

DAFTAR PUSTAKA

- Ahmad, I., Singla, D., Hussain, ME., & Vera, S 2017. Balance Training in Diabetic Peripheral Neuropathy: A narrative review. *JSM Diabetology and Management* 2(1):1002
- Afifi L, Abdelalim AM, Ashour AS, Al-Athwari A. Correlation between clinical neuropathy scores and nerve conduction studies in patients with Diabetic Peripheral Neuropathy. *The Egyptian Journal of Neurology, Psychiatry and Neurosurgery*. 2016 Oct 1;53(4):248.
- Alam, U., Riley, D.R., Jugdey, R.S., Azmi, S., Rajbhandari, S., D'Août, K. and Malik, R.A., 2017. Diabetic neuropathy and gait: a review. *Diabetes therapy*, 8(6), pp.1253-1264.
- Allet, L., Armand, S., Bie, RA, Golay, A., Monnin, D., Aminian, K., Staal, JB., Bruin, ED., (2009). The gait and balance of patients with diabetes can be improved: a randomised control trial. *Diabetologia* 53;458-466
- Al-Sulaiman, A. A., Ismail, H. M., & Al-Sultan, A. I. 1997. Electrophysiological findings in newly diagnosed non-insulin-dependent diabetics: A prospective study. *Annals of Saudi medicine*, 17(4), 399-401.
- Awang *et al.*, 2006. Nerve Conduction Study Among Healthy Malays. The Influence of Age, Height and Body Mass Index on Median, Ulnar, Common Peroneal and Sural Nerves. *Malaysia J Med Sci*; 13(2)
- Bansal, V., Kalita, J., Misra U.K., 2006 Diabetic Neuropathy. *Postgrad medical journal* 82:95-100

- Belen, E., Sungur, A., Sungur, M. A., & Erdoğan, G. 2015. Increased neutrophil to lymphocyte ratio in patients with resistant hypertension. *The Journal of Clinical Hypertension*, 17(7), 532-537.
- Bhadada, SK., Sahay, RK., Agrawal, JK., 2001 Review Article : Diabetic Neuropathy New Concepts. *Journal Indian Academy of Clinical Medicine* Vol 2 No 4 : 305-318
- Callaghan B.C., Cheng H., Feldman E.L. 2018 Diabetic Neuropathy : Clinical manifestations and current treatments. *The Lancet Neurol Jun*; 11(6); 521-534
- Delitto A, 2003. The Link Between Balance Confidence and Falling Physical Therapy Research That Benefits You. USA : *American Therapy Association*.
- Duksal *et al.* 2016. Role of inflammation in sensory neuropathy in prediabetes or diabetes. *Acta Neurol Scand* 133: 384-390
- Dyck PJ, Albers JW, Andersen H, Arezzo JC, Bessels, Brill V, Feldman EL, Litchy WJ, O'Brien PC, Russell JW (2011). Diabetic polyneuropathy: update on research definition, diagnostic criteria and estimation of severity. *Diabetes/Metabolism Research and Reviews* 2011;27:620-628
- Fateh, H. R., Madani, S. P., Heshmat, R., & Larijani, B. 2015. Correlation of Michigan neuropathy screening instrument, United Kingdom screening test and electrodiagnosis for early detection of diabetic peripheral neuropathy. *Journal of Diabetes & Metabolic Disorders*, 15(1), 8.
- Fortaleza, AC., Chagas, EF., Ferreira, DM., Mantovani, AM., Barela, JA., Chagas, E.F., Fregonesi, C.E., (2013). Postural control and functional

- balance in individual with diabetic peripheral neuropathy. *Brazilian journal of Kinanthropometry and Human Performance* 15(3): 305-314
- Furuncuoğlu Y, Tulgar S, Dogan AN, Cakar S, Tulgar YK, Cakiroglu B. How obesity affects the neutrophil/lymphocyte and platelet/lymphocyte ratio, systemic immune-inflammatory index and platelet indices: a retrospective study. European review for medical and pharmacological sciences. 2016 Apr;20(7):1300-6.
- Guo X, Zhang S, Zhang Q, Liu L, Wu H, Du H, Shi H, Wang C, Xia Y, Liu X, Li C. Neutrophil: lymphocyte ratio is positively related to type 2 diabetes in a large-scale adult population: a Tianjin Chronic Low-Grade Systemic Inflammation and Health cohort study. *Eur J Endocrinol.* 2015 Aug 1;173(2):217-25.
- Herman, W.H., Busui, R.P., Braffet, B.H, Martin C.L., Cleary, P.A., Albers., J.W., Feldman, E.L., (2012) Use of the Michigan Neuropathy Screening Instrument as a measure of distal symmetrical peripheral neuropathy in Type 1 diabetes; result from the Diabetes Interventions and Complications Trial/Epidemiology of Diabetes Interventions and Complications. *Diabet Med* July; 29(7): 937-944
- Jien HY, Park TS. 2014. Can nerve conduction studies detect earlier and predict clinical diabetic neuropathy? *Journal of Diabetes Investigation* Vol. 6 (1)
- Jin HY, Park TS. Can nerve conduction studies detect earlier and predict clinical diabetic neuropathy?. *Journal of diabetes investigation*. 2015 Jan;6(1):18.

- Kahraman C., Yumun G., Kahraman NK., 2014. Neutrophil to Impfocyte ratio in diabetes Mellitus without diabetic foot ulcer. European Journal of Medical Sciences Mar; 1(1):8-13
- Kohei, K.A.K.U., 2010. Pathophysiology of type 2 diabetes and its treatment policy. *JMAJ*, 53(1), pp.41-46.
- Kementerian Kesehatan RI, 2013. Riset Kesehatan Dasar Indonesia tahun 2013. Badan Penelitian dan Pengembangan Kesehatan.
- Khawaja N, Abu-Shennar J, Saleh M, Dahbour SS, Khader YS, Ajlouni KM. The prevalence and risk factors of peripheral neuropathy among patients with type 2 Diabetes Mellitus; the case of Jordan. *Diabetology & metabolic syndrome*. 2018 Dec;10(1):8.
- Ko SH. And Cha BY. 2012 Diabetic Peripheral Neuropathy in Type 2 Diabetes Mellitus in Korea. *Diabetes Metab J*; 36:6-12
- Lien, B.D., Hottenga, J.J., Willemse G. (2016) Causes of variation in the neutrophil-lymphocyte and platelet-lymphocyteratios: a twin-family study
- Llewelyn, J.G., (2003) The Diabetic Neuropathies : Types, Diagnosis and Management. *J Neurol Neurosurg Psychiatry* 7:15-19
- Mantovani A., Cassatella M.A., Costantini C., Jaillon S., 2011. Neutrophils in the activation and regulation of innate and adaptive immunity. *Nature Review : Imunology* August 2011 Vol 11:519-531
- Nascimento OJ., 2016. Diabetic Neuropathy. *Rev DorSao Pulo*, 17:46-51
- Olokoba, A.B., Obateru, O.A., Olokoba, L.B., (2012) Type 2 Diabetes Mellitus : A Review of Current Trends. *Oman Medical Journal* Vol. 27(4) :269-273

- Ozougwu, J., Obimba, K., Belonwu, CD, Unakalamba, CB., (2013) The pathogenesis of type 1 and type 2 diabetes mellitus. *Journal of Physiology and Pathophysiology* 4(4):46-47.
- Öztürk ZA, Kuyumcu ME, Yesil Y, Savas E, Yildiz H, Kepekçi Y, Arioğlu S. Is there a link between neutrophil-lymphocyte ratio and microvascular complications in geriatric diabetic patients?. *Journal of endocrinological investigation*. 2013 Sep 1;36(8):593-9.
- Perkumpulan Endokrinologi Indonesia, 2015. Konsensus Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 di Indonesia 2015
- Petrofsky, J., Lee, S., Cuneo M.L., (2005) Gait characteristics in patients with type 2 diabetes; improvement after administration of resiglitazone. *Med Sci Monit* 11:143-151
- Santos, H. O., & Izidoro, L. F. M. 2018. Neutrophil-Lymphocyte Ratio in Cardiovascular Disease Risk Assessment. *International Journal of Cardiovascular Sciences*, 31(5), 532-537.
- Silva J.C., 2018 What are lymphocytes and what are healthy levels to have? Available at <https://www.medicalnewstoday.com/articles/320987.php>
- Springer, B., Marine, R., Cyhan, T., Roberts, H. & Gill, N., 2007 Normative Value for the Unipedal Stance test with eyes open and closed. *Journal of geriatric Physical Therapy*, 30(1), 8-16
- Subiyantoro, B., (2002) Hubungan Antara Terkendalinya Kadar Gula Darah Dengan Berat Ringannya Polineuropati Pada Penderita Diabetes Melitus Tipe 2, Bagian/SMF Ilmu Penyakit Saraf Fakultas Kedokteran Universitas Diponegoro

- Tesfaye, S., Boulton, A. J., Dyck, P. J., Freeman, R., Horowitz, M., Kempler, P., & Bernardi, L. (2010). Diabetic neuropathies: update on definitions, diagnostic criteria, estimation of severity, and treatments. *Diabetes care*, 33(10), 2285-2293.
- Tjokroprawiro, A., Hendromartono, Pranoto, A., Murtiwi, S., Soebagjo, Wibisono, S., (2007) Diabetes Melitus dalam Buku Ajar Ilmu Penyakit Dalam (Edisi 1 hal: 29-76) Surabaya: Airlangga University Press
- Timar, B., Timar, R., Gaiță, L., Oancea, C., Levai, C., & Lungeanu, D. 2016. The impact of diabetic neuropathy on balance and on the risk of falls in patients with type 2 diabetes mellitus: a cross-sectional study. *PloS one*, 11(4).
- Viswanathan, V., Seena, R., Nair, M. B., Snehalatha, C., Bhoopathy, R. M., & Ramachandran, A. 2004. Nerve conduction abnormalities in different stages of glucose intolerance. *Neurology India*, 52(4), 466.
- Xu, T., Weng, Z., Pei, C., Yu, S., Chen, Y., Guo, W., ... & Sun, J. (2017). The relationship between neutrophil-to-lymphocyte ratio and diabetic peripheral neuropathy in Type 2 diabetes mellitus. *Medicine*, 96(45).
- Yadav, N., Shete, A., Yadav, P., Yadav, N., & Khan, S. T. 2015. Study Of Nerve Conduction Velocity In Type II Diabetes Mellitus. *National Journal of Integrated Research in Medicine*, 6(4)
- Yagihashi S, Mizikami H., Sugimoto K., 2011 Mechanism of Diabetic neuropathy : Where are we now and where to go. *Journal of Diabetes Investigation* Vol 2 (1) :18-32