

BIBLIOGRAPHY

- Akbar, T. I .S. (2014). The Potential of Hemolysis and the Advantage of Washed Erythrocyte and Leukodepleted Packed Red Cell (In-line) Blood Components in Blood Transfusion Practice. *J Indon Med Assoc*, 64(10);451- 455.
- Antonelou, M., Tzounakas, V., Velentzas, A., Stamoulis, K., Kriebardis, A. and Papassideri, I. (2012). Effects of pre-storage leukoreduction on stored red blood cells signaling: A time-course evaluation from shape to proteome. *Journal of Proteomics*, 76, pp.220-238.
- Antonelou, M.H., Kriebardis, A.G. and Papassideri, I.S., (2010). Aging and death signalling in mature red cells: From basic science to transfusion practice. *Blood Transfusion*, 8(SUPPL. 3), pp.39–47.
- Basu, D. and Kulkarni, R. (2014). Overview of blood components and their preparation. *Indian Journal of Anaesthesia*, 58(5), p.529.
- Bianconi, E., Piovesan, A., Facchin, F., Beraudi, A., Casadei, R., Frabetti, F., Vitale, L., Pelleri, M., Tassani, S., Piva, F., Perez-Amodio, S., Strippoli, P. and Canaider, S. (2013). An estimation of the number of cells in the human body. *Annals of Human Biology*, 40(6), pp.463-471.
- Cap, A. P., Beckett, A., Borgman, M., Benov, A., Chen, J. (2018). Whole Blood Transfusion. *Military Medicine*, Volume 183. Pages 44-51. [online] Available at : <https://doi.org/10.1093/milmed/usy120>
- Carson J.L., Stanworth, S.J., Roubinian, N., Fergusson, D.A., Triulzi, D., Doree, C., Herbert, P.C. (2016). Transfusion threshold and other strategies for guiding allogenic red blood cell transfusion. *Cochrane Database of Systematic Reviews*. New Jersey: John Wiley and Sons.
- Daly, M. (2010). Determinants of platelet count in humans. *Haematologica*, 96(1), pp.10-13.
- Deng, L. H., Barbenel, J. C., and Lowe, G. D. O. (1994). Influence of hematocrit on erythrocyte aggregation kinetics for suspensions of red blood cells in autologous plasma. *Biorheology*, 31(2), 193–205. doi:10.3233/bir-1994-31207
- Elblbesy, M. A. and Moustafa, M. E. (2017). The Impact of Biophysical Properties of Erythrocytes on their Aggregation. *International journal of biomedical science : IJBS*, 13(2), 113–118.
- Greer, J. and Wintrobe, M. (2013). *Wintrobe's clinical hematology*. 13th ed. Philadelphia, Pa.: Lippincott Williams & Wilkins.
- Heaton, W., Holme, S., Smith, K., Brecher, M., Pineda, A., AuBuchon, J. and Nelson, E. (1994). Effects of 3-5 log₁₀ pre-storage leucocyte depletion on

- red cell storage and metabolism. *British Journal of Haematology*, 87(2), pp.363-368.
- Hoffbrand, A. and Moss, P. (2015). *Hoffbrand's essential haematology*. 7th ed.
- Hsc.com.pk. (2019). *Purecell® PL Filter 3 to 6 Units (EU) – HSC*. [online] Available at: <https://hsc.com.pk/otw-portfolio/purecell-pl-filter-3-to-6-units-eu/> [Accessed 7 Oct. 2019].
- Kanias, T., Lanteri, M., Page, G., Guo, Y., Endres, S., Stone, M., Keating, S., Mast, A., Cable, R., Triulzi, D., Kiss, J., Murphy, E., Kleinman, S., Busch, M. and Gladwin, M. (2017). Ethnicity, sex, and age are determinants of red blood cell storage and stress hemolysis: results of the REDS-III RBC-Omics study. *Blood Advances*, 1(15), pp.1132-1141.
- Keohane, E. (2019). *Rodak's Hematology*. [Place of publication not identified]: Saunders.
- Kim-Shapiro, D., Lee, J. and Gladwin, M. (2011). Storage lesion: role of red blood cell breakdown. *Transfusion*, 51(4), pp.844-851.
- Kumar, H., Gupta, P., Mishra, D., Sarkar, R., and Jaiprakash, M. 2006. Leucodepletion and Blood Products. *Medical Journal Armed Forces India*, 62(2), pp. 174-177
- Mathew, J. and Varacallo, M. (2019). Physiology, Blood Plasma. [online] Available at: <https://www.ncbi.nlm.nih.gov/books/NBK531504/> [Accessed 19 Apr. 2019].
- Mohandas K and Aledort L. (1995). Transfusion requirements, risks, and costs for patients with malignancy. *Transfusion*; 35(5):427-30
- Müller, M., Geisen, C., Zacharowski, K., Tonn, T. and Seifried, E. (2015). Transfusion of Packed Red Cells. *Deutsches Ärzteblatt Online*.
- Naidech, A., Kahn, M., Soong, W., Green, D., Batjer, H. and Bleck, T. (2008). Packed Red Blood Cell Transfusion Causes Greater Hemoglobin Rise at a Lower Starting Hemoglobin in Patients with Subarachnoid Hemorrhage. *Neurocritical Care*, 9(2), pp.198-203.
- Pertinhez, T., Casali, E., Baroni, F., Berni, P., Baricchi, R. and Spisni, A. (2016). A Comparative Study of the Effect of Leukoreduction and Pre-storage Leukodepletion on Red Blood Cells during Storage. *Frontiers in Molecular Biosciences*, 3.
- Sonker, A., Dubey, A., and Chaudhary, R. (2014). Evaluation of a red cell leukofilter performance and effect of buffy coat removal on filtration efficiency and post filtration storage. *Indian journal of hematology & blood transfusion : an official journal of Indian Society of Hematology and Blood Transfusion*, 30(4), 321–327. doi:10.1007/s12288-013-0257-0

- Sysmex.com. (2019). *XN-Series*. [online] Available at: <https://www.sysmex.com/us/en/Company/News/Spring2013/Pages/XN-Series.aspx> [Accessed 7 Oct. 2019].
- Walter H. Dzik. (2002). Leucoreduction of blood components. *Current Opinion in Hematology*, 9:521-526. Philadelphia: Lippincott Williams & Wilkins.
- World Health Organization. (2018). *Blood transfusion*. [online] Available at: <http://www.who.int/news-room/facts-in-pictures/detail/blood-transfusion> [Accessed 10 Oct. 2018].
- Xu, W., Yu, Q., Xie, L., Chen, B., and Zhang, L. (2017). Evaluation of Sysmex XN-1000 hematology analyzer for cell count and screening of malignant cells of serous cavity effusion. *Medicine*, 96(27), e7433. doi:10.1097/MD.00000000000007433
- Yaddanapudi, S. and Yaddanapudi, L. (2014). Indications for blood and blood product transfusion. *Indian Journal of Anaesthesia*, 58(5), p.538.
- Yuruk, K., Bartels, S., Milstein, D., Bezemer, R., Biemond, B. and Ince, C. (2011). Red blood cell transfusions and tissue oxygenation in anemic hematology outpatients. *Transfusion*, 52(3), pp.641-646.