediatr Crit Care Med*. 2019 Jul;20(7):e342-e351. doi:10.1097/PCC.0000000000001987. PubMed PMID: 31107379.

New HV, Berryman J, Bolton-Maggs PH, Cantwell C, Chalmers EA, Davies T, Gottstein R, Kelleher A, Kumar S, Morley SL, Stanworth SJ, British Committee for Standards in H. Guidelines on Transfusion for

Fetuses, Neonates and Older Children. *Br J Haematol* 2016; 175: 784-828.
<https://www.ncbi.nlm.nih.gov/pubmed/27861734>.

Patel RM, Josephson CD, Shenvi N, Maheshwari A, Easley KA, Stowell S, Sola-Visner M, Ferrer-Marin F. Platelet transfusions and mortality in necrotizing enterocolitis. *Transfusion*. 2019 Mar;59(3):981-988. doi: 10.1111/trf.15112. Epub 2018 Dec 30. PubMed PMID: 30597571; PubMed Central PMCID: PMC6402966.

Roseff SD, Luban NL, Manno CS. Guidelines for Assessing Appropriateness of Pediatric Transfusion. *Transfusion* 2002; 42: 1398-413. <https://www.ncbi.nlm.nih.gov/pubmed/12421212>.

Stanworth SJ. Thrombocytopenia, Bleeding, and Use of Platelet Transfusions in Sick Neonates. *Hematology Am Soc Hematol Educ Program* 2012; 2012: 512-6.
<https://www.ncbi.nlm.nih.gov/pubmed/23233627>.

Strauss RG, Burmeister LF, Johnson K, Cress G, Cordle D. Feasibility and Safety of as-3 Red Blood Cells for Neonatal Transfusions. *J Pediatr* 2000; 136: 215-9. <https://www.ncbi.nlm.nih.gov/pubmed/10657828>.

Tucci M, Lacroix J, Fergusson D, Doctor A, Hébert P, Berg RA, Caro J, Josephson CD, Leteurtre S, Menon K, Schechtman K, Steiner ME, Turgeon AF, Clayton L, Bockelmann T, Spinella PC; Canadian Critical Care Trials Group; Pediatric Critical Care Blood Research Network (BloodNet); Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. The age of blood in pediatric intensive care units (ABC PICU): study protocol for a randomized controlled trial. *Trials*. 2018 Jul 28;19(1):404. doi: 10.1186/s13063-018-2809-y. PubMed PMID: 30055634; PubMed Central PMCID: PMC6064163.

Valentine SL, Bembea MM, Muszynski JA, Cholette JM, Doctor A, Spinella PC, Steiner ME, Tucci M, Hassan NE, Parker RI, Lacroix J, Argent A, Carson JL, Remy KE, Demaret P, Emeriaud G, Kneyber MCJ, Guzzetta N, Hall MW, Macrae D, Karam O, Russell RT, Stricker PA, Vogel AM, Tasker RC, Turgeon AF, Schwartz SM, Willems A, Josephson CD, Luban NLC, Lehmann LE, Stanworth SJ, Zantek ND, Bunchman TE, Cheifetz IM, Fortenberry JD, Delaney M, van de Watering L, Robinson KA, Malone S, Steffen KM, Bateman ST; Pediatric Critical Care Transfusion and Anemia Expertise Initiative (TAXI); Pediatric Critical Care Blood Research Network (BloodNet), and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. Consensus Recommendations for RBC Transfusion Practice in Critically Ill Children From the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. *Pediatr Crit Care Med*. 2018 Sep;19(9):884-898. doi: 10.1097/PCC.0000000000001613. PubMed PMID: 30180125; PubMed Central PMCID: PMC6126913.

Whyte RK, Jefferies AL, Canadian Paediatric Society. Red Blood Cell Transfusion in Newborn Infants Position Statement. Canadian Paediatric Society, 2017. <http://www.cps.ca/en/documents/position/red-blood-cell-transfusion-newborn-infants>.

Whyte RK, Kirpalani H, Asztalos EV, Andersen C, Blajchman M, Heddle N, LaCorte M, Robertson CM, Clarke MC, Vincer MJ, Doyle LW, Roberts RS, Group PS. Neurodevelopmental Outcome of Extremely Low

Birth Weight Infants Randomly Assigned to Restrictive or Liberal Hemoglobin Thresholds for Blood Transfusion. *Pediatrics* 2009; 123: 207-13. <https://www.ncbi.nlm.nih.gov/pubmed/19117884>.

Labarque V, Van Geet C. Clinical Practice: Immune Thrombocytopenia in Paediatrics. *Eur J Pediatr* 2014; 173: 163-72. <https://www.ncbi.nlm.nih.gov/pubmed/24390128>.

Council of Europe. Guide to the Preparation, Use and Quality Assurance of Blood Components. 19th Ed Council of Europe Strasbourg, France 2017. <https://www.edqm.eu/en/blood-transfusion-guides-1608.html>.

Seed CR, Wong J, Polizzotto MN, Faddy H, Keller AJ, Pink J. The Residual Risk of Transfusion-Transmitted Cytomegalovirus Infection Associated with Leucodepleted Blood Components. *Vox Sang* 2015; 109: 11-7. <https://www.ncbi.nlm.nih.gov/pubmed/25854287>.

Mainou M, Alahdab F, Tobian AA, Asi N, Mohammed K, Murad MH, Grossman BJ. Reducing the Risk of Transfusion-Transmitted Cytomegalovirus Infection: A Systematic Review and Meta-Analysis. *Transfusion* 2016; 56: 1569- 80. <https://www.ncbi.nlm.nih.gov/pubmed/26826015>.

Josephson CD, Caliendo AM, Easley KA, Knezevic A, Shenvi N, Hinkes MT, Patel RM, Hillyer CD, Roback JD. Blood Transfusion and Breast Milk Transmission of Cytomegalovirus in Very Low-Birth-Weight Infants: A Prospective Cohort Study. *JAMA Pediatr* 2014; 168: 1054-62. <https://www.ncbi.nlm.nih.gov/pubmed/25243446>.