

DAFTAR PUSTAKA

- Adam, M. A., and Dolan, P., 2012. Intervertebral disc degeneration: evidence for two distinct phenotypes. *Journal of Anatomy*, 221(6):497-506.
- Amacker, N.A.F., Farshad, M., Winklehner, A., Andreisek, G., 2015. MR imaging of degenerative disc disease, *European Journal of Radiology*, 84 (9):1768-1776.
- Asher, A., 2020. The Anatomy of Vertebral End Plates. Available from: <https://www.verywellhealth.com/vertebral-end-plates-296473>. (Accessed 31 Juni 2021).
- Azzainuri, 2013. *Koefisien Cohen's Kappa*. Available from: <https://parameterd.wordpress.com/2013/09/24/koefisien-cohens-kappa/> (Accessed 29 September 2021).
- Bin. Yuan, J., Ding, H., Wan, B., Jiang, Q., Luo, Y., *et al.*, 2019. Relationship between End plate Defects, Modic Change, Disc Degeneration, and Facet Joint Degeneration in Patients with Low Back Pain. *Hindawi BioMed Research International*. Article ID 9369853.
- Biyani, A., Gunnar B. J., Andersson., 2004. Low Back Pain: Pathophysiology and Management. *Journal of the American Academy of Orthopaedic Surgeons*, 12(2):106-115.
- Bohinski, R., 2018. Degenerative disc disease. Available at : <https://mayfieldclinic.com/pe-ddd.htm>. (Accessed: 13 Desember 2021)
- Bradley, W. G., 2007. Low Back Pain. *American Journal of Neuroradiology*, 28(5):990-992.
- Chen, Y., Bao, J., Yan, Q., Wu, C., Yang, H., Zou, J., 2019. Distribution of Modic changes in patients with low back pain and its related factors. *European Journal of Medical Research*, 24(1):2-9.
- Chen, L. Battie, M.C. Yuan, Y. Yang. G. Chen Z. Wang, Y. 2020. Lumbar vertebral endplate defects on magnetic resonance images: prevalence, distribution patterns, and associations with back pain. *Spine J.* 20(3):352-360.
- Davidson, A., Boers, C., Pernet, L., 2021. Degenerative Disc Disease. Available from: https://www.physio-pedia.com/Degenerative_Disc_Disease. (Accessed 23 Desember 2021).

- Din, R. U., Cheng, X., Yang H., 2021. Diagnostic Role of Magnetic Resonance Imaging in Low Back Pain Caused by Vertebral End plate Degeneration. *J Magn Reson Imaging*. doi: 10.1002/jmri.27858.
- Douber, J., 2016. Common Causes of Low Back pain. Available from: <https://buffalorehab.com/blog/causes-low-back-pain-time/> (Accessed 21 Desember 2021).
- Duran, S., Cavusoglu, M., Hatipoglu, H. G., Ciliz, D. S., Sakman, B., 2017 Association between Measures of Vertebral End plate Morphology and Lumbar Intervertebral Disc Degeneration. *Canadian Association of Radiologist Journal*, 68(2):210-216.
- Duthey, B., 2013. Low Back pain. *Priority Medicines for Europe and the World "A Public Health Approach to Innovation*, BP 6.24.
- Ehrlich, G. E., 2003. Low Back Pain. *Bulletin of the World Health Organization*, 81 (9):671-676.
- Erica., 2021. Vertebral End Plates Definition. Available from : <https://www.spine-health.com/glossary/vertebral-end-plates>. (Accessed 31 Juni 2021).
- Goode, A., Carey, T. S., Jordan J. M., 2013. Low Back Pain and Lumbar Spine Osteoarthritis: How Are They Related?. *Curr Rheumatol Rep*, 15(2):305-317.
- Hayashi, Y., 2004. Classification, Diagnosis, and Treatment of Low Back Pain. *Journal of the Japan Medical Association*, 128(12):227–233.
- Hines, T., 2018. Anatomy of Cthe spine. Available from: <https://mayfieldclinic.com/pe-anat spine.htm>. (Accessed 07 Juli 2021).
- Hopkins, J., 2021. Conditions We Treat: Degenerative Disc Disease. Available from: <https://www.hopkinsmedicine.org/orthopaedic-surgery/specialty-areas/spine/conditions-we-treat/degenerative-disc-disease.html> (Accessed 15 Desember 2021).
- Huang, H.K., 2010. Pacs And Imaging Informatics Basic Principles And Applications (online). Available from: <https://onlinelibrary.wiley.com/doi/book/10.1002/9780470560525> (Accessed 23 Juli 2021).
- Kalichman, L., Hunter, D., 2007. Lumbar Facet Joint Osteoarthritis: A Review. *Seminars in Arthritis and Rheumatism*, 37:69-80.

- Kent, P. M., Keating, J. L., 2005. The epidemiology of low back pain in primary care. *Chiropractic & Osteopathy*. 13(13):1-7.
- Knipe, H., 2021. MRI classification system for lumbar disc degeneration. Available from: <https://radiopaedia.org/articles/mri-classification-system-for-lumbar-disc-degeneration> (Accessed: 13 Desember 2021).
- Koroshetz, W. J., 2020. Low Back Pain Fact Sheet. Available at: <https://www.ninds.nih.gov/Disorders/Patient-Caregiver-Education/Fact-Sheets/Low-Back-Pain-Fact-Sheet> (Accessed: 24 Juni 2021).
- Kushchayev, S. V., Glushko, T., Jarraya, M., Schuleri, K. H., Preul, M. C., Brooks, M. L. *et al.*, 2018. ABCs of the degenerative spine. *Insights into Imaging*, 9:253–274.
- Li, R., Wang, Z., Ma, L., Yang, D., Xie, D., Zhang, B., *et al.*, 2020. Lumbar Vertebral End plate Defects on Magnetic Resonance Imaging in Degenerative Spondylolisthesis: Novel Classification, Characteristics, and Correlative Factor Analysis. *World Neurosurgery*. 141:e423-e430.
- Lozt, J. C., Fields, A. J., Liebenberg, E. C., 2013. The Role of the Vertebral End Plate in Low Back Pain. *Global Spine Journal*, 3(3):153-164.
- Manchikanti, L., Manchikanti, K. N., Cash, K. A., Singh, V., Giordano, J., 2008. Age-related prevalence of facet-joint involvement in chronic neck and low back pain. *Pain Physician*, 11:67-75.
- Nadja., Amacker, F., Farshad, M., Winklehner, A., Andreisek, G., 2015. MR-Imaging of Degenerative Disc Disease. *European Journal of Radiology*. 84(9):768-76.
- Novitasari, D. D., Sadeli, H.A., Soenggono, A., Sofiatin, Y., Sukandar, H., Roesli, R., 2016. Prevalence and Characteristics of Low Back Pain among Productive Age Population in Jatinangor. *Althea Medical Journal*, 3(3): 469-4786.
- Rade, M., Määtä, J. H., Freidin, M. B., Airaksinen, O., Karppinen, J., Williams, F., 2018. Vertebral End plate Defect as Initiating Factor in Intervertebral Disc Degeneration; Strong Association between End plate Defect and Disc Degeneration in the General Population. *Spine*, 43(6):412–419.
- Radek, M., Sienicka, B. P., Jankowski, S., Albrecht, L., Grodzka, M., Depta A., *et al.*, 2016. Assessing the correlation between the degree of disc degeneration on the Pfirrmann scale and the metabolites identified in HR-MAS NMR spectroscopy. *Journal of Magnetic Resonance Imaging*. 34(4):376-80.

- Rajasekaran S, Venkatadass K, Naresh Babu J, Ganesh K, Shetty AP. 2008. Pharmacological enhancement of disc diffusion and differentiation of healthy, ageing and degenerated discs: Results from in-vivo serial post-contrast MRI studies in 365 human lumbar discs. *Eur Spine J.* 17(5):626–43.
- Saleem, S., Aslam. H.M., Rehmani, M., A., K., Raees, A., Alvi, A., A., Ashraf, J., 2013. Lumbar Disc Degenerative Disease: Disc Degeneration Symptoms and Magnetic Resonance Image Findings. *Asian Spine J.* 7(4):322–334.
- Sarwono, J. 2006. *Metode Penelitian Kuantitatif dan Kualitatif*. Yogyakarta: Graha Ilmu.
- Sastroasmoro, S., 2011. Dasar-dasar Metodologi Penelitian Klinis. 4th ed. *Jakarta: Sagung Seto.*
- Smith, L. J., Nerurkar, N. L., Choi, K. S., Harfe, B. D., Elliott, D. M., 2011. Degeneration and regeneration of the intervertebral disc: lessons from development. *Disease Models & Mechanisms journal*, 4(1):31-41.
- Syarifah, N. Y., 2017. Karakteristik Manajemen Nyeri Pada Lansia dengan Low Back Pain di Puskesmas Depok III Yogyakarta, *MKKI*, 5(1):77-85.
- Teraguchi. Y., Yoshimura, Z., Hashizume, Y., Muraki, X., Yamada. Y., Minamide. Y., *et al.* 2014. Prevalence and distribution of intervertebral disc degeneration over the entire spine in a population-based cohort: the Wakayama Spine Study. *Osteoarthritis Cartilage*, 22(1):104-110.
- Theakston, V., 2020. The Lumbar Spine. Available from: <https://teachmeanatomy.info/abdomen/bones/lumbar-spine/> (Accessed 23 Juni 2021).
- Tischer, T., Aktas, T., Milz, S., Putz, R. V., 2006. Detailed pathological changes of human lumbar facet joints L1–L5 in elderly individuals. *European Spine Joournal*, 15:308–315.
- Xiao, L., Ni, C., Shi, J., Wang, Z., Wang, S., Zhang, J., *et al.*, 2017. Analysis of Correlation Between Vertebral End plate Change and Lumbar Disc Degeneration. *Medical Science Monitor Journal*. 15(23):4932-4938.
- Yu, L. P., Qian, W. W., Yin, G. Y., Ren, Y. X., Hu, Z. Y., 2012. MRI Assessment of Lumbar Intervertebral Disc Degeneration with Lumbar Degenerative Disease Using the Pfirrmann Grading Systems. *PLoS One*. 7(12):e48074.