



DAFTAR PUSTAKA

- Aktas, G., Alcelik, A., Tekce, B.K., Savli, H., Uyeturk, U., Kurt, M., *et al.* 2013. Mean platelet volume and red cell distribution width in hepatosteatosi. *Natl J Med Res*; 3:264–6.
- Aktas, G., Sit, M., Dikbas, O., Tekce, B.K., Savli, H., Tekce, H., *et al.* 2014. Could red cell distribution width be a marker in Hashimoto's thyroiditis. *Exp Clin Endocr Diab*;122:572–4.
- Anindita, T., Wiratman, W. 2017. Buku Ajar Neurologi. Jakarta. Departemen Neurologi Fakultas Kedokteran Universitas Indonesia.
- Auezova, R., Ryskeldiev, N., Doskaliyev, A., Kuanyshev, Y., Zhetpisbaev, B., Aldiyarova, N., Ivanova, N., Akshulakov, S., Auezova, L. 2016. Association of preoperative levels of selected blood inflammatory markers with prognosis in gliomas. *Onco Targets Therapy* 9:6111–6117.
- Best, B., Nguyen, H.S., Doan, N.B., Gelsomino, M., Shabani, S., Ahmadi, G., Sadati, M., Sheikh, S., Adl, F.H., Taqi, M.A., mortazavi, M.M.. 2019. Causes of death in glioblastoma: insights from the SEER database. *Journal of Neurosurgical Sciences*; 63(2):121-6
- Caporal, F.A., Comar, S.R. 2013. Evaluation of RDW-CV, RDW-SD, and MATH-1SD for the detection of erythrocyte anisocytosis observed by optical microscopy. *J Bras Patol Med Lab*, v. 49, n. 5, p. 324-331.
- Dagistan, Y., Dagistan, E., Citisli, V., 2016. Evaluation of simple blood counts as inflammation markers for brain tumor patients. *Neurol Neurochir Pol*; PJNNS-199:1-5
- Dahlan, M.S. 2010. Besar Sampel dan Cara Pengambilan Sampel dalam Penelitian Bidang Kedokteran dan Kesehatan, edisi 3. Jakarta: Salemba Medika.
- de Gonzalo-Calvo, D., de Luxan-Delgado, B., Rodriguez-Gonzalez, S., Garcia-Macia, M., Suarez, F.M., Solano, J.J., Rodriguez-Colunga, M.J., Coto-Montes, A. 2012. Interleukin 6, soluble tumor necrosis factor receptor I and red blood cell distribution width as biological markers of functional dependence in an elderly population: a translational approach. *Cytokine*; 58: 193-8.
- Ducray, F., Marie, Y., Sanson, M. 2009. IDH1 and IDH2 mutations in gliomas. *N. Engl. J. Med.* 360, 2248–2249.



- Felker, G.M., Allen, L.A., Pocock, S.J., et al. 2007. Red cell distribution width as a novel prognostic marker in heart failure. *JACC*;50(1):40–47.
- Friedman, J.S., Lopez, M.F., Fleming, M.D., Rivera, A., Martin, F.M., Welsh, M.L., Boyd, A., Doctrow, S.R., Burakoff, S.J. 2004. SOD2- deficiency anemia: protein oxidation and altered protein expression reveal targets of damage, stress response, and antioxidant responsiveness. *Blood* 104(8):2565–2573.
- Grivennikov, S.I., Greten, F.R., Karin, M. 2010. Immunity, inflammation, and cancer. *Cell*;140:883–99.
- Gu, J., Liu, Y., Kyritsis, A., Bondy, M. 2009. Molecular epidemiology of primary brain tumors. *Neurotherapeutics: the journal of the American society for experimental NeuroTheurapeutics*; 6:427-435.
- Hansen, H.H., Dombernowsky, P., Hirsch, F.R. 1978. Staging procedures and prognostic features in small cell anaplastic bronchogenic carcinoma. *Semin Oncol*, 5: 280-287.
- Hartanto, R.A., Dwianingsih, E.K., Panggabean, A.S., Wicaksono, A.S., Dananjoyo, K., Asmedi, A., Malueka, R.G. 2021. Seizure in Indonesian Glioma Patients: Associated Risk Factors and Impact on Survival. *Asian Pac J Cancer Prev*, 22 (3), 691-697
- Hasselbalch, H.C. 2013. Chronic inflammation as a promotor of mutagenesis in essential thrombocythemia, polycythemia vera and myelofibrosis. A human inflammation model for cancer development? *Leuk Res* ;37:214–220.
- Ho, V.K.Y, Reijneveld, J.C., Enting, R.H., Bienfait, H.P., Robe, P., Baumert, B.G., Visser, O. 2014. Changing incidence and improved survival of gliomas. *European Journal of Cancer* (2014) 50, 2309– 2318.
- Huse, J.T., Holland, E.C. 2010. Targeting brain cancer: Advances in the molecular pathology of malignant glioma and medulloblastoma. *Nat. Rev. Cancer*, 10, 319–331.
- Jelkmann, W. 1998. Proinflammatory cytokines lowering erythropoietin production. *J Interferon Cytokine Res*;18:555–9.
- Jia, L., Cui, S., Yang, J., Jia, Q., Hao, L., Jia, R., Zhang, H. 2020. Red blood cell distribution width predicts long-term mortality in critical ill patient with acute kidney injury: a retrospective database study. *Scientificsreport*. 10:4563
- Kaya, A., Isik, T., kaya, Y., Enginyurt, O., Gunaydin, Zy., Iscanli, MD., Kurt, M., Tanboga, IH.2013. Relationship between Red cell distribution width



and Stroke in patient with stable chronic heart failure: A Propensity matching analysis. *Clinical and Applied Thrombosis/Hemostasis*. Vol 212(2).160-165

Kiefer, C.R., Snyder, L.M. 2000. Oxidation and erythrocyte senescence. *Curr Opin Hematol*;7:113–16.

Kondo, Y., Katsushima, K., Ohka, F., Natsume, A., Shinjo, K. 2014. Epigenetic dysregulation in glioma. *Cancer Sci*. 105, 363–369.

Lappe JM, Horne BD, Shah SH, et al. 2011. Red cell distribution width, C-reactive protein, the complete blood count, and mortality in patients with coronary disease and a normal comparison population. *Clin Chim Acta*; 412:2094–9.

Lee, JH., Chung, HJ., Kim, K., Jo, YH., Rhee, JE., Kim, YJ., Kang, KW.2013. Red Cell Distribution Width as a Prognostic marker in patient with community-acquired pneumonia. *American Journal of Emergency Medicine*. 72-79

Li, N., Zhou, H., Tang, Q. 2017. Red Blood Cell Distribution Width: A Novel Predictive Indicator for Cardiovascular and Cerebrovascular Diseases. Hindawi: Disease Marker.

Lippi, G., Cervellin, G., Favalaro, E.J., Plebani, M. 2012. In Vitro and In Vivo Hemolysis. An Unresolved Dispute in Laboratory Medicine. Belin, Boston: De Gruyter.

Lippi, G., Targher, G., Montagnana, M., Salvagno, G.L., Zoppini, G., Guidi, G.C. 2009. Relation between red blood cell distribution width and inflammatory biomarkers in a large cohort of unselected outpatients. *Arch Pathol Lab Med*; 133: 628-32.

Liu, M., Wang, L. 2020. Prognostic significance of preoperative serum albumin, albumin-to-globulin ratio, and prognostic nutritional index for patients with glioma: A meta-analysis. *Medicine*;99:27(e20927).

Louis, D.N., Ohgaki, H., Wiestler, O.D., et al. 2007. The 2007 WHO classification of tumours of the central nervous system. *Acta Neuropathol*;114:547–547.

Louis, D.N., Perry, A., Reifenberger, G., et al. 2016. The 2016 World Health Organization Classification of Tumors of the Central Nervous System: a summary. *Acta Neuropathol*;131:803–820.

Marinari, E., Allard, M., Gustave, R., Widmer, V., Philippin, G., Merkler, D., Tsantoulis, P., Dutoit, V., Dietrich, P. 2000. Inflammation and



lymphocyte infiltration are associated with shorter survival in patients with high-grade glioma. *Oncoimmunology*; vol. 9, no. 1, 1–12

- Meynar, I.A., Knook, A.H.M., Coolen, S., Le, H., Bos, M.M.E.M., van der Dijs, F., von Lindern, M., Steyenberg, E.W. 2013. Red cell distribution width as predictor formortality in critically ill patients. *The Netherlland Journal of Medicine*. vol. 71, no 9.
- Mustofa, A.G.M., Punganuru, S.R., Madala, H.R., Al-Obaide, M., Srivenugopal, K.S., 2017. The Process and Regulatory Components of Inflammation in Brain Oncogenesis. *Biomolecules*; 7, 34.
- Nuno, M., Birch, K., Mukherjee, D., Sarmiento, J.M. 2013. Survival and prognostic factors of anaplastic gliomas. *Neurosurgery*. 73(3): p. 458-65; quiz 465.
- Oemiati, R., Rahajeng, E., Kristanto, A.Y. 2011. Prevalensi Tumor dan Beberapa Faktor yang Mempengaruhinya di Indonesia. Badan Penelitian dan Pengembangan Kesehatan, Jakarta.
- Ordys, B., Launay, S., Deighton, R., McCulloch, J., Whittle, I. 2010. The role of mitochondria in glioma pathophysiology. *Molecular Neurobiology*; 42:64-75.
- Ostrom, Q.T., Patil, N., Cioffi, G., Waite, K., Kruchko, C., Barhholtz-Sloan, J.S. 2020. CBTRUS Statistical Report: Primary Brain and Other Central Nervous System Tumors Diagnosed in the United States in 2013–2017. *Neuro-oncology* 22:1–96.
- Patel, K.V., Ferrucci, L., Ershler, W.B., Longo, D.L., Guralnik, J.M. 2009. Red blood cell distribution width and the risk of death in middle-aged and older adults. *Arch Intern Med* 169: 515-523.
- Patel, K.V., Mohanty, J.G., Kanapuru, B., Hesdorffer, C., Ershler, W.B., Rifkind, J.M. 2012. Association of the Red Cell Distribution Width with Red Blood Cell Deformability. *Oxygen Transport to Tissue XXXIV* pp 211-216.
- Perlstein, T.S., Weuve, J., Pfeffer, M.A., Beckman, J.A. 2009. Red blood cell distribution width and mortality risk in a community-based prospective cohort. *Arch Intern Med*. 169:588–94.
- Podhorecka, M., Halicka, D., Szymczyk, A., Macheta, A., Chocholska, S., Hus, M., Darzynkiewicz, Z. 2016. Assessment of red blood cell distribution width as a prognostic marker in chronic lymphocytic leukemia. *Oncotarget*; 7:32846-53.
- Rasmussen, B.K., Hansen, Sr., Laursen, R.J., et al. 2017. Epidemiology of glioma:clinical characteristics, symptoms, and predictors of glioma



- patientsgrade I–IV in the Danish Neuro-Oncology Registry. *J Neurooncol*;135:571–9.
- Sowers. J.L., Johnson, K.M., Conrad, C., Patterson, J.T., Sowers, L.C. 2014. The Role of Inflammation in Brain Cancer. *Inflammation and Cancer*, 75-105.
- Schwartzbaum, J., Fischer, J., Aldape, K., Wrensch, M. 2006. Epidemiology 9. and molecular pathology of glioma. *Nature clinical practice. Neurology*; 2:494-503.
- Salvagno, G.L., Sanchis-Gomar, F., Picanza, A., Lippi, G. 2015. Red blood cell distribution width: A simple parameter with multiple clinical applications. *Critical reviews in clinical laboratory sciences*; 52: 86-105
- Sastroasmoro, S., Ismael, S. 2018. Dasar-Dasar Metodologi Penelitian Klinis. Edisi ke-5 cetakan ke-3. Jakarta: Sagung Seto.
- Silbergeld D.L., Rostomily, R.C., Alvord Jr., E.C. 1991. The cause of death in patients with glioblastoma is multifactorial: Clinical factors and autopsy findings in 117 cases of supratentorial glioblastoma in adults. *Journal of Neuro-Oncology* 10: 17-185.
- Smoll, N.R., Schaller, K., Gautschi, O.P. 2013. Long-term survival of patients with glioblastoma multiforme (GBM). *Journal of Clinical Neuroscience* 20 (2013) 670–675
- Tete, S., Nicoletti, M., Saggini, A., Maccauro, G., Rosati, M., Conti, F., Cianchetti, E., Tripodi, D., Toniato, E., Fulcheri, M., Salini, V., Caraffa, A., Antinolfi, P., et al. 2012. Nutrition and cancer prevention. *Int J Immunopathol Pharmacol*; 25: 573-81.
- Tseliou, E., Terrovitis, J.V., Kaldara, E.E et al. 2014. Red blood cell distribution width is a significant prognostic marker in advanced heart failure, independent of hemoglobin levels. *Hellenic journal of cardiology*: vol. 55, pp. 457–461.
- Walters, J.G., Garrity, P.F. 1993. RDW-SD and RDW-CV: their relationship to RBC distribution curves and anisocytosis. *Sysmex J Int*, v. 3, n. 1, p. 40-5.
- Wang, J., Hu, G., Quan, X. 2019. Analysis of the factors affecting the prognosis of glioma patients. *Open Med*. 2019; 14: 331-335.
- Wang, PF., Song, SY., Guo, H., Wang, TJ., Liu, N., Yan, CX. 2019. Prognostic role of pretreatment red blood cell distribution width in patients with cancer: A meta-analysis of 49 studies. *Journal of Cancer*; 10(18): 4305-4317



- Xu, W., Wang, D., Zheng, X., Ou, Q., Huang, L. 2017. Sex-dependent association of preoperative hematologic markers with glioma grade and progression. *J. Neurooncol.* 137, 279–287.
- Yang, P., Wang, Y., Peng, X., You, G., Zhang, W., Yan, W., Bao, Z., Wang, Y., Qiu, X., Jiang, T. 2013. Management and survival rates in patients with glioma in China (2004-2010): a retrospective study from a single-institution. *J Neurooncol.* 113(2): p. 259-266
- Zhang, C., Moore, L.M., Li, X., Yung, W.K., Zhang, W. 2013. IDH1/2 mutations target a key hallmark of cancer by deregulating cellular metabolism in glioma. *Neuro Oncol.* 15, 1114–1126.