

DAFTAR PUSTAKA

- Abella, V., Scotece, M., Conde, J., Pino, J., Gonzalez-Gay, M.A., *et al.* 2017. Leptin in the interplay of inflammation, metabolism and immune system disorders. *Nat. Rev. Rheumatol*, 13:100–109.
- Adamson, J.W. 2008. The anemia of inflammation/malignancy: mechanisms and management. *Hematol. Am. Soc. Hematol. Educ. Program*, 2008:159–165.
- Alfaro, C., Sanmamed, M.F., Rodríguez-ruiz, M.E., Teijeira, Á., Oñate, C., González, Á., Ponz, M., Schalper, K.A., Pérez-gracia, J.L. & Melero, I. 2017. Interleukin-8 in cancer pathogenesis, treatment and follow-up. *Cancer Treatment Reviews*, 60: 24–31.
- Alli, N., Bch, M.B., Sa, F., Vaughan, J., Bch, M.B., Sa, F., Haem, M., Patel, M., Chb, M.B., Sa, F.C.P. & Lond, F. 2017. Anaemia : Approach to diagnosis. *S Afr Med J*, 107(1): 23–27.
- Anon. 2018. Hasil utama riset kesehatan dasar 2018. hal:1–88.
- Anon. 2011. Purecell ® RC High Efficiency leucocyte removal filter for blood transfusion of 1 unit (EU). <http://pall.com/main/Medical/Product.page?id=48145>.
- Anon. 2016. Quantitative determination of human interleukin-8. <http://www.biovendor.com>.
- Baggiolini, M., Clark-lewis, I. and Iturrtorrre, T. 1992. a chemotactic and inflammatory. *J. Clin. Invest*, 307(I): 97–101.
- Baggiolini, M., Walz, A. and Kunkel, S.L. 1989. Neutrophil-activating peptide 1/interleukin 8, a novel cytokine that activates neutrophils. *J. Clin. Invest*. 84: 1045-49.
- Berrahmoune, H., Lamont, J. V, Herbeth, B., Fitzgerald, P.S., Visvikis-siest, S. 2006. Biological Determinants of and Reference Values for Plasma Interleukin-8 , Monocyte Chemoattractant Protein-1 , Epidermal Growth Factor , and Vascular Endothelial Growth Factor : Results from the STANISLAS Cohort. *Clinical Chemistry*, 52(3): 504–510.
- Birgegård, G., Aapro, M. S., Bokemeyer, C., Dicato, M., Drings, P., Hornedo, J., *et al.* 2005. Cancer-related anemia: pathogenesis, prevalence and treatment. *Oncology*, 68(Suppl. 1):3–11.
- Broker, H. & Jacks, S. 2000. *Transfusion Therapy*. Third Edit. Elsevier Inc.
- Brubaker, D.B. 1990. Clinical significance of white cell antibodies in febrile non hemolytic transfusion reactions. *Transfusion*, 30:733-7.
- Bryer, E. 2018. Chemotherapy-induced anemia : etiology , pathophysiology , and implications for contemporary practice. *Inter. J. Clin. Transf. Med.*, 6: 21–31.
- Casadevall N. 1998. Update on the role of epoetin alfa in hematologic malignancies and myelodysplastic syndromes. *Semin Oncol*. 25 (suppl 7):12-18.
- Chen, D., Serrano, K. & Devine, D. V. 2016. Introducing the red cell storage lesion. *International Society of Blood Transfusion*, 11: 26–33.
- Cosse, J.P.& Michiels, C. 2008. Tumour hypoxia affects the responsiveness of cancer cells to chemotherapy and promotes cancer progression. *Anticancer Agents Med. Chem*, 8:790–797.

- Dahlan, S. 2011. Statistika Untuk Kedokteran dan Kesehatan. In *Salemba Medika*. Jakarta: 167–174.
- Davenport, R.D., Strieter, R.M., Standiford, T.J. & Kunkel, S.L. 1990. Interleukin-8 Production in Red Blood Cell Incompatibility. *Blood*, 15(12): 2439–2442.
- Dicato, M., Plawny, L. & Diederich, M. 2010. symposium article Anemia in cancer. *Annals of Oncology*, 21(Supplement 7): 167–172.
- Elzik ME, Dirschl RD, Dahners LE. 2006. Correlation of Transfusion Volume to Change in Hematocrit. *Am. J. of Hematol*, 81(2):145-146.
- Foubert, J. 2006. New EORTC guidelines for the treatment of anaemia in patients with cancer : Implications for nursing practice. *Euro. J. Oncol. Nurs*, 10: 177–186.
- Fuso, L., Mazzola, S., Marocco, F., Ferrero, A., Dompè, D., Carus, A. P., *et al*. 2005. Pretreatment serum hemoglobin level as a predictive factor of response to neoadjuvant chemotherapy in patients with locally advanced squamous cervical carcinoma: a preliminary report. *Gynecol. Oncol*, 99(3 Suppl. 1): S187–S191.
- Galel, S.A., Fontaine, M.J., Viele, M.K., Gonzalez, C.L. & Goodnough, L.T. 2013. Transfusion Medicine. In *Wintrrobe Clinical Hematology*. pp. 547–586.
- Ganz, T. & Nemeth, E. 2011. Hcpidin and disorders of iron metabolism. *Annu. Rev. Med*, 62: 347–360.
- Ganz, T.& Nemeth, E. 2015. Iron homeostasis in host defence and inflammation. *Nat. Rev. Immunol*, 15: 500–510.
- Gaspar, B.L., Sharma, P., Das, R. 2015. Anemia in malignancies: pathogenetic and diagnostic considerations. *Hematology*, 20:18–25.
- Gilreath, J.A., Stenehjem, D.D. & Rodgers, G.M. 2014. Diagnosis and treatment of cancer-related anemia. *Am. J. of Hematol*, 89(2): 203–212.
- Guimaraes, M.D., Bitencourt, A.G. V, Marchiori, E., Chojniak, R. & Gross, J.L. 2014. Imaging acute complications in cancer patients : what should be evaluated in the emergency setting ? *Cancer Imaging*, 14(1): 1–12.
- Harada, A., Sekido, N., Akahoshi, T., Wada, T., *et al* .1994. Essential inflammation involvement of interleukin-8 (IL-8) in acute. *J of Leukocyte Biol*, 56(November): 559–564.
- Hemmati, S., Haque, T. & Gritsman, K. 2017. Inflammatory Signaling Pathways in Preleukemic and Leukemic Stem Cells. *Frontiers in Oncology*, 7(265): 1–17.
- Herault, O., Binet, C., Rico, A., Degenne, M., Bernard, M., Chassaigne, M. & Sensebe, L. 2001. Evaluation of Performance of White Blood Cell Reduction Filters : An Original Flow Cytometric Method for Detection and Quantification of Cell-Derived Membrane Fragments. *Cytometry*, 45: 277–284.
- Hoffbrand, A.V., Moss, P.A.2016. Erythropoiesis and general aspects of anaemia. In 7th eds. *Essential Haematology*. Wiley-Blackwell., pp. 12-26
- Hsu, Y.S., Ness, P.M., Cushing, M.M. & Cells, R.B. 2018. Principles of Red Blood Cell Transfusion. In R. Hofmann, E. Benz, L. Silberstein, H. Heslop, J. Weitz, & J. Anastasi, 7th eds. *Hematology*. Elsevier Inc., pp. 1702–14.
- Johnson, R.A. 1989. Hematologic Hematologic manifestations of malignancy. *DM*, (November): 726-768.

- Kumar, C.H., Col, L., Gupta, P.K., Col, L., Mishra, D.K., Col, L., Sarkar, R.S. & Jaiprakash, B.M. 2006. Leucodepletion and Blood Products. *MJAFI*, 2: 174–177.
- Kyle, R.A. 1975. Multiple myeloma: review of 869 cases. *Mayo Clin Proc*, 50:29–40.
- Littlewood, T.J. 2000. Reduced transfusion, increased hemoglobin, and improved QOL for epoetin alfa-treated patients receiving nonplatinum chemotherapy for hematologic malignancies. *Hematol J*, 1 (abstr 94):24.
- Ludwig, H., Van Belle, S., Barrett-Lee, P., Birgegård, G., Bokemeyer, C., Gascón, P., *et al.* 2004. The European Cancer Anaemia Survey (ECAS): a large, multinational, prospective survey defining the prevalence, incidence & treatment of anaemia in cancer patients. *Eur. J. Cancer*, 40: 2293–2306.
- Macciò, A., Gramignano, G. & Madeddu, C. 2015. A multitargeted treatment approach for anemia and cachexia in metastatic castration-resistant prostate cancer. *J. Pain Symptom Manage*, 50:e1–e4.
- Madeddu, C., Gramignano, G., Astará, G., Demontis, R., Sanna, E., Atzeni, V. & Macciò, A. 2018. Pathogenesis and Treatment Options of Cancer Related Anemia: Perspective for a Targeted Mechanism-Based Approach. *Front. Phys*, 9: 1–20.
- Mantovani, G., Macció, A., Mura, L., Massa, E., Mudu, M.C., Mulas, C., *et al.* 2000. Serum levels of leptin and proinflammatory cytokines in patients with advanced-stage cancer at different sites. *J. Mol. Med.* 78: 554–561.
- Mccarthy, J., Unilever, R. & Colworth, D. 2003. Immunological techniques: ELISA. In *Detecting pathogens in food*. Woodhead Publishing Limited, pp. 241–258.
- Means, R.T. 1995. Pathogenesis of the anemia of chronic disease: a cytokine-mediated anemia. *Stem Cells*, 13: 32–37.
- Menitove, J.E. 1999. Standards for blood banks and transfusion services. 19th ed. Bethesda MD: *Am Assocn of Blood Banks*. pp. 1–20.
- Miguel, J.F., Garcia, S.R., Gonzalez, M, *et al.* 1995. A new staging system for multiple myeloma based on the number of S-phase plasma cells. *Blood*, 85:448–455.
- Miguel, J.F., Garcia, S.R. 1998. Recombinant human erythropoietin in the anaemia of multiple myeloma and nonHodgkin's lymphoma. *Med Oncol*, 15 (suppl 1):29–34.
- Mohandas, K., Aledort, L. 1995. Transfusion requirements, risks, and costs for patients with malignancy. *Transfusion*. 35(5):427–430.
- Müller, M.M., Geisen, C., Zacharowski, K., Tonn, T. & Seifried, E. 2015. Transfusion of Packed Red Cells. *Dtsch Arztebl Int*, 112:507–18.
- Muyllé, L., Peetermans, M.E. 1994. Effect of prestorage leukocyte removal on the cytokine levels in stored platelet concentrates. *Vox Sang*, 66:14–7.
- National Cancer Institute. 2009. Common terminology criteria for adverse events (CTAE). <https://evs.nci.nih.gov/CTAE/Archive>. (5 Desember 2018).
- Obermair, A., Handisurya, A., Kaider, A., Sevelde, P., Kölbl, H. & Gitsch, G. 1998. The relationship of pretreatment serum hemoglobin level to the survival

- of epithelial ovarian carcinoma patients: a prospective review. *Cancer*, 83: 726–731.
- Palomino, T. Carolina, D., & Marti, L.C. 2015. Chemokines and immunity Quimiocinas e imunidade. *Einstein*, 13(55 11): 469–473.
- Perkins, H.A, Payne, R., Fergusson, J., Wood, M. 1966. Non Haemolytic transfusion reactions. Quantitative effects of blood components with emphasis on isoantigenic incompatibility of leucocytes. *Vox Sang*, 11: 578-600.
- Playfair, J.H.L. & Chain, B.M. 2009. Investigating immunity. In *Immunology at a Glance*. Wiley-Blackwell, pp. 96–99.
- Purcell, S.L., Melissa, C., Hosgood, G. & Smart, L. 2015. Effect of leukoreduction on concentrations of interleukin-8, interleukin-1 β , and tumor necrosis factor- α in canine packed red blood cells during storage. *Am J Vet Res*, 76(11): 969–974.
- Rodgers, G.M. III, Gilreath, J.A., Achebe, M.M., Alwan, L., Arcasoy, M., Ali Beth, S., *et al.* 2017. *NCCN. Cancer- and Chemotherapy-Induced Anemia, Version 2.2017*. http://www.nccn.org/professionals/physician_gls/pdf/anemia.pdf (27 Desember 2018).
- Roubinian, N.H., Looney, M.R., Kor, D.J., Lowell, C.A., Gajic, O., Hubmayr, R.D., Gropper, M.A., Koenigsberg, M., Wilson, G.A., Matthay, M.A., Toy, P., Murphy, E.L., Francisco, S. & Francisco, S. 2016. Cytokines and clinical predictors in distinguishing pulmonary transfusion reactions. *Transfusion*, 55(8): 1838–1846.
- Sastroasmoro & Ismael, S. 2014. *Dasar-dasar Metodologi Penelitian Klinis*. : 13–29.
- Schmidt, P.J. 2015. Regulation of iron metabolism by hepcidin during conditions of inflammation. *J. Biol. Chem*, 290: 18975–18983.
- Schrijvers, D. 2011. Oncologist Management of Anemia in Cancer Patients : Transfusions. *The Oncologist*, 16(suppl 3): 12–18.
- Shabir, G. 2004. A practical approach to validation of HPLC methods under current good manufacturing practices. *J. Val. Tech*, 29–37.
- Shanwell, A. 1997. Generation of cytokines in red cell concentrates during storage is prevented by prestorage white cell reduction. *Transfusion*, 37:678-684.
- Shukla, R., Patel, T. & Gupte, S. 2015. Release of cytokines in stored whole blood and red cell concentrate : Effect of leukoreduction Full Text Introduction Release of cytokines in stored whole blood and red cell con. *Asian J of Transf Sci*, 9(2): 145–149.
- Simancas, R., Osorio, D. & Arturo J, M. 2015. Leukoreduction for the prevention of adverse reactions from allogeneic blood transfusion (Review). *Cochrane Database of Systematic Reviews 2015*, (12): 1–74.
- Spivak, J.L. 2005. The anaemia of cancer: death by a thousand cuts. *Nat. Rev. Cancer*, 5: 543–555.
- Stack, G., Baril, L., Napychank, P. & Snyder, E.. 1995. Cytokine generation in stored, white cell-reduced, and bacterially contaminated units. *Transfusion*, 35: 199–203.

- Sutandyo, N. 2007. Transfusi pada pasien kanker: manfaat dan resiko. *Indonesian J. Cancer*, 3:115-120.
- Turner, M.D., Nedjai, B., Hurst, T. & Pennington, D.J. 2014. Cytokines and chemokines: At the crossroads of cell signalling and inflammatory disease. *Biochim. Biophys. Acta*, 20:1-10.
- Watkins, T., Surowiecka, M.K. & Mccullough, J. 2015. Transfusion Indications for Patients With Cancer. *Cancer Kontrol*, 22(1):38-46.
- Waugh, D.J.J., Wilson, C., Waugh, D.J.J. & Wilson, C. 2008. The interleukin-8 pathway in cancer. *Clin Cancer Res*, 14(21): 6735–6741.
- Weiss, G.& Goodnough, L.T. 2005. Anemia of chronic disease. *N. Engl. J. Med*, 352: 1011–1023.
- World Health Organization. 2018. *Cancer*. <https://www.who.int/cancer/en/> (28 November 2018).
- Wiesen AR, Hospenthal DR, Byrd JC, Glass KL, Howard RS, *et al.* 1994. Equilibration of Hemoglobin Concentration after Transfusion in Medical Inpatients Not Actively Bleeding. *Ann Intern Med*, 121(4): 278-280.
- Xie, K. 2001. Interleukin-8 and human cancer biology. *Cytokine & Growth Factor Reviews*, 12: 375–391.
- Xu, L., Page, J.H., Cannavale, K., Sattayapiwat, O. & Rodriguez, R. 2016. Incidence of anemia in patients diagnosed with solid tumors receiving chemotherapy , 2010 – 2013. *Clin Epid*, 8: 61–71.
- Zarogoulidis, P., Katsikogianni, F., Tsiouda, T., Sakkas, A., Katsikogiannis, N. & Zarogoulidis, K. 2014. Interleukin-8 and interleukin-17 for Cancer. *Cancer Investigation*, 32: 197–205.